New Jersey
ACCUTEST.
Laboratories

08/30/04

Technical Report for

ENSR Consulting & Engineering

Former Camp Butner, NC

09090-068

Accutest Job Number: N74646

Sampling Dates: 08/09/04 - 08/10/04

Report to:

ENSR Consulting & Engineering
2 Technology Park Drive
Westford, MA 01886

ATTN: Debbie McGrath

Total number of pages in report: 2069

Volume: 1 of 4

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Vincent J. Pugliese
President

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, MA, MD, NC, PA, RI, SC, VA

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Sample Summary

ENSR Consulting & Engineering

Job No: N74646

Former Camp Butner, NC
Project No: 09090-068

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
N74646-1	08/09/04	16:40 LB	08/10/04	AQ	Ground Water	RW0804-658-LAKEVIEWDR
N74646-1F	08/09/04	16:40 LB	08/10/04	AQ	Groundwater Filtered	RW0804-658-LAKEVIEWDR
N74646-2	08/09/04	15:25 LB	08/10/04	AQ	Ground Water	RW0804-653-LAKEVIEWDR
N74646-2F	08/09/04	15:25 LB	08/10/04	AQ	Groundwater Filtered	RW0804-653-LAKEVIEWDR
N74646-3	08/09/04	13:50 LB	08/10/04	AQ	Ground Water	RW0804-652-LAKEVIEWDR
N74646-3F	08/09/04	13:50 LB	08/10/04	AQ	Groundwater Filtered	RW0804-652-LAKEVIEWDR
N74646-4	08/09/04	17:35 LB	08/10/04	AQ	Ground Water	RWB0804-3536-FLETCHERSWAY
N74646-4F	08/09/04	17:35 LB	08/10/04	AQ	Groundwater Filtered	RWB0804-3536-FLETCHERSWAY
N74646-5	08/09/04	12:30 LB	08/10/04	AQ	Ground Water	RW0804-NCNG
N74646-5F	08/09/04	12:30 LB	08/10/04	AQ	Groundwater Filtered	RW0804-NCNG
N74646-6	08/09/04	00:00 LB	08/10/04	AQ	Ground Water	RW0804-FIELDDUP1
N74646-6F	08/09/04	00:00 LB	08/10/04	AQ	Groundwater Filtered	RW0804-FIELDDUP1
N74646-7	08/09/04	17:35 LB	08/10/04	AQ	Trip Blank Water	TRIP BLANK

Sample Summary
(continued)

ENSR Consulting & Engineering

Job No: N74646

Former Camp Butner, NC
Project No: 09090-068

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
N74646-8	08/10/04	09:05 LB	08/11/04	AQ	Ground Water	RW0804-CAMPBARHAM
N74646-8F	08/10/04	09:05 LB	08/11/04	AQ	Groundwater Filtered	RW0804-CAMPBARHAM
N74646-9	08/10/04	13:00 LB	08/11/04	AQ	Ground Water	RW0804-4051-RANGERD
N74646-9F	08/10/04	13:00 LB	08/11/04	AQ	Groundwater Filtered	RW0804-4051-RANGERD
N74646-10	08/10/04	10:50 LB	08/11/04	AQ	Ground Water	RW0804-CAMPEASON
N74646-10F	08/10/04	10:50 LB	08/11/04	AQ	Groundwater Filtered	RW0804-CAMPEASON
N74646-11	08/10/04	17:05 LB	08/11/04	AQ	Ground Water	RW0804-750-LITTLEMOUNTAIN
N74646-11F	08/10/04	17:05 LB	08/11/04	AQ	Groundwater Filtered	RW0804-750-LITTLEMOUNTAIN
N74646-12	08/10/04	15:30 LB	08/11/04	AQ	Ground Water	RW0804-191-FALCONLANE
N74646-12F	08/10/04	15:30 LB	08/11/04	AQ	Groundwater Filtered	RW0804-191-FALCONLANE
N74646-13	08/10/04	14:05 LB	08/11/04	AQ	Ground Water	RW0804-4149-RANGERD
N74646-13F	08/10/04	14:05 LB	08/11/04	AQ	Groundwater Filtered	RW0804-4149-RANGERD

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RESULTS

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-658-LAKEVIEWDR		
Lab Sample ID:	N74646-1	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	D85563.D	1	08/12/04	YL	n/a	n/a	VD3413
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (OLM4.2)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.3	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.54	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.11	ug/l	
75-25-2	Bromoform	ND	4.0	0.17	ug/l	
74-83-9	Bromomethane	ND	2.0	0.15	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.5	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.23	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.15	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.23	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.081	ug/l	
74-87-3	Chloromethane	ND	1.0	0.13	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.17	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.47	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.18	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.29	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.62	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.13	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.81	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.24	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.17	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.11	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.071	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.080	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.35	ug/l	
591-78-6	2-Hexanone	ND	5.0	0.73	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-658-LAKEVIEWDR		
Lab Sample ID:	N74646-1	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

VOA TCL List (OLM4.2)

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.0	0.33	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.63	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.16	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.28	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.59	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
100-42-5	Styrene	ND	5.0	0.12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.14	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.37	ug/l	
108-88-3	Toluene	ND	1.0	0.14	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.17	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.61	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.17	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.13	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.67	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.66	ug/l	
	m,p-Xylene	ND	1.0	0.36	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		79-119%
17060-07-0	1,2-Dichloroethane-D4	93%		68-129%
2037-26-5	Toluene-D8	97%		83-118%
460-00-4	4-Bromofluorobenzene	101%		82-120%

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-658-LAKEVIEWDR		
Lab Sample ID:	N74646-1	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F44529.D	1	08/17/04	NAP	08/11/04	OP17687	EF2403
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	4.3	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	4.7	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	0.73	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	1.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	1.1	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	20	0.65	ug/l	
95-48-7	2-Methylphenol	ND	5.0	0.72	ug/l	
	3&4-Methylphenol	ND	5.0	0.70	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	0.73	ug/l	
100-02-7	4-Nitrophenol	ND	20	2.3	ug/l	
108-95-2	Phenol	ND	5.0	1.8	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	1.3	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.74	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.80	ug/l	
83-32-9	Acenaphthene	ND	2.0	0.30	ug/l	
208-96-8	Acenaphthylene	ND	2.0	0.35	ug/l	
98-86-2	Acetophenone	ND	5.0	0.53	ug/l	
120-12-7	Anthracene	ND	2.0	0.22	ug/l	
1912-24-9	Atrazine	ND	5.0	1.5	ug/l	
100-52-7	Benzaldehyde	ND	5.0	3.6	ug/l	
56-55-3	Benzo(a)anthracene	ND	2.0	0.27	ug/l	
50-32-8	Benzo(a)pyrene	ND	2.0	0.38	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	2.0	0.37	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	2.0	0.50	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	2.0	0.37	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.54	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.54	ug/l	
92-52-4	1,1'-Biphenyl	ND	2.0	0.29	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	0.38	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.43	ug/l	
86-74-8	Carbazole	ND	2.0	0.34	ug/l	
105-60-2	Caprolactam	ND	2.0	0.44	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-658-LAKEVIEWDR		
Lab Sample ID:	N74646-1	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	2.0	0.26	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.34	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.49	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.0	0.44	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.0	0.78	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.0	0.62	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	0.39	ug/l	
123-91-1	**1,4-Dioxane**	ND	2.0	1.3	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	2.0	0.58	ug/l	
132-64-9	Dibenzofuran	ND	5.0	0.49	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.79	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	0.63	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	1.4	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.58	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	0.74	ug/l	
206-44-0	Fluoranthene	ND	2.0	0.63	ug/l	
86-73-7	Fluorene	ND	2.0	0.89	ug/l	
118-74-1	Hexachlorobenzene	ND	2.0	1.2	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.41	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	20	0.45	ug/l	
67-72-1	Hexachloroethane	ND	5.0	0.67	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.0	1.5	ug/l	
78-59-1	Isophorone	ND	2.0	0.54	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.0	0.72	ug/l	
88-74-4	2-Nitroaniline	ND	5.0	1.4	ug/l	
99-09-2	3-Nitroaniline	ND	5.0	1.2	ug/l	
100-01-6	4-Nitroaniline	ND	5.0	1.1	ug/l	
91-20-3	Naphthalene	ND	2.0	1.0	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.61	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	0.50	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.80	ug/l	
85-01-8	Phenanthrene	ND	2.0	0.23	ug/l	
129-00-0	Pyrene	ND	2.0	0.58	ug/l	
95-94-3	**1,2,4,5-Tetrachlorobenzene**	ND	5.0	0.63	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	62%		10-88%
4165-62-2	Phenol-d5	37%		10-71%

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-658-LAKEVIEWDR		
Lab Sample ID:	N74646-1	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

ABN TCL List (CLP4.2 list)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	102%		45-134%
4165-60-0	Nitrobenzene-d5	101%		32-128%
321-60-8	2-Fluorobiphenyl	101%		34-121%
1718-51-0	Terphenyl-d14	119%		41-129%

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E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-658-LAKEVIEWDR		
Lab Sample ID:	N74646-1	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8081A SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OA14980.D	1	08/12/04	OPM	08/11/04	OP17688	GOA439
Run #2							

	Initial Volume	Final Volume
Run #1	900 ml	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.022	0.0088	ug/l	
319-84-6	alpha-BHC	ND	0.022	0.014	ug/l	
319-85-7	beta-BHC	ND	0.022	0.0095	ug/l	
319-86-8	delta-BHC	ND	0.022	0.011	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.022	0.0029	ug/l	
5103-71-9	alpha-Chlordane	ND	0.022	0.020	ug/l	
5103-74-2	gamma-Chlordane	ND	0.022	0.014	ug/l	
60-57-1	Dieldrin	ND	0.022	0.014	ug/l	
72-54-8	4,4'-DDD	ND	0.022	0.018	ug/l	
72-55-9	4,4'-DDE	ND	0.022	0.0045	ug/l	
50-29-3	4,4'-DDT	ND	0.022	0.020	ug/l	
72-20-8	Endrin	ND	0.022	0.013	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.022	0.015	ug/l	
7421-93-4	Endrin aldehyde	ND	0.022	0.022	ug/l	
53494-70-5	Endrin ketone	ND	0.056	0.0059	ug/l	
959-98-8	Endosulfan-I	ND	0.022	0.0033	ug/l	
33213-65-9	Endosulfan-II	ND	0.022	0.0031	ug/l	
76-44-8	Heptachlor	ND	0.022	0.0065	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.022	0.012	ug/l	
72-43-5	Methoxychlor	ND	0.056	0.013	ug/l	
8001-35-2	Toxaphene	ND	0.28	0.27	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	96%		35-138%
877-09-8	Tetrachloro-m-xylene	92%		35-138%
2051-24-3	Decachlorobiphenyl	93%		19-153%
2051-24-3	Decachlorobiphenyl	100%		19-153%

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-658-LAKEVIEWDR		
Lab Sample ID:	N74646-1	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF53442.D	1	08/14/04	OYA	08/11/04	OP17689	GEF2576
Run #2							

	Initial Volume	Final Volume
Run #1	900 ml	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.56	0.084	ug/l	
11104-28-2	Aroclor 1221	ND	0.56	0.094	ug/l	
11141-16-5	Aroclor 1232	ND	0.56	0.14	ug/l	
53469-21-9	Aroclor 1242	ND	0.56	0.15	ug/l	
12672-29-6	Aroclor 1248	ND	0.56	0.080	ug/l	
11097-69-1	Aroclor 1254	ND	0.56	0.080	ug/l	
11096-82-5	Aroclor 1260	ND	0.56	0.11	ug/l	
11100-14-4	**Aroclor 1268**	ND	0.56		ug/l	
37324-23-5	**Aroclor 1262**	ND	0.56		ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	89%		27-140%
877-09-8	Tetrachloro-m-xylene	95%		27-140%
2051-24-3	Decachlorobiphenyl	111%		19-151%
2051-24-3	Decachlorobiphenyl	115%		19-151%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-658-LAKEVIEWDR		
Lab Sample ID:	N74646-1	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8151 SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G11099.D	1	08/12/04	KLS	08/11/04	OP17690	G1G277
Run #2							

	Initial Volume	Final Volume
Run #1	880 ml	10.0 ml
Run #2		

Herbicide List

CAS No.	Compound	Result	RL	MDL	Units	Q
94-75-7	2,4-D	ND	0.57	0.32	ug/l	
93-72-1	2,4,5-TP (Silvex)	ND	0.17	0.14	ug/l	
93-76-5	2,4,5-T	ND	0.23	0.22	ug/l	
87-86-5	Pentachlorophenol	ND	0.17	0.13	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	103%		54-141%
19719-28-9	2,4-DCAA	96%		54-141%

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-658-LAKEVIEWDR		
Lab Sample ID:	N74646-1	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
		Percent Solids:	n/a
Project:	Former Camp Butner, NC		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	<200	200	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Antimony	<5.0	5.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Arsenic	<5.0	5.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Barium	<200	200	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Beryllium	<2.0	2.0	ug/l	2	08/12/04	08/12/04	ND	SW846 6020 [2]	SW846 3010A [5]
Cadmium	<4.0	4.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Calcium	35000	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Chromium	<10	10	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Cobalt	<50	50	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Copper	<25	25	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Iron	179	100	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Lead	<3.0	3.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Magnesium	5600	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Manganese	19.0	15	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Mercury	<0.20	0.20	ug/l	1	08/11/04	08/12/04	WG	SW846 7470A [1]	SW846 7470A [4]
Nickel	<40	40	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Potassium	<5000	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Selenium	<5.0	5.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Silver	<10	10	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Sodium	9880	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Thallium	<1.0	1.0	ug/l	2	08/12/04	08/12/04	ND	SW846 6020 [2]	SW846 3010A [5]
Vanadium	<50	50	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Zinc	<20	20	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]

(1) Instrument QC Batch: MA14274
(2) Instrument QC Batch: MA14277
(3) Instrument QC Batch: MA14278
(4) Prep QC Batch: MP26763
(5) Prep QC Batch: MP26767

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-658-LAKEVIEWDR		
Lab Sample ID:	N74646-1	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
		Percent Solids:	n/a
Project:	Former Camp Butner, NC		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	<0.010	0.010	mg/l	1	08/16/04 09:44	JH	SW846 9012A

RL = Reporting Limit

Report of Analysis

Client Sample ID:	RW0804-658-LAKEVIEWDR		
Lab Sample ID:	N74646-1F	**Date Sampled:**	08/09/04
Matrix:	AQ - Groundwater Filtered	**Date Received:**	08/10/04
		Percent Solids:	n/a
Project:	Former Camp Butner, NC		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum [a]	<200	200	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Antimony [a]	<5.0	5.0	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Arsenic [a]	<5.0	5.0	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Barium [a]	<200	200	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Beryllium [a]	<2.0	2.0	ug/l	2	08/12/04	08/12/04	ND	SW846 6020 [2]	SW846 3010A [5]
Cadmium [a]	<4.0	4.0	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Calcium [a]	35500	5000	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Chromium [a]	<10	10	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Cobalt [a]	<50	50	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Copper [a]	<25	25	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Iron [a]	<100	100	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Lead [a]	<3.0	3.0	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Magnesium [a]	5710	5000	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Manganese [a]	18.5	15	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Mercury [a]	<0.20	0.20	ug/l	1	08/11/04	08/12/04	WG	SW846 7470A [1]	SW846 7470A [4]
Nickel [a]	<40	40	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Potassium [a]	<5000	5000	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Selenium [a]	<5.0	5.0	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Silver [a]	<10	10	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Sodium [a]	9940	5000	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Thallium [a]	<1.0	1.0	ug/l	2	08/12/04	08/12/04	ND	SW846 6020 [2]	SW846 3010A [5]
Vanadium [a]	<50	50	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Zinc [a]	<20	20	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]

(1) Instrument QC Batch: MA14274
(2) Instrument QC Batch: MA14277
(3) Instrument QC Batch: MA14278
(4) Prep QC Batch: MP26763
(5) Prep QC Batch: MP26767

(a) Reported results are dissolved metals.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-653-LAKEVIEWDR		
Lab Sample ID:	N74646-2	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	D85568.D	1	08/12/04	YL	n/a	n/a	VD3413
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (OLM4.2)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.3	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.54	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.11	ug/l	
75-25-2	Bromoform	ND	4.0	0.17	ug/l	
74-83-9	Bromomethane	ND	2.0	0.15	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.5	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.23	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.15	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.23	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.081	ug/l	
74-87-3	Chloromethane	ND	1.0	0.13	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.17	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.47	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.18	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.29	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.62	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.13	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.81	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.24	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.17	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.11	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.071	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.080	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.35	ug/l	
591-78-6	2-Hexanone	ND	5.0	0.73	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-653-LAKEVIEWDR		
Lab Sample ID:	N74646-2	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

VOA TCL List (OLM4.2)

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.0	0.33	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.63	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.16	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.28	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.59	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
100-42-5	Styrene	ND	5.0	0.12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.14	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.37	ug/l	
108-88-3	Toluene	ND	1.0	0.14	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.17	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.61	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.17	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.13	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.67	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.66	ug/l	
	m,p-Xylene	ND	1.0	0.36	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		79-119%
17060-07-0	1,2-Dichloroethane-D4	91%		68-129%
2037-26-5	Toluene-D8	98%		83-118%
460-00-4	4-Bromofluorobenzene	100%		82-120%

ND = Not detected MDL - Method Detection Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-653-LAKEVIEWDR		
Lab Sample ID:	N74646-2	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F44532.D	1	08/17/04	NAP	08/11/04	OP17687	EF2403
Run #2							

	Initial Volume	Final Volume
Run #1	820 ml	1.0 ml
Run #2		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	6.1	5.2	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	6.1	5.8	ug/l	
120-83-2	2,4-Dichlorophenol	ND	6.1	0.89	ug/l	
105-67-9	2,4-Dimethylphenol	ND	6.1	1.2	ug/l	
51-28-5	2,4-Dinitrophenol	ND	24	1.3	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	24	0.79	ug/l	
95-48-7	2-Methylphenol	ND	6.1	0.88	ug/l	
	3&4-Methylphenol	ND	6.1	0.86	ug/l	
88-75-5	2-Nitrophenol	ND	6.1	0.89	ug/l	
100-02-7	4-Nitrophenol	ND	24	2.7	ug/l	
108-95-2	Phenol	ND	6.1	2.1	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	6.1	1.5	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	6.1	0.91	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	6.1	0.98	ug/l	
83-32-9	Acenaphthene	ND	2.4	0.36	ug/l	
208-96-8	Acenaphthylene	ND	2.4	0.42	ug/l	
98-86-2	Acetophenone	ND	6.1	0.65	ug/l	
120-12-7	Anthracene	ND	2.4	0.26	ug/l	
1912-24-9	Atrazine	ND	6.1	1.8	ug/l	
100-52-7	Benzaldehyde	ND	6.1	4.4	ug/l	
56-55-3	Benzo(a)anthracene	ND	2.4	0.33	ug/l	
50-32-8	Benzo(a)pyrene	ND	2.4	0.47	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	2.4	0.45	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	2.4	0.61	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	2.4	0.46	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.4	0.66	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.4	0.65	ug/l	
92-52-4	1,1'-Biphenyl	ND	2.4	0.35	ug/l	
91-58-7	2-Chloronaphthalene	ND	6.1	0.46	ug/l	
106-47-8	4-Chloroaniline	ND	6.1	0.52	ug/l	
86-74-8	Carbazole	ND	2.4	0.41	ug/l	
105-60-2	Caprolactam	ND	2.4	0.54	ug/l	

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-653-LAKEVIEWDR		
Lab Sample ID:	N74646-2	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	2.4	0.32	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.4	0.41	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.4	0.59	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.4	0.54	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.4	1.2	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.4	0.95	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.4	0.76	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	6.1	0.47	ug/l	
123-91-1	**1,4-Dioxane**	ND	2.4	1.6	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	2.4	0.71	ug/l	
132-64-9	Dibenzofuran	ND	6.1	0.60	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.4	0.96	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.4	0.77	ug/l	
84-66-2	Diethyl phthalate	ND	2.4	1.7	ug/l	
131-11-3	Dimethyl phthalate	ND	2.4	0.70	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.4	0.90	ug/l	
206-44-0	Fluoranthene	ND	2.4	0.77	ug/l	
86-73-7	Fluorene	ND	2.4	1.1	ug/l	
118-74-1	Hexachlorobenzene	ND	2.4	1.4	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.4	0.50	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	24	0.55	ug/l	
67-72-1	Hexachloroethane	ND	6.1	0.81	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.4	1.9	ug/l	
78-59-1	Isophorone	ND	2.4	0.66	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.4	0.88	ug/l	
88-74-4	2-Nitroaniline	ND	6.1	1.7	ug/l	
99-09-2	3-Nitroaniline	ND	6.1	1.5	ug/l	
100-01-6	4-Nitroaniline	ND	6.1	1.3	ug/l	
91-20-3	Naphthalene	ND	2.4	1.2	ug/l	
98-95-3	Nitrobenzene	ND	2.4	0.74	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.4	0.61	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	6.1	0.97	ug/l	
85-01-8	Phenanthrene	ND	2.4	0.28	ug/l	
129-00-0	Pyrene	ND	2.4	0.71	ug/l	
95-94-3	**1,2,4,5-Tetrachlorobenzene**	ND	6.1	0.76	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	58%		10-88%
4165-62-2	Phenol-d5	39%		10-71%

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-653-LAKEVIEWDR		
Lab Sample ID:	N74646-2	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

ABN TCL List (CLP4.2 list)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	88%		45-134%
4165-60-0	Nitrobenzene-d5	83%		32-128%
321-60-8	2-Fluorobiphenyl	83%		34-121%
1718-51-0	Terphenyl-d14	116%		41-129%

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Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-653-LAKEVIEWDR		
Lab Sample ID:	N74646-2	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8081A SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OA14981.D	1	08/12/04	OPM	08/11/04	OP17688	GOA439
Run #2							

	Initial Volume	Final Volume
Run #1	860 ml	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.023	0.0092	ug/l	
319-84-6	alpha-BHC	ND	0.023	0.015	ug/l	
319-85-7	beta-BHC	ND	0.023	0.0099	ug/l	
319-86-8	delta-BHC	ND	0.023	0.011	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.023	0.0030	ug/l	
5103-71-9	alpha-Chlordane	ND	0.023	0.021	ug/l	
5103-74-2	gamma-Chlordane	ND	0.023	0.015	ug/l	
60-57-1	Dieldrin	ND	0.023	0.015	ug/l	
72-54-8	4,4'-DDD	ND	0.023	0.019	ug/l	
72-55-9	4,4'-DDE	ND	0.023	0.0047	ug/l	
50-29-3	4,4'-DDT	ND	0.023	0.020	ug/l	
72-20-8	Endrin	ND	0.023	0.013	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.023	0.015	ug/l	
7421-93-4	Endrin aldehyde	ND	0.023	0.023	ug/l	
53494-70-5	Endrin ketone	ND	0.058	0.0062	ug/l	
959-98-8	Endosulfan-I	ND	0.023	0.0034	ug/l	
33213-65-9	Endosulfan-II	ND	0.023	0.0033	ug/l	
76-44-8	Heptachlor	ND	0.023	0.0068	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.023	0.013	ug/l	
72-43-5	Methoxychlor	ND	0.058	0.013	ug/l	
8001-35-2	Toxaphene	ND	0.29	0.29	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	69%		35-138%
877-09-8	Tetrachloro-m-xylene	66%		35-138%
2051-24-3	Decachlorobiphenyl	100%		19-153%
2051-24-3	Decachlorobiphenyl	96%		19-153%

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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-653-LAKEVIEWDR		
Lab Sample ID:	N74646-2	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF53443.D	1	08/14/04	OYA	08/11/04	OP17689	GEF2576
Run #2							

	Initial Volume	Final Volume
Run #1	860 ml	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.58	0.088	ug/l	
11104-28-2	Aroclor 1221	ND	0.58	0.099	ug/l	
11141-16-5	Aroclor 1232	ND	0.58	0.14	ug/l	
53469-21-9	Aroclor 1242	ND	0.58	0.15	ug/l	
12672-29-6	Aroclor 1248	ND	0.58	0.084	ug/l	
11097-69-1	Aroclor 1254	ND	0.58	0.083	ug/l	
11096-82-5	Aroclor 1260	ND	0.58	0.12	ug/l	
11100-14-4	**Aroclor 1268**	ND	0.58		ug/l	
37324-23-5	**Aroclor 1262**	ND	0.58		ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	62%		27-140%
877-09-8	Tetrachloro-m-xylene	67%		27-140%
2051-24-3	Decachlorobiphenyl	109%		19-151%
2051-24-3	Decachlorobiphenyl	112%		19-151%

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RL = Reporting Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-653-LAKEVIEWDR		
Lab Sample ID:	N74646-2	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8151 SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G11100.D	1	08/12/04	KLS	08/11/04	OP17690	G1G277
Run #2							

	Initial Volume	Final Volume
Run #1	900 ml	10.0 ml
Run #2		

Herbicide List

CAS No.	Compound	Result	RL	MDL	Units	Q
94-75-7	2,4-D	ND	0.56	0.31	ug/l	
93-72-1	2,4,5-TP (Silvex)	ND	0.17	0.14	ug/l	
93-76-5	2,4,5-T	ND	0.22	0.22	ug/l	
87-86-5	Pentachlorophenol	ND	0.17	0.13	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	98%		54-141%
19719-28-9	2,4-DCAA	94%		54-141%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-653-LAKEVIEWDR		
Lab Sample ID:	N74646-2	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
		Percent Solids:	n/a
Project:	Former Camp Butner, NC		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	<200	200	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [6]
Antimony	<5.0	5.0	ug/l	1	08/12/04	08/16/04	ND	SW846 6010B [4]	SW846 3010A [6]
Arsenic	<5.0	5.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [6]
Barium	<200	200	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [6]
Beryllium	<2.0	2.0	ug/l	2	08/12/04	08/12/04	ND	SW846 6020 [2]	SW846 3010A [6]
Cadmium	<4.0	4.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [6]
Calcium	11800	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [6]
Chromium	<10	10	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [6]
Cobalt	<50	50	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [6]
Copper	<25	25	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [6]
Iron	<100	100	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [6]
Lead	8.2	3.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [6]
Magnesium	<5000	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [6]
Manganese	<15	15	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [6]
Mercury	<0.20	0.20	ug/l	1	08/11/04	08/12/04	WG	SW846 7470A [1]	SW846 7470A [5]
Nickel	<40	40	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [6]
Potassium	<5000	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [6]
Selenium	<5.0	5.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [6]
Silver	<10	10	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [6]
Sodium	11000	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [6]
Thallium	<1.0	1.0	ug/l	2	08/12/04	08/12/04	ND	SW846 6020 [2]	SW846 3010A [6]
Vanadium	<50	50	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [6]
Zinc	<20	20	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [6]

(1) Instrument QC Batch: MA14274
(2) Instrument QC Batch: MA14277
(3) Instrument QC Batch: MA14278
(4) Instrument QC Batch: MA14293
(5) Prep QC Batch: MP26763
(6) Prep QC Batch: MP26767

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-653-LAKEVIEWDR		
Lab Sample ID:	N74646-2	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
		Percent Solids:	n/a
Project:	Former Camp Butner, NC		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	<0.010	0.010	mg/l	1	08/16/04 09:45	JH	SW846 9012A

RL = Reporting Limit

Report of Analysis

Client Sample ID:	RW0804-653-LAKEVIEWDR		
Lab Sample ID:	N74646-2F	**Date Sampled:**	08/09/04
Matrix:	AQ - Groundwater Filtered	**Date Received:**	08/10/04
		Percent Solids:	n/a
Project:	Former Camp Butner, NC		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum [a]	<200	200	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Antimony [a]	<5.0	5.0	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Arsenic [a]	<5.0	5.0	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Barium [a]	<200	200	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Beryllium [a]	<2.0	2.0	ug/l	2	08/12/04	08/12/04	ND	SW846 6020 [2]	SW846 3010A [5]
Cadmium [a]	<4.0	4.0	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Calcium [a]	11100	5000	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Chromium [a]	<10	10	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Cobalt [a]	<50	50	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Copper [a]	<25	25	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Iron [a]	<100	100	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Lead [a]	<3.0	3.0	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Magnesium [a]	<5000	5000	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Manganese [a]	<15	15	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Mercury [a]	<0.20	0.20	ug/l	1	08/11/04	08/12/04	WG	SW846 7470A [1]	SW846 7470A [4]
Nickel [a]	<40	40	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Potassium [a]	<5000	5000	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Selenium [a]	<5.0	5.0	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Silver [a]	<10	10	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Sodium [a]	10600	5000	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Thallium [a]	<1.0	1.0	ug/l	2	08/12/04	08/12/04	ND	SW846 6020 [2]	SW846 3010A [5]
Vanadium [a]	<50	50	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Zinc [a]	<20	20	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]

(1) Instrument QC Batch: MA14274
(2) Instrument QC Batch: MA14277
(3) Instrument QC Batch: MA14278
(4) Prep QC Batch: MP26763
(5) Prep QC Batch: MP26767

(a) Reported results are dissolved metals.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-652-LAKEVIEWDR		
Lab Sample ID:	N74646-3	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	D85569.D	1	08/12/04	YL	n/a	n/a	VD3413
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (OLM4.2)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.3	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.54	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.11	ug/l	
75-25-2	Bromoform	ND	4.0	0.17	ug/l	
74-83-9	Bromomethane	ND	2.0	0.15	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.5	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.23	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.15	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.23	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.081	ug/l	
74-87-3	Chloromethane	ND	1.0	0.13	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.17	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.47	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.18	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.29	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.62	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.13	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.81	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.24	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.17	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.11	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.071	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.080	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.35	ug/l	
591-78-6	2-Hexanone	ND	5.0	0.73	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-652-LAKEVIEWDR		
Lab Sample ID:	N74646-3	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

VOA TCL List (OLM4.2)

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.0	0.33	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.63	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.16	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.28	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.59	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
100-42-5	Styrene	ND	5.0	0.12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.14	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.37	ug/l	
108-88-3	Toluene	ND	1.0	0.14	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.17	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.61	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.17	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.13	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.67	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.66	ug/l	
	m,p-Xylene	ND	1.0	0.36	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		79-119%
17060-07-0	1,2-Dichloroethane-D4	92%		68-129%
2037-26-5	Toluene-D8	97%		83-118%
460-00-4	4-Bromofluorobenzene	101%		82-120%

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-652-LAKEVIEWDR		
Lab Sample ID:	N74646-3	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F44533.D	1	08/17/04	NAP	08/11/04	OP17687	EF2403
Run #2							

	Initial Volume	Final Volume
Run #1	800 ml	1.0 ml
Run #2		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	6.3	5.3	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	6.3	5.9	ug/l	
120-83-2	2,4-Dichlorophenol	ND	6.3	0.91	ug/l	
105-67-9	2,4-Dimethylphenol	ND	6.3	1.3	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	1.3	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	25	0.81	ug/l	
95-48-7	2-Methylphenol	ND	6.3	0.90	ug/l	
	3&4-Methylphenol	ND	6.3	0.88	ug/l	
88-75-5	2-Nitrophenol	ND	6.3	0.91	ug/l	
100-02-7	4-Nitrophenol	ND	25	2.8	ug/l	
108-95-2	Phenol	ND	6.3	2.2	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	6.3	1.6	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	6.3	0.93	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	6.3	1.0	ug/l	
83-32-9	Acenaphthene	ND	2.5	0.37	ug/l	
208-96-8	Acenaphthylene	ND	2.5	0.43	ug/l	
98-86-2	Acetophenone	ND	6.3	0.67	ug/l	
120-12-7	Anthracene	ND	2.5	0.27	ug/l	
1912-24-9	Atrazine	ND	6.3	1.9	ug/l	
100-52-7	Benzaldehyde	ND	6.3	4.5	ug/l	
56-55-3	Benzo(a)anthracene	ND	2.5	0.34	ug/l	
50-32-8	Benzo(a)pyrene	ND	2.5	0.48	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	2.5	0.46	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	2.5	0.62	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	2.5	0.47	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.5	0.67	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.5	0.67	ug/l	
92-52-4	1,1'-Biphenyl	ND	2.5	0.36	ug/l	
91-58-7	2-Chloronaphthalene	ND	6.3	0.47	ug/l	
106-47-8	4-Chloroaniline	ND	6.3	0.53	ug/l	
86-74-8	Carbazole	ND	2.5	0.42	ug/l	
105-60-2	Caprolactam	ND	2.5	0.55	ug/l	

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
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Report of Analysis

Client Sample ID:	RW0804-652-LAKEVIEWDR		
Lab Sample ID:	N74646-3	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	2.5	0.33	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.5	0.42	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.5	0.61	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.5	0.55	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.5	1.3	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.5	0.97	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.5	0.78	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	6.3	0.49	ug/l	
123-91-1	**1,4-Dioxane**	ND	2.5	1.7	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	2.5	0.72	ug/l	
132-64-9	Dibenzofuran	ND	6.3	0.61	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.5	0.98	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.5	0.79	ug/l	
84-66-2	Diethyl phthalate	ND	2.5	1.8	ug/l	
131-11-3	Dimethyl phthalate	ND	2.5	0.72	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.5	0.92	ug/l	
206-44-0	Fluoranthene	ND	2.5	0.79	ug/l	
86-73-7	Fluorene	ND	2.5	1.1	ug/l	
118-74-1	Hexachlorobenzene	ND	2.5	1.5	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.5	0.52	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	25	0.56	ug/l	
67-72-1	Hexachloroethane	ND	6.3	0.83	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.5	1.9	ug/l	
78-59-1	Isophorone	ND	2.5	0.67	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.5	0.90	ug/l	
88-74-4	2-Nitroaniline	ND	6.3	1.7	ug/l	
99-09-2	3-Nitroaniline	ND	6.3	1.5	ug/l	
100-01-6	4-Nitroaniline	ND	6.3	1.4	ug/l	
91-20-3	Naphthalene	ND	2.5	1.3	ug/l	
98-95-3	Nitrobenzene	ND	2.5	0.76	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.5	0.63	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	6.3	0.99	ug/l	
85-01-8	Phenanthrene	ND	2.5	0.29	ug/l	
129-00-0	Pyrene	ND	2.5	0.73	ug/l	
95-94-3	**1,2,4,5-Tetrachlorobenzene**	ND	6.3	0.78	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	72%		10-88%
4165-62-2	Phenol-d5	50%		10-71%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-652-LAKEVIEWDR		
Lab Sample ID:	N74646-3	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

ABN TCL List (CLP4.2 list)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	100%		45-134%
4165-60-0	Nitrobenzene-d5	106%		32-128%
321-60-8	2-Fluorobiphenyl	105%		34-121%
1718-51-0	Terphenyl-d14	120%		41-129%

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-652-LAKEVIEWDR		
Lab Sample ID:	N74646-3	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8081A SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OA14982.D	1	08/12/04	OPM	08/11/04	OP17688	GOA439
Run #2							

	Initial Volume	Final Volume
Run #1	940 ml	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.021	0.0084	ug/l	
319-84-6	alpha-BHC	ND	0.021	0.013	ug/l	
319-85-7	beta-BHC	ND	0.021	0.0091	ug/l	
319-86-8	delta-BHC	ND	0.021	0.010	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.021	0.0028	ug/l	
5103-71-9	alpha-Chlordane	ND	0.021	0.019	ug/l	
5103-74-2	gamma-Chlordane	ND	0.021	0.013	ug/l	
60-57-1	Dieldrin	ND	0.021	0.014	ug/l	
72-54-8	4,4'-DDD	ND	0.021	0.018	ug/l	
72-55-9	4,4'-DDE	ND	0.021	0.0043	ug/l	
50-29-3	4,4'-DDT	ND	0.021	0.019	ug/l	
72-20-8	Endrin	ND	0.021	0.012	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.021	0.014	ug/l	
7421-93-4	Endrin aldehyde	ND	0.021	0.021	ug/l	
53494-70-5	Endrin ketone	ND	0.053	0.0057	ug/l	
959-98-8	Endosulfan-I	ND	0.021	0.0031	ug/l	
33213-65-9	Endosulfan-II	ND	0.021	0.0030	ug/l	
76-44-8	Heptachlor	ND	0.021	0.0063	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.021	0.012	ug/l	
72-43-5	Methoxychlor	ND	0.053	0.012	ug/l	
8001-35-2	Toxaphene	ND	0.27	0.26	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	91%		35-138%
877-09-8	Tetrachloro-m-xylene	87%		35-138%
2051-24-3	Decachlorobiphenyl	91%		19-153%
2051-24-3	Decachlorobiphenyl	94%		19-153%

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-652-LAKEVIEWDR		
Lab Sample ID:	N74646-3	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF53444.D	1	08/14/04	OYA	08/11/04	OP17689	GEF2576
Run #2							

	Initial Volume	Final Volume
Run #1	940 ml	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.53	0.080	ug/l	
11104-28-2	Aroclor 1221	ND	0.53	0.090	ug/l	
11141-16-5	Aroclor 1232	ND	0.53	0.13	ug/l	
53469-21-9	Aroclor 1242	ND	0.53	0.14	ug/l	
12672-29-6	Aroclor 1248	ND	0.53	0.076	ug/l	
11097-69-1	Aroclor 1254	ND	0.53	0.076	ug/l	
11096-82-5	Aroclor 1260	ND	0.53	0.11	ug/l	
11100-14-4	**Aroclor 1268**	ND	0.53		ug/l	
37324-23-5	**Aroclor 1262**	ND	0.53		ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	84%		27-140%
877-09-8	Tetrachloro-m-xylene	90%		27-140%
2051-24-3	Decachlorobiphenyl	105%		19-151%
2051-24-3	Decachlorobiphenyl	108%		19-151%

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-652-LAKEVIEWDR		
Lab Sample ID:	N74646-3	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8151 SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G11101.D	1	08/12/04	KLS	08/11/04	OP17690	G1G277
Run #2							

	Initial Volume	Final Volume
Run #1	920 ml	10.0 ml
Run #2		

Herbicide List

CAS No.	Compound	Result	RL	MDL	Units	Q
94-75-7	2,4-D	ND	0.54	0.30	ug/l	
93-72-1	2,4,5-TP (Silvex)	ND	0.16	0.14	ug/l	
93-76-5	2,4,5-T	ND	0.22	0.22	ug/l	
87-86-5	Pentachlorophenol	ND	0.16	0.13	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	101%		54-141%
19719-28-9	2,4-DCAA	95%		54-141%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-652-LAKEVIEWDR		
Lab Sample ID:	N74646-3	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
		Percent Solids:	n/a
Project:	Former Camp Butner, NC		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	<200	200	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Antimony	<5.0	5.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Arsenic	<5.0	5.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Barium	<200	200	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Beryllium	<2.0	2.0	ug/l	2	08/12/04	08/12/04	ND	SW846 6020 [2]	SW846 3010A [5]
Cadmium	<4.0	4.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Calcium	6430	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Chromium	<10	10	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Cobalt	<50	50	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Copper	<25	25	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Iron	844	100	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Lead	<3.0	3.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Magnesium	<5000	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Manganese	533	15	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Mercury	<0.20	0.20	ug/l	1	08/11/04	08/12/04	WG	SW846 7470A [1]	SW846 7470A [4]
Nickel	<40	40	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Potassium	<5000	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Selenium	<5.0	5.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Silver	<10	10	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Sodium	7560	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Thallium	<1.0	1.0	ug/l	2	08/12/04	08/12/04	ND	SW846 6020 [2]	SW846 3010A [5]
Vanadium	<50	50	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Zinc	958	20	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]

(1) Instrument QC Batch: MA14274
(2) Instrument QC Batch: MA14277
(3) Instrument QC Batch: MA14278
(4) Prep QC Batch: MP26763
(5) Prep QC Batch: MP26767

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-652-LAKEVIEWDR		
Lab Sample ID:	N74646-3	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
		Percent Solids:	n/a
Project:	Former Camp Butner, NC		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	<0.010	0.010	mg/l	1	08/16/04 09:46	JH	SW846 9012A

RL = Reporting Limit

Report of Analysis

Client Sample ID:	RW0804-652-LAKEVIEWDR		
Lab Sample ID:	N74646-3F	**Date Sampled:**	08/09/04
Matrix:	AQ - Groundwater Filtered	**Date Received:**	08/10/04
		Percent Solids:	n/a
Project:	Former Camp Butner, NC		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum [a]	<200	200	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Antimony [a]	<5.0	5.0	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Arsenic [a]	<5.0	5.0	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Barium [a]	<200	200	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Beryllium [a]	<2.0	2.0	ug/l	2	08/12/04	08/12/04	ND	SW846 6020 [2]	SW846 3010A [5]
Cadmium [a]	<4.0	4.0	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Calcium [a]	6340	5000	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Chromium [a]	<10	10	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Cobalt [a]	<50	50	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Copper [a]	<25	25	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Iron [a]	<100	100	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Lead [a]	<3.0	3.0	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Magnesium [a]	<5000	5000	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Manganese [a]	516	15	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Mercury [a]	<0.20	0.20	ug/l	1	08/11/04	08/12/04	WG	SW846 7470A [1]	SW846 7470A [4]
Nickel [a]	<40	40	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Potassium [a]	<5000	5000	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Selenium [a]	<5.0	5.0	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Silver [a]	<10	10	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Sodium [a]	7510	5000	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Thallium [a]	<1.0	1.0	ug/l	2	08/12/04	08/12/04	ND	SW846 6020 [2]	SW846 3010A [5]
Vanadium [a]	<50	50	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Zinc [a]	925	20	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]

(1) Instrument QC Batch: MA14274
(2) Instrument QC Batch: MA14277
(3) Instrument QC Batch: MA14278
(4) Prep QC Batch: MP26763
(5) Prep QC Batch: MP26767

(a) Reported results are dissolved metals.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	RWB0804-3536-FLETCHERSWAY		
Lab Sample ID:	N74646-4	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	D85570.D	1	08/12/04	YL	n/a	n/a	VD3413
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (OLM4.2)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.3	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.54	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.11	ug/l	
75-25-2	Bromoform	ND	4.0	0.17	ug/l	
74-83-9	Bromomethane	ND	2.0	0.15	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.5	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.23	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.15	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.23	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.081	ug/l	
74-87-3	Chloromethane	ND	1.0	0.13	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.17	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.47	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.18	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.29	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.62	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.13	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.81	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.24	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.17	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.11	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.071	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.080	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.35	ug/l	
591-78-6	2-Hexanone	ND	5.0	0.73	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RWB0804-3536-FLETCHERSWAY		
Lab Sample ID:	N74646-4	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

VOA TCL List (OLM4.2)

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.0	0.33	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.63	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.16	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.28	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.59	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
100-42-5	Styrene	ND	5.0	0.12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.14	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.37	ug/l	
108-88-3	Toluene	ND	1.0	0.14	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.17	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.61	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.17	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.13	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.67	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.66	ug/l	
	m,p-Xylene	ND	1.0	0.36	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		79-119%
17060-07-0	1,2-Dichloroethane-D4	94%		68-129%
2037-26-5	Toluene-D8	97%		83-118%
460-00-4	4-Bromofluorobenzene	102%		82-120%

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method bl
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	RWB0804-3536-FLETCHERSWAY		
Lab Sample ID:	N74646-4	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F44534.D	1	08/17/04	NAP	08/11/04	OP17687	EF2403
Run #2							

	Initial Volume	Final Volume
Run #1	940 ml	1.0 ml
Run #2		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.3	4.5	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.3	5.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.3	0.78	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.3	1.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	21	1.1	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	21	0.69	ug/l	
95-48-7	2-Methylphenol	ND	5.3	0.77	ug/l	
	3&4-Methylphenol	ND	5.3	0.75	ug/l	
88-75-5	2-Nitrophenol	ND	5.3	0.78	ug/l	
100-02-7	4-Nitrophenol	ND	21	2.4	ug/l	
108-95-2	Phenol	ND	5.3	1.9	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.3	1.3	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.3	0.79	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.3	0.85	ug/l	
83-32-9	Acenaphthene	ND	2.1	0.31	ug/l	
208-96-8	Acenaphthylene	ND	2.1	0.37	ug/l	
98-86-2	Acetophenone	ND	5.3	0.57	ug/l	
120-12-7	Anthracene	ND	2.1	0.23	ug/l	
1912-24-9	Atrazine	ND	5.3	1.6	ug/l	
100-52-7	Benzaldehyde	ND	5.3	3.9	ug/l	
56-55-3	Benzo(a)anthracene	ND	2.1	0.29	ug/l	
50-32-8	Benzo(a)pyrene	ND	2.1	0.41	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	2.1	0.39	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	2.1	0.53	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	2.1	0.40	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.1	0.57	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.1	0.57	ug/l	
92-52-4	1,1'-Biphenyl	ND	2.1	0.31	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.3	0.40	ug/l	
106-47-8	4-Chloroaniline	ND	5.3	0.45	ug/l	
86-74-8	Carbazole	ND	2.1	0.36	ug/l	
105-60-2	Caprolactam	ND	2.1	0.47	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RWB0804-3536-FLETCHERSWAY		
Lab Sample ID:	N74646-4	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	2.1	0.28	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.1	0.36	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.1	0.52	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.1	0.47	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.1	1.1	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.1	0.82	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.1	0.66	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.3	0.41	ug/l	
123-91-1	**1,4-Dioxane**	ND	2.1	1.4	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	2.1	0.62	ug/l	
132-64-9	Dibenzofuran	ND	5.3	0.52	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.1	0.84	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.1	0.67	ug/l	
84-66-2	Diethyl phthalate	ND	2.1	1.5	ug/l	
131-11-3	Dimethyl phthalate	ND	2.1	0.61	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.1	0.78	ug/l	
206-44-0	Fluoranthene	ND	2.1	0.67	ug/l	
86-73-7	Fluorene	ND	2.1	0.95	ug/l	
118-74-1	Hexachlorobenzene	ND	2.1	1.3	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.1	0.44	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	21	0.48	ug/l	
67-72-1	Hexachloroethane	ND	5.3	0.71	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.1	1.6	ug/l	
78-59-1	Isophorone	ND	2.1	0.57	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.1	0.77	ug/l	
88-74-4	2-Nitroaniline	ND	5.3	1.5	ug/l	
99-09-2	3-Nitroaniline	ND	5.3	1.3	ug/l	
100-01-6	4-Nitroaniline	ND	5.3	1.1	ug/l	
91-20-3	Naphthalene	ND	2.1	1.1	ug/l	
98-95-3	Nitrobenzene	ND	2.1	0.65	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.1	0.53	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.3	0.85	ug/l	
85-01-8	Phenanthrene	ND	2.1	0.25	ug/l	
129-00-0	Pyrene	ND	2.1	0.62	ug/l	
95-94-3	**1,2,4,5-Tetrachlorobenzene**	ND	5.3	0.67	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	61%		10-88%
4165-62-2	Phenol-d5	38%		10-71%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RWB0804-3536-FLETCHERSWAY		
Lab Sample ID:	N74646-4	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

ABN TCL List (CLP4.2 list)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	95%		45-134%
4165-60-0	Nitrobenzene-d5	103%		32-128%
321-60-8	2-Fluorobiphenyl	105%		34-121%
1718-51-0	Terphenyl-d14	114%		41-129%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	RWB0804-3536-FLETCHERSWAY		
Lab Sample ID:	N74646-4	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8081A SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OA14983.D	1	08/12/04	OPM	08/11/04	OP17688	GOA439
Run #2							

	Initial Volume	Final Volume
Run #1	930 ml	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.022	0.0085	ug/l	
319-84-6	alpha-BHC	ND	0.022	0.014	ug/l	
319-85-7	beta-BHC	ND	0.022	0.0092	ug/l	
319-86-8	delta-BHC	ND	0.022	0.010	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.022	0.0028	ug/l	
5103-71-9	alpha-Chlordane	ND	0.022	0.019	ug/l	
5103-74-2	gamma-Chlordane	ND	0.022	0.013	ug/l	
60-57-1	Dieldrin	ND	0.022	0.014	ug/l	
72-54-8	4,4'-DDD	ND	0.022	0.018	ug/l	
72-55-9	4,4'-DDE	ND	0.022	0.0044	ug/l	
50-29-3	4,4'-DDT	ND	0.022	0.019	ug/l	
72-20-8	Endrin	ND	0.022	0.012	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.022	0.014	ug/l	
7421-93-4	Endrin aldehyde	ND	0.022	0.021	ug/l	
53494-70-5	Endrin ketone	ND	0.054	0.0057	ug/l	
959-98-8	Endosulfan-I	ND	0.022	0.0032	ug/l	
33213-65-9	Endosulfan-II	ND	0.022	0.0030	ug/l	
76-44-8	Heptachlor	ND	0.022	0.0063	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.022	0.012	ug/l	
72-43-5	Methoxychlor	ND	0.054	0.012	ug/l	
8001-35-2	Toxaphene	ND	0.27	0.26	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	94%		35-138%
877-09-8	Tetrachloro-m-xylene	91%		35-138%
2051-24-3	Decachlorobiphenyl	96%		19-153%
2051-24-3	Decachlorobiphenyl	97%		19-153%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	RWB0804-3536-FLETCHERSWAY		
Lab Sample ID:	N74646-4	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF53445.D	1	08/14/04	OYA	08/11/04	OP17689	GEF2576
Run #2							

	Initial Volume	Final Volume
Run #1	930 ml	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.54	0.081	ug/l	
11104-28-2	Aroclor 1221	ND	0.54	0.091	ug/l	
11141-16-5	Aroclor 1232	ND	0.54	0.13	ug/l	
53469-21-9	Aroclor 1242	ND	0.54	0.14	ug/l	
12672-29-6	Aroclor 1248	ND	0.54	0.077	ug/l	
11097-69-1	Aroclor 1254	ND	0.54	0.077	ug/l	
11096-82-5	Aroclor 1260	ND	0.54	0.11	ug/l	
11100-14-4	**Aroclor 1268**	ND	0.54		ug/l	
37324-23-5	**Aroclor 1262**	ND	0.54		ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	87%		27-140%
877-09-8	Tetrachloro-m-xylene	94%		27-140%
2051-24-3	Decachlorobiphenyl	107%		19-151%
2051-24-3	Decachlorobiphenyl	110%		19-151%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	RWB0804-3536-FLETCHERSWAY		
Lab Sample ID:	N74646-4	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8151 SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G11094.D	1	08/12/04	KLS	08/11/04	OP17690	G1G277
Run #2							

	Initial Volume	Final Volume
Run #1	880 ml	10.0 ml
Run #2		

Herbicide List

CAS No.	Compound	Result	RL	MDL	Units	Q
94-75-7	2,4-D	ND	0.57	0.32	ug/l	
93-72-1	2,4,5-TP (Silvex)	ND	0.17	0.14	ug/l	
93-76-5	2,4,5-T	ND	0.23	0.22	ug/l	
87-86-5	Pentachlorophenol	ND	0.17	0.13	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	103%		54-141%
19719-28-9	2,4-DCAA	95%		54-141%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	RWB0804-3536-FLETCHERSWAY		
Lab Sample ID:	N74646-4	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
		Percent Solids:	n/a
Project:	Former Camp Butner, NC		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	<200	200	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Antimony	<5.0	5.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Arsenic	<5.0	5.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Barium	<200	200	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Beryllium	<2.0	2.0	ug/l	2	08/12/04	08/12/04	ND	SW846 6020 [2]	SW846 3010A [5]
Cadmium	<4.0	4.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Calcium	5780	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Chromium	<10	10	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Cobalt	<50	50	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Copper	<25	25	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Iron	385	100	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Lead	<3.0	3.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Magnesium	<5000	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Manganese	93.4	15	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Mercury	<0.20	0.20	ug/l	1	08/11/04	08/12/04	WG	SW846 7470A [1]	SW846 7470A [4]
Nickel	<40	40	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Potassium	<5000	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Selenium	<5.0	5.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Silver	<10	10	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Sodium	8240	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Thallium	<1.0	1.0	ug/l	2	08/12/04	08/12/04	ND	SW846 6020 [2]	SW846 3010A [5]
Vanadium	<50	50	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Zinc	<20	20	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]

(1) Instrument QC Batch: MA14274
(2) Instrument QC Batch: MA14277
(3) Instrument QC Batch: MA14278
(4) Prep QC Batch: MP26763
(5) Prep QC Batch: MP26767

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	RWB0804-3536-FLETCHERSWAY		
Lab Sample ID:	N74646-4	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
		Percent Solids:	n/a
Project:	Former Camp Butner, NC		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	<0.010	0.010	mg/l	1	08/16/04 09:47	JH	SW846 9012A

RL = Reporting Limit

Report of Analysis

Client Sample ID:	RWB0804-3536-FLETCHERSWAY		
Lab Sample ID:	N74646-4F	**Date Sampled:**	08/09/04
Matrix:	AQ - Groundwater Filtered	**Date Received:**	08/10/04
		Percent Solids:	n/a
Project:	Former Camp Butner, NC		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum [a]	<200	200	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [6]
Antimony [a]	<5.0	5.0	ug/l	1	08/12/04	08/17/04	ND	SW846 6010B [4]	SW846 3010A [6]
Arsenic [a]	<5.0	5.0	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [6]
Barium [a]	<200	200	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [6]
Beryllium [a]	<2.0	2.0	ug/l	2	08/12/04	08/12/04	ND	SW846 6020 [2]	SW846 3010A [6]
Cadmium [a]	<4.0	4.0	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [6]
Calcium [a]	5970	5000	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [6]
Chromium [a]	<10	10	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [6]
Cobalt [a]	<50	50	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [6]
Copper [a]	<25	25	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [6]
Iron [a]	<100	100	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [6]
Lead [a]	<3.0	3.0	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [6]
Magnesium [a]	<5000	5000	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [6]
Manganese [a]	96.4	15	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [6]
Mercury [a]	<0.20	0.20	ug/l	1	08/11/04	08/12/04	WG	SW846 7470A [1]	SW846 7470A [5]
Nickel [a]	<40	40	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [6]
Potassium [a]	<5000	5000	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [6]
Selenium [a]	<5.0	5.0	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [6]
Silver [a]	<10	10	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [6]
Sodium [a]	8380	5000	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [6]
Thallium [a]	<1.0	1.0	ug/l	2	08/12/04	08/12/04	ND	SW846 6020 [2]	SW846 3010A [6]
Vanadium [a]	<50	50	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [6]
Zinc [a]	<20	20	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [6]

(1) Instrument QC Batch: MA14274
(2) Instrument QC Batch: MA14277
(3) Instrument QC Batch: MA14278
(4) Instrument QC Batch: MA14293
(5) Prep QC Batch: MP26763
(6) Prep QC Batch: MP26767

(a) Reported results are dissolved metals.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-NCNG		
Lab Sample ID:	N74646-5	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	D85571.D	1	08/12/04	YL	n/a	n/a	VD3413
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (OLM4.2)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.3	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.54	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.11	ug/l	
75-25-2	Bromoform	ND	4.0	0.17	ug/l	
74-83-9	Bromomethane	ND	2.0	0.15	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.5	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.23	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.15	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.23	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.081	ug/l	
74-87-3	Chloromethane	ND	1.0	0.13	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.17	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.47	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.18	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.29	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.62	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.13	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.81	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.24	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.17	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.11	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.071	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.080	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.35	ug/l	
591-78-6	2-Hexanone	ND	5.0	0.73	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-NCNG		
Lab Sample ID:	N74646-5	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

VOA TCL List (OLM4.2)

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.0	0.33	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.63	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.16	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.28	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.59	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
100-42-5	Styrene	ND	5.0	0.12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.14	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.37	ug/l	
108-88-3	Toluene	ND	1.0	0.14	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.17	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.61	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.17	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.13	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.67	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.66	ug/l	
	m,p-Xylene	ND	1.0	0.36	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		79-119%
17060-07-0	1,2-Dichloroethane-D4	94%		68-129%
2037-26-5	Toluene-D8	97%		83-118%
460-00-4	4-Bromofluorobenzene	102%		82-120%

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-NCNG		
Lab Sample ID:	N74646-5	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F44535.D	1	08/17/04	NAP	08/11/04	OP17687	EF2403
Run #2							

	Initial Volume	Final Volume
Run #1	900 ml	1.0 ml
Run #2		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.6	4.7	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.6	5.3	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.6	0.81	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.6	1.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	22	1.2	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	22	0.72	ug/l	
95-48-7	2-Methylphenol	ND	5.6	0.80	ug/l	
	3&4-Methylphenol	ND	5.6	0.78	ug/l	
88-75-5	2-Nitrophenol	ND	5.6	0.81	ug/l	
100-02-7	4-Nitrophenol	ND	22	2.5	ug/l	
108-95-2	Phenol	ND	5.6	1.9	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.6	1.4	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.6	0.83	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.6	0.89	ug/l	
83-32-9	Acenaphthene	ND	2.2	0.33	ug/l	
208-96-8	Acenaphthylene	ND	2.2	0.39	ug/l	
98-86-2	Acetophenone	ND	5.6	0.59	ug/l	
120-12-7	Anthracene	ND	2.2	0.24	ug/l	
1912-24-9	Atrazine	ND	5.6	1.7	ug/l	
100-52-7	Benzaldehyde	ND	5.6	4.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	2.2	0.30	ug/l	
50-32-8	Benzo(a)pyrene	ND	2.2	0.43	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	2.2	0.41	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	2.2	0.55	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	2.2	0.42	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.2	0.60	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.2	0.60	ug/l	
92-52-4	1,1'-Biphenyl	ND	2.2	0.32	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.6	0.42	ug/l	
106-47-8	4-Chloroaniline	ND	5.6	0.47	ug/l	
86-74-8	Carbazole	ND	2.2	0.38	ug/l	
105-60-2	Caprolactam	ND	2.2	0.49	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-NCNG		
Lab Sample ID:	N74646-5	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	2.2	0.29	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.2	0.37	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.2	0.54	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.2	0.49	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.2	1.1	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.2	0.86	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.2	0.69	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.6	0.43	ug/l	
123-91-1	**1,4-Dioxane**	ND	2.2	1.5	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	2.2	0.64	ug/l	
132-64-9	Dibenzofuran	ND	5.6	0.54	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.2	0.87	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.2	0.70	ug/l	
84-66-2	Diethyl phthalate	ND	2.2	1.6	ug/l	
131-11-3	Dimethyl phthalate	ND	2.2	0.64	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.2	0.82	ug/l	
206-44-0	Fluoranthene	ND	2.2	0.70	ug/l	
86-73-7	Fluorene	ND	2.2	0.99	ug/l	
118-74-1	Hexachlorobenzene	ND	2.2	1.3	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.2	0.46	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	22	0.50	ug/l	
67-72-1	Hexachloroethane	ND	5.6	0.74	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.2	1.7	ug/l	
78-59-1	Isophorone	ND	2.2	0.60	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.2	0.80	ug/l	
88-74-4	2-Nitroaniline	ND	5.6	1.5	ug/l	
99-09-2	3-Nitroaniline	ND	5.6	1.4	ug/l	
100-01-6	4-Nitroaniline	ND	5.6	1.2	ug/l	
91-20-3	Naphthalene	ND	2.2	1.1	ug/l	
98-95-3	Nitrobenzene	ND	2.2	0.68	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.2	0.56	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.6	0.88	ug/l	
85-01-8	Phenanthrene	ND	2.2	0.26	ug/l	
129-00-0	Pyrene	ND	2.2	0.65	ug/l	
95-94-3	**1,2,4,5-Tetrachlorobenzene**	ND	5.6	0.70	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	64%		10-88%
4165-62-2	Phenol-d5	43%		10-71%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-NCNG		
Lab Sample ID:	N74646-5	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

ABN TCL List (CLP4.2 list)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	92%		45-134%
4165-60-0	Nitrobenzene-d5	95%		32-128%
321-60-8	2-Fluorobiphenyl	92%		34-121%
1718-51-0	Terphenyl-d14	109%		41-129%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-NCNG		
Lab Sample ID:	N74646-5	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8081A SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OA14984.D	1	08/12/04	OPM	08/11/04	OP17688	GOA439
Run #2							

	Initial Volume	Final Volume
Run #1	950 ml	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.021	0.0084	ug/l	
319-84-6	alpha-BHC	ND	0.021	0.013	ug/l	
319-85-7	beta-BHC	ND	0.021	0.0090	ug/l	
319-86-8	delta-BHC	ND	0.021	0.010	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.021	0.0028	ug/l	
5103-71-9	alpha-Chlordane	ND	0.021	0.019	ug/l	
5103-74-2	gamma-Chlordane	ND	0.021	0.013	ug/l	
60-57-1	Dieldrin	ND	0.021	0.013	ug/l	
72-54-8	4,4'-DDD	ND	0.021	0.017	ug/l	
72-55-9	4,4'-DDE	ND	0.021	0.0043	ug/l	
50-29-3	4,4'-DDT	ND	0.021	0.019	ug/l	
72-20-8	Endrin	ND	0.021	0.012	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.021	0.014	ug/l	
7421-93-4	Endrin aldehyde	ND	0.021	0.021	ug/l	
53494-70-5	Endrin ketone	ND	0.053	0.0056	ug/l	
959-98-8	Endosulfan-I	ND	0.021	0.0031	ug/l	
33213-65-9	Endosulfan-II	ND	0.021	0.0030	ug/l	
76-44-8	Heptachlor	ND	0.021	0.0062	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.021	0.012	ug/l	
72-43-5	Methoxychlor	ND	0.053	0.012	ug/l	
8001-35-2	Toxaphene	ND	0.26	0.26	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	93%		35-138%
877-09-8	Tetrachloro-m-xylene	89%		35-138%
2051-24-3	Decachlorobiphenyl	91%		19-153%
2051-24-3	Decachlorobiphenyl	92%		19-153%

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-NCNG		
Lab Sample ID:	N74646-5	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF53446.D	1	08/14/04	OYA	08/11/04	OP17689	GEF2576
Run #2							

	Initial Volume	Final Volume
Run #1	950 ml	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.53	0.079	ug/l	
11104-28-2	Aroclor 1221	ND	0.53	0.089	ug/l	
11141-16-5	Aroclor 1232	ND	0.53	0.13	ug/l	
53469-21-9	Aroclor 1242	ND	0.53	0.14	ug/l	
12672-29-6	Aroclor 1248	ND	0.53	0.076	ug/l	
11097-69-1	Aroclor 1254	ND	0.53	0.076	ug/l	
11096-82-5	Aroclor 1260	ND	0.53	0.11	ug/l	
11100-14-4	**Aroclor 1268**	ND	0.53		ug/l	
37324-23-5	**Aroclor 1262**	ND	0.53		ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	85%		27-140%
877-09-8	Tetrachloro-m-xylene	90%		27-140%
2051-24-3	Decachlorobiphenyl	100%		19-151%
2051-24-3	Decachlorobiphenyl	103%		19-151%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-NCNG		
Lab Sample ID:	N74646-5	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8151 SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G11102.D	1	08/12/04	KLS	08/11/04	OP17690	G1G277
Run #2							

	Initial Volume	Final Volume
Run #1	870 ml	10.0 ml
Run #2		

Herbicide List

CAS No.	Compound	Result	RL	MDL	Units	Q
94-75-7	2,4-D	ND	0.57	0.32	ug/l	
93-72-1	2,4,5-TP (Silvex)	ND	0.17	0.14	ug/l	
93-76-5	2,4,5-T	ND	0.23	0.23	ug/l	
87-86-5	Pentachlorophenol	ND	0.17	0.13	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	99%		54-141%
19719-28-9	2,4-DCAA	93%		54-141%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-NCNG		
Lab Sample ID:	N74646-5	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
		Percent Solids:	n/a
Project:	Former Camp Butner, NC		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	<200	200	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Antimony	<5.0	5.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Arsenic	<5.0	5.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Barium	<200	200	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Beryllium	<2.0	2.0	ug/l	2	08/12/04	08/12/04	ND	SW846 6020 [2]	SW846 3010A [5]
Cadmium	<4.0	4.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Calcium	34500	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Chromium	<10	10	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Cobalt	<50	50	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Copper	131	25	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Iron	<100	100	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Lead	14.8	3.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Magnesium	9100	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Manganese	<15	15	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Mercury	<0.20	0.20	ug/l	1	08/11/04	08/12/04	WG	SW846 7470A [1]	SW846 7470A [4]
Nickel	<40	40	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Potassium	<5000	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Selenium	<5.0	5.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Silver	<10	10	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Sodium	10900	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Thallium	<1.0	1.0	ug/l	2	08/12/04	08/12/04	ND	SW846 6020 [2]	SW846 3010A [5]
Vanadium	<50	50	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]
Zinc	364	20	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [5]

(1) Instrument QC Batch: MA14274
(2) Instrument QC Batch: MA14277
(3) Instrument QC Batch: MA14278
(4) Prep QC Batch: MP26763
(5) Prep QC Batch: MP26767

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-NCNG		
Lab Sample ID:	N74646-5	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
		Percent Solids:	n/a
Project:	Former Camp Butner, NC		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	<0.010	0.010	mg/l	1	08/16/04 09:50	JH	SW846 9012A

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-NCNG		
Lab Sample ID:	N74646-5F	**Date Sampled:**	08/09/04
Matrix:	AQ - Groundwater Filtered	**Date Received:**	08/10/04
		Percent Solids:	n/a
Project:	Former Camp Butner, NC		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum [a]	<200	200	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Antimony [a]	<5.0	5.0	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Arsenic [a]	<5.0	5.0	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Barium [a]	<200	200	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Beryllium [a]	<2.0	2.0	ug/l	2	08/12/04	08/12/04	ND	SW846 6020 [2]	SW846 3010A [5]
Cadmium [a]	<4.0	4.0	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Calcium [a]	34600	5000	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Chromium [a]	<10	10	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Cobalt [a]	<50	50	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Copper [a]	<25	25	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Iron [a]	<100	100	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Lead [a]	<3.0	3.0	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Magnesium [a]	9220	5000	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Manganese [a]	<15	15	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Mercury [a]	<0.20	0.20	ug/l	1	08/11/04	08/12/04	WG	SW846 7470A [1]	SW846 7470A [4]
Nickel [a]	<40	40	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Potassium [a]	<5000	5000	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Selenium [a]	<5.0	5.0	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Silver [a]	<10	10	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Sodium [a]	11200	5000	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Thallium [a]	<1.0	1.0	ug/l	2	08/12/04	08/12/04	ND	SW846 6020 [2]	SW846 3010A [5]
Vanadium [a]	<50	50	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Zinc [a]	275	20	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]

(1) Instrument QC Batch: MA14274
(2) Instrument QC Batch: MA14277
(3) Instrument QC Batch: MA14278
(4) Prep QC Batch: MP26763
(5) Prep QC Batch: MP26767

(a) Reported results are dissolved metals.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-FIELDDUP1		
Lab Sample ID:	N74646-6	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	D85572.D	1	08/13/04	YL	n/a	n/a	VD3413
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (OLM4.2)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.3	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.54	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.11	ug/l	
75-25-2	Bromoform	ND	4.0	0.17	ug/l	
74-83-9	Bromomethane	ND	2.0	0.15	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.5	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.23	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.15	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.23	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.081	ug/l	
74-87-3	Chloromethane	ND	1.0	0.13	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.17	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.47	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.18	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.29	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.62	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.13	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.81	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.24	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.17	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.11	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.071	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.080	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.35	ug/l	
591-78-6	2-Hexanone	ND	5.0	0.73	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-FIELDDUP1		
Lab Sample ID:	N74646-6	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

VOA TCL List (OLM4.2)

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.0	0.33	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.63	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.16	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.28	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.59	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
100-42-5	Styrene	ND	5.0	0.12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.14	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.37	ug/l	
108-88-3	Toluene	ND	1.0	0.14	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.17	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.61	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.17	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.13	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.67	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.66	ug/l	
	m,p-Xylene	ND	1.0	0.36	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		79-119%
17060-07-0	1,2-Dichloroethane-D4	96%		68-129%
2037-26-5	Toluene-D8	98%		83-118%
460-00-4	4-Bromofluorobenzene	102%		82-120%

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-FIELDDUP1		
Lab Sample ID:	N74646-6	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F44536.D	1	08/17/04	NAP	08/11/04	OP17687	EF2403
Run #2							

	Initial Volume	Final Volume
Run #1	960 ml	1.0 ml
Run #2		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.2	4.4	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.2	4.9	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.2	0.76	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.2	1.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	21	1.1	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	21	0.68	ug/l	
95-48-7	2-Methylphenol	ND	5.2	0.75	ug/l	
	3&4-Methylphenol	ND	5.2	0.73	ug/l	
88-75-5	2-Nitrophenol	ND	5.2	0.76	ug/l	
100-02-7	4-Nitrophenol	ND	21	2.3	ug/l	
108-95-2	Phenol	ND	5.2	1.8	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.2	1.3	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.2	0.78	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.2	0.83	ug/l	
83-32-9	Acenaphthene	ND	2.1	0.31	ug/l	
208-96-8	Acenaphthylene	ND	2.1	0.36	ug/l	
98-86-2	Acetophenone	ND	5.2	0.56	ug/l	
120-12-7	Anthracene	ND	2.1	0.23	ug/l	
1912-24-9	Atrazine	ND	5.2	1.6	ug/l	
100-52-7	Benzaldehyde	ND	5.2	3.8	ug/l	
56-55-3	Benzo(a)anthracene	ND	2.1	0.29	ug/l	
50-32-8	Benzo(a)pyrene	ND	2.1	0.40	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	2.1	0.38	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	2.1	0.52	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	2.1	0.39	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.1	0.56	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.1	0.56	ug/l	
92-52-4	1,1'-Biphenyl	ND	2.1	0.30	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.2	0.39	ug/l	
106-47-8	4-Chloroaniline	ND	5.2	0.44	ug/l	
86-74-8	Carbazole	ND	2.1	0.35	ug/l	
105-60-2	Caprolactam	ND	2.1	0.46	ug/l	

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-FIELDDUP1		
Lab Sample ID:	N74646-6	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	2.1	0.27	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.1	0.35	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.1	0.51	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.1	0.46	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.1	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.1	0.81	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.1	0.65	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.2	0.41	ug/l	
123-91-1	**1,4-Dioxane**	ND	2.1	1.4	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	2.1	0.60	ug/l	
132-64-9	Dibenzofuran	ND	5.2	0.51	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.1	0.82	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.1	0.66	ug/l	
84-66-2	Diethyl phthalate	ND	2.1	1.5	ug/l	
131-11-3	Dimethyl phthalate	ND	2.1	0.60	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.1	0.77	ug/l	
206-44-0	Fluoranthene	ND	2.1	0.66	ug/l	
86-73-7	Fluorene	ND	2.1	0.93	ug/l	
118-74-1	Hexachlorobenzene	ND	2.1	1.2	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.1	0.43	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	21	0.47	ug/l	
67-72-1	Hexachloroethane	ND	5.2	0.69	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.1	1.6	ug/l	
78-59-1	Isophorone	ND	2.1	0.56	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.1	0.75	ug/l	
88-74-4	2-Nitroaniline	ND	5.2	1.4	ug/l	
99-09-2	3-Nitroaniline	ND	5.2	1.3	ug/l	
100-01-6	4-Nitroaniline	ND	5.2	1.1	ug/l	
91-20-3	Naphthalene	ND	2.1	1.1	ug/l	
98-95-3	Nitrobenzene	ND	2.1	0.64	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.1	0.52	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.2	0.83	ug/l	
85-01-8	Phenanthrene	ND	2.1	0.24	ug/l	
129-00-0	Pyrene	ND	2.1	0.61	ug/l	
95-94-3	**1,2,4,5-Tetrachlorobenzene**	ND	5.2	0.65	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	56%		10-88%
4165-62-2	Phenol-d5	34%		10-71%

ND = Not detected MDL - Method Detection Limit
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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-FIELDDUP1		
Lab Sample ID:	N74646-6	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

ABN TCL List (CLP4.2 list)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	96%		45-134%
4165-60-0	Nitrobenzene-d5	89%		32-128%
321-60-8	2-Fluorobiphenyl	86%		34-121%
1718-51-0	Terphenyl-d14	112%		41-129%

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Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-FIELDDUP1		
Lab Sample ID:	N74646-6	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8081A SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OA14985.D	1	08/12/04	OPM	08/11/04	OP17688	GOA439
Run #2							

	Initial Volume	Final Volume
Run #1	830 ml	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.024	0.0096	ug/l	
319-84-6	alpha-BHC	ND	0.024	0.015	ug/l	
319-85-7	beta-BHC	ND	0.024	0.010	ug/l	
319-86-8	delta-BHC	ND	0.024	0.012	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.024	0.0032	ug/l	
5103-71-9	alpha-Chlordane	ND	0.024	0.022	ug/l	
5103-74-2	gamma-Chlordane	ND	0.024	0.015	ug/l	
60-57-1	Dieldrin	ND	0.024	0.015	ug/l	
72-54-8	4,4'-DDD	ND	0.024	0.020	ug/l	
72-55-9	4,4'-DDE	ND	0.024	0.0049	ug/l	
50-29-3	4,4'-DDT	ND	0.024	0.021	ug/l	
72-20-8	Endrin	ND	0.024	0.014	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.024	0.016	ug/l	
7421-93-4	Endrin aldehyde	ND	0.024	0.024	ug/l	
53494-70-5	Endrin ketone	ND	0.060	0.0064	ug/l	
959-98-8	Endosulfan-I	ND	0.024	0.0035	ug/l	
33213-65-9	Endosulfan-II	ND	0.024	0.0034	ug/l	
76-44-8	Heptachlor	ND	0.024	0.0071	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.024	0.013	ug/l	
72-43-5	Methoxychlor	ND	0.060	0.014	ug/l	
8001-35-2	Toxaphene	ND	0.30	0.30	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	71%		35-138%
877-09-8	Tetrachloro-m-xylene	67%		35-138%
2051-24-3	Decachlorobiphenyl	98%		19-153%
2051-24-3	Decachlorobiphenyl	100%		19-153%

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value

RL = Reporting Limit B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-FIELDDUP1		
Lab Sample ID:	N74646-6	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF53447.D	1	08/14/04	OYA	08/11/04	OP17689	GEF2576
Run #2							

	Initial Volume	Final Volume
Run #1	830 ml	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.60	0.091	ug/l	
11104-28-2	Aroclor 1221	ND	0.60	0.10	ug/l	
11141-16-5	Aroclor 1232	ND	0.60	0.15	ug/l	
53469-21-9	Aroclor 1242	ND	0.60	0.16	ug/l	
12672-29-6	Aroclor 1248	ND	0.60	0.087	ug/l	
11097-69-1	Aroclor 1254	ND	0.60	0.087	ug/l	
11096-82-5	Aroclor 1260	ND	0.60	0.12	ug/l	
11100-14-4	**Aroclor 1268**	ND	0.60		ug/l	
37324-23-5	**Aroclor 1262**	ND	0.60		ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	63%		27-140%
877-09-8	Tetrachloro-m-xylene	68%		27-140%
2051-24-3	Decachlorobiphenyl	110%		19-151%
2051-24-3	Decachlorobiphenyl	115%		19-151%

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RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-FIELDDUP1		
Lab Sample ID:	N74646-6	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8151 SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G11103.D	1	08/12/04	KLS	08/11/04	OP17690	G1G277
Run #2							

	Initial Volume	Final Volume
Run #1	870 ml	10.0 ml
Run #2		

Herbicide List

CAS No.	Compound	Result	RL	MDL	Units	Q
94-75-7	2,4-D	ND	0.57	0.32	ug/l	
93-72-1	2,4,5-TP (Silvex)	ND	0.17	0.14	ug/l	
93-76-5	2,4,5-T	ND	0.23	0.23	ug/l	
87-86-5	Pentachlorophenol	ND	0.17	0.13	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	103%		54-141%
19719-28-9	2,4-DCAA	95%		54-141%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-FIELDDUP1		
Lab Sample ID:	N74646-6	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
		Percent Solids:	n/a
Project:	Former Camp Butner, NC		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	<200	200	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [6]
Antimony	<5.0	5.0	ug/l	1	08/12/04	08/16/04	ND	SW846 6010B [4]	SW846 3010A [6]
Arsenic	<5.0	5.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [6]
Barium	<200	200	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [6]
Beryllium	<2.0	2.0	ug/l	2	08/12/04	08/12/04	ND	SW846 6020 [2]	SW846 3010A [6]
Cadmium	<4.0	4.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [6]
Calcium	11700	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [6]
Chromium	<10	10	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [6]
Cobalt	<50	50	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [6]
Copper	<25	25	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [6]
Iron	<100	100	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [6]
Lead	7.1	3.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [6]
Magnesium	<5000	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [6]
Manganese	<15	15	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [6]
Mercury	<0.20	0.20	ug/l	1	08/11/04	08/12/04	WG	SW846 7470A [1]	SW846 7470A [5]
Nickel	<40	40	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [6]
Potassium	<5000	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [6]
Selenium	<5.0	5.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [6]
Silver	<10	10	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [6]
Sodium	11200	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [6]
Thallium	<1.0	1.0	ug/l	2	08/12/04	08/12/04	ND	SW846 6020 [2]	SW846 3010A [6]
Vanadium	<50	50	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [6]
Zinc	<20	20	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [3]	SW846 3010A [6]

(1) Instrument QC Batch: MA14274
(2) Instrument QC Batch: MA14277
(3) Instrument QC Batch: MA14278
(4) Instrument QC Batch: MA14293
(5) Prep QC Batch: MP26763
(6) Prep QC Batch: MP26767

RL = Reporting Limit

Report of Analysis

Client Sample ID:	RW0804-FIELDDUP1		
Lab Sample ID:	N74646-6	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
		Percent Solids:	n/a
Project:	Former Camp Butner, NC		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	<0.010	0.010	mg/l	1	08/16/04 09:51	JH	SW846 9012A

RL = Reporting Limit

Report of Analysis

Client Sample ID:	RW0804-FIELDDUP1		
Lab Sample ID:	N74646-6F	**Date Sampled:**	08/09/04
Matrix:	AQ - Groundwater Filtered	**Date Received:**	08/10/04
		Percent Solids:	n/a
Project:	Former Camp Butner, NC		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum [a]	<200	200	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Antimony [a]	<5.0	5.0	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Arsenic [a]	<5.0	5.0	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Barium [a]	<200	200	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Beryllium [a]	<2.0	2.0	ug/l	2	08/12/04	08/12/04	ND	SW846 6020 [2]	SW846 3010A [5]
Cadmium [a]	<4.0	4.0	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Calcium [a]	11400	5000	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Chromium [a]	<10	10	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Cobalt [a]	<50	50	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Copper [a]	<25	25	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Iron [a]	<100	100	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Lead [a]	<3.0	3.0	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Magnesium [a]	<5000	5000	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Manganese [a]	<15	15	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Mercury [a]	<0.20	0.20	ug/l	1	08/11/04	08/12/04	WG	SW846 7470A [1]	SW846 7470A [4]
Nickel [a]	<40	40	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Potassium [a]	<5000	5000	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Selenium [a]	<5.0	5.0	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Silver [a]	<10	10	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Sodium [a]	10900	5000	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Thallium [a]	<1.0	1.0	ug/l	2	08/12/04	08/12/04	ND	SW846 6020 [2]	SW846 3010A [5]
Vanadium [a]	<50	50	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]
Zinc [a]	<20	20	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [3]	SW846 3010A [5]

(1) Instrument QC Batch: MA14274
(2) Instrument QC Batch: MA14277
(3) Instrument QC Batch: MA14278
(4) Prep QC Batch: MP26763
(5) Prep QC Batch: MP26767

(a) Reported results are dissolved metals.

RL = Reporting Limit

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Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	N74646-7	**Date Sampled:**	08/09/04
Matrix:	AQ - Trip Blank Water	**Date Received:**	08/10/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	D85573.D	1	08/13/04	YL	n/a	n/a	VD3413
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (OLM4.2)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.3	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.54	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.11	ug/l	
75-25-2	Bromoform	ND	4.0	0.17	ug/l	
74-83-9	Bromomethane	ND	2.0	0.15	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.5	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.23	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.15	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.23	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.081	ug/l	
74-87-3	Chloromethane	ND	1.0	0.13	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.17	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.47	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.18	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.29	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.62	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.13	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.81	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.24	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.17	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.11	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.071	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.080	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.35	ug/l	
591-78-6	2-Hexanone	ND	5.0	0.73	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	N74646-7	**Date Sampled:**	08/09/04
Matrix:	AQ - Trip Blank Water	**Date Received:**	08/10/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

VOA TCL List (OLM4.2)

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.0	0.33	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.63	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.16	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.28	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.59	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
100-42-5	Styrene	ND	5.0	0.12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.14	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.37	ug/l	
108-88-3	Toluene	ND	1.0	0.14	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.17	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.61	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.17	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.13	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.67	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.66	ug/l	
	m,p-Xylene	ND	1.0	0.36	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		79-119%
17060-07-0	1,2-Dichloroethane-D4	97%		68-129%
2037-26-5	Toluene-D8	98%		83-118%
460-00-4	4-Bromofluorobenzene	103%		82-120%

ND = Not detected MDL - Method Detection Limit
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E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-CAMPBARHAM		
Lab Sample ID:	N74646-8	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	D85574.D	1	08/13/04	YL	n/a	n/a	VD3413
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (OLM4.2)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.3	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.54	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.11	ug/l	
75-25-2	Bromoform	ND	4.0	0.17	ug/l	
74-83-9	Bromomethane	ND	2.0	0.15	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.5	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.23	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.15	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.23	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.081	ug/l	
74-87-3	Chloromethane	ND	1.0	0.13	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.17	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.47	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.18	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.29	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.62	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.13	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.81	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.24	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.17	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.11	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.071	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.080	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.35	ug/l	
591-78-6	2-Hexanone	ND	5.0	0.73	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-CAMPBARHAM		
Lab Sample ID:	N74646-8	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

VOA TCL List (OLM4.2)

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.0	0.33	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.63	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.16	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.28	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.59	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
100-42-5	Styrene	ND	5.0	0.12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.14	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.37	ug/l	
108-88-3	Toluene	ND	1.0	0.14	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.17	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.61	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.17	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.13	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.67	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.66	ug/l	
	m,p-Xylene	ND	1.0	0.36	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		79-119%
17060-07-0	1,2-Dichloroethane-D4	98%		68-129%
2037-26-5	Toluene-D8	98%		83-118%
460-00-4	4-Bromofluorobenzene	102%		82-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-CAMPBARHAM		
Lab Sample ID:	N74646-8	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F44537.D	1	08/17/04	NAP	08/11/04	OP17687	EF2403
Run #2							

	Initial Volume	Final Volume
Run #1	940 ml	1.0 ml
Run #2		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.3	4.5	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.3	5.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.3	0.78	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.3	1.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	21	1.1	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	21	0.69	ug/l	
95-48-7	2-Methylphenol	ND	5.3	0.77	ug/l	
	3&4-Methylphenol	ND	5.3	0.75	ug/l	
88-75-5	2-Nitrophenol	ND	5.3	0.78	ug/l	
100-02-7	4-Nitrophenol	ND	21	2.4	ug/l	
108-95-2	Phenol	ND	5.3	1.9	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.3	1.3	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.3	0.79	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.3	0.85	ug/l	
83-32-9	Acenaphthene	ND	2.1	0.31	ug/l	
208-96-8	Acenaphthylene	ND	2.1	0.37	ug/l	
98-86-2	Acetophenone	ND	5.3	0.57	ug/l	
120-12-7	Anthracene	ND	2.1	0.23	ug/l	
1912-24-9	Atrazine	ND	5.3	1.6	ug/l	
100-52-7	Benzaldehyde	ND	5.3	3.9	ug/l	
56-55-3	Benzo(a)anthracene	ND	2.1	0.29	ug/l	
50-32-8	Benzo(a)pyrene	ND	2.1	0.41	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	2.1	0.39	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	2.1	0.53	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	2.1	0.40	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.1	0.57	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.1	0.57	ug/l	
92-52-4	1,1'-Biphenyl	ND	2.1	0.31	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.3	0.40	ug/l	
106-47-8	4-Chloroaniline	ND	5.3	0.45	ug/l	
86-74-8	Carbazole	ND	2.1	0.36	ug/l	
105-60-2	Caprolactam	ND	2.1	0.47	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-CAMPBARHAM		
Lab Sample ID:	N74646-8	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	2.1	0.28	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.1	0.36	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.1	0.52	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.1	0.47	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.1	1.1	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.1	0.82	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.1	0.66	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.3	0.41	ug/l	
123-91-1	**1,4-Dioxane**	ND	2.1	1.4	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	2.1	0.62	ug/l	
132-64-9	Dibenzofuran	ND	5.3	0.52	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.1	0.84	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.1	0.67	ug/l	
84-66-2	Diethyl phthalate	ND	2.1	1.5	ug/l	
131-11-3	Dimethyl phthalate	ND	2.1	0.61	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.1	0.78	ug/l	
206-44-0	Fluoranthene	ND	2.1	0.67	ug/l	
86-73-7	Fluorene	ND	2.1	0.95	ug/l	
118-74-1	Hexachlorobenzene	ND	2.1	1.3	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.1	0.44	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	21	0.48	ug/l	
67-72-1	Hexachloroethane	ND	5.3	0.71	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.1	1.6	ug/l	
78-59-1	Isophorone	ND	2.1	0.57	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.1	0.77	ug/l	
88-74-4	2-Nitroaniline	ND	5.3	1.5	ug/l	
99-09-2	3-Nitroaniline	ND	5.3	1.3	ug/l	
100-01-6	4-Nitroaniline	ND	5.3	1.1	ug/l	
91-20-3	Naphthalene	ND	2.1	1.1	ug/l	
98-95-3	Nitrobenzene	ND	2.1	0.65	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.1	0.53	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.3	0.85	ug/l	
85-01-8	Phenanthrene	ND	2.1	0.25	ug/l	
129-00-0	Pyrene	ND	2.1	0.62	ug/l	
95-94-3	**1,2,4,5-Tetrachlorobenzene**	ND	5.3	0.67	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	55%		10-88%
4165-62-2	Phenol-d5	38%		10-71%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-CAMPBARHAM		
Lab Sample ID:	N74646-8	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

ABN TCL List (CLP4.2 list)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	85%		45-134%
4165-60-0	Nitrobenzene-d5	92%		32-128%
321-60-8	2-Fluorobiphenyl	93%		34-121%
1718-51-0	Terphenyl-d14	106%		41-129%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-CAMPBARHAM		
Lab Sample ID:	N74646-8	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8081A SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OA14990.D	1	08/13/04	OPM	08/11/04	OP17688	GOA439
Run #2							

	Initial Volume	Final Volume
Run #1	910 ml	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.022	0.0087	ug/l	
319-84-6	alpha-BHC	ND	0.022	0.014	ug/l	
319-85-7	beta-BHC	ND	0.022	0.0094	ug/l	
319-86-8	delta-BHC	ND	0.022	0.011	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.022	0.0029	ug/l	
5103-71-9	alpha-Chlordane	ND	0.022	0.020	ug/l	
5103-74-2	gamma-Chlordane	ND	0.022	0.014	ug/l	
60-57-1	Dieldrin	ND	0.022	0.014	ug/l	
72-54-8	4,4'-DDD	ND	0.022	0.018	ug/l	
72-55-9	4,4'-DDE	ND	0.022	0.0045	ug/l	
50-29-3	4,4'-DDT	ND	0.022	0.019	ug/l	
72-20-8	Endrin	ND	0.022	0.013	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.022	0.014	ug/l	
7421-93-4	Endrin aldehyde	ND	0.022	0.022	ug/l	
53494-70-5	Endrin ketone	ND	0.055	0.0059	ug/l	
959-98-8	Endosulfan-I	ND	0.022	0.0032	ug/l	
33213-65-9	Endosulfan-II	ND	0.022	0.0031	ug/l	
76-44-8	Heptachlor	ND	0.022	0.0065	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.022	0.012	ug/l	
72-43-5	Methoxychlor	ND	0.055	0.013	ug/l	
8001-35-2	Toxaphene	ND	0.27	0.27	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	95%		35-138%
877-09-8	Tetrachloro-m-xylene	91%		35-138%
2051-24-3	Decachlorobiphenyl	100%		19-153%
2051-24-3	Decachlorobiphenyl	99%		19-153%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-CAMPBARHAM		
Lab Sample ID:	N74646-8	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF53448.D	1	08/14/04	OYA	08/11/04	OP17689	GEF2576
Run #2							

	Initial Volume	Final Volume
Run #1	910 ml	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.55	0.083	ug/l	
11104-28-2	Aroclor 1221	ND	0.55	0.093	ug/l	
11141-16-5	Aroclor 1232	ND	0.55	0.14	ug/l	
53469-21-9	Aroclor 1242	ND	0.55	0.15	ug/l	
12672-29-6	Aroclor 1248	ND	0.55	0.079	ug/l	
11097-69-1	Aroclor 1254	ND	0.55	0.079	ug/l	
11096-82-5	Aroclor 1260	ND	0.55	0.11	ug/l	
11100-14-4	**Aroclor 1268**	ND	0.55		ug/l	
37324-23-5	**Aroclor 1262**	ND	0.55		ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	86%		27-140%
877-09-8	Tetrachloro-m-xylene	92%		27-140%
2051-24-3	Decachlorobiphenyl	107%		19-151%
2051-24-3	Decachlorobiphenyl	109%		19-151%

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-CAMPBARHAM		
Lab Sample ID:	N74646-8	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8151 SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G11104.D	1	08/12/04	KLS	08/11/04	OP17690	G1G277
Run #2							

	Initial Volume	Final Volume
Run #1	870 ml	10.0 ml
Run #2		

Herbicide List

CAS No.	Compound	Result	RL	MDL	Units	Q
94-75-7	2,4-D	ND	0.57	0.32	ug/l	
93-72-1	2,4,5-TP (Silvex)	ND	0.17	0.14	ug/l	
93-76-5	2,4,5-T	ND	0.23	0.23	ug/l	
87-86-5	Pentachlorophenol	ND	0.17	0.13	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	101%		54-141%
19719-28-9	2,4-DCAA	93%		54-141%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-CAMPBARHAM		
Lab Sample ID:	N74646-8	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
		Percent Solids:	n/a
Project:	Former Camp Butner, NC		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	<200	200	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [4]
Antimony	<5.0	5.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [4]
Arsenic	<5.0	5.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [4]
Barium	<200	200	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [4]
Beryllium	<2.0	2.0	ug/l	2	08/12/04	08/12/04	ND	SW846 6020 [1]	SW846 3010A [4]
Cadmium	<4.0	4.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [4]
Calcium	23500	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [4]
Chromium	<10	10	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [4]
Cobalt	<50	50	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [4]
Copper	<25	25	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [4]
Iron	<100	100	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [4]
Lead	8.2	3.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [4]
Magnesium	5310	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [4]
Manganese	<15	15	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [4]
Mercury	<0.20	0.20	ug/l	1	08/12/04	08/13/04	WG	SW846 7470A [3]	SW846 7470A [5]
Nickel	<40	40	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [4]
Potassium	<5000	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [4]
Selenium	<5.0	5.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [4]
Silver	<10	10	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [4]
Sodium	10300	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [4]
Thallium	<1.0	1.0	ug/l	2	08/12/04	08/12/04	ND	SW846 6020 [1]	SW846 3010A [4]
Vanadium	<50	50	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [4]
Zinc	57.0	20	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [4]

(1) Instrument QC Batch: MA14277
(2) Instrument QC Batch: MA14278
(3) Instrument QC Batch: MA14280
(4) Prep QC Batch: MP26767
(5) Prep QC Batch: MP26774

RL = Reporting Limit

Report of Analysis

Client Sample ID:	RW0804-CAMPBARHAM		
Lab Sample ID:	N74646-8	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
		Percent Solids:	n/a
Project:	Former Camp Butner, NC		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	<0.010	0.010	mg/l	1	08/16/04 09:52	JH	SW846 9012A

RL = Reporting Limit

Report of Analysis

Client Sample ID:	RW0804-CAMPBARHAM		
Lab Sample ID:	N74646-8F	**Date Sampled:**	08/10/04
Matrix:	AQ - Groundwater Filtered	**Date Received:**	08/11/04
		Percent Solids:	n/a
Project:	Former Camp Butner, NC		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum [a]	<200	200	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Antimony [a]	<5.0	5.0	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Arsenic [a]	<5.0	5.0	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Barium [a]	<200	200	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Beryllium [a]	<2.0	2.0	ug/l	2	08/12/04	08/12/04	ND	SW846 6020 [1]	SW846 3010A [4]
Cadmium [a]	<4.0	4.0	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Calcium [a]	22900	5000	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Chromium [a]	<10	10	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Cobalt [a]	<50	50	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Copper [a]	<25	25	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Iron [a]	<100	100	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Lead [a]	35.7	3.0	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Magnesium [a]	5260	5000	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Manganese [a]	<15	15	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Mercury [a]	<0.20	0.20	ug/l	1	08/12/04	08/13/04	WG	SW846 7470A [3]	SW846 7470A [5]
Nickel [a]	<40	40	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Potassium [a]	<5000	5000	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Selenium [a]	<5.0	5.0	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Silver [a]	<10	10	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Sodium [a]	10300	5000	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Thallium [a]	<1.0	1.0	ug/l	2	08/12/04	08/12/04	ND	SW846 6020 [1]	SW846 3010A [4]
Vanadium [a]	<50	50	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Zinc [a]	69.9	20	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]

(1) Instrument QC Batch: MA14277
(2) Instrument QC Batch: MA14278
(3) Instrument QC Batch: MA14280
(4) Prep QC Batch: MP26767
(5) Prep QC Batch: MP26774

(a) Reported results are dissolved metals.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-4051-RANGERD		
Lab Sample ID:	N74646-9	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	D85575.D	1	08/13/04	YL	n/a	n/a	VD3413
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (OLM4.2)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.3	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.54	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.11	ug/l	
75-25-2	Bromoform	ND	4.0	0.17	ug/l	
74-83-9	Bromomethane	ND	2.0	0.15	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.5	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.23	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.15	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.23	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.081	ug/l	
74-87-3	Chloromethane	ND	1.0	0.13	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.17	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.47	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.18	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.29	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.62	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.13	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.81	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.24	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.17	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.11	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.071	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.080	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.35	ug/l	
591-78-6	2-Hexanone	ND	5.0	0.73	ug/l	

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-4051-RANGERD		
Lab Sample ID:	N74646-9	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

VOA TCL List (OLM4.2)

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.0	0.33	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.63	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.16	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.28	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.59	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
100-42-5	Styrene	ND	5.0	0.12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.14	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.37	ug/l	
108-88-3	Toluene	ND	1.0	0.14	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.17	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.61	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.17	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.13	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.67	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.66	ug/l	
	m,p-Xylene	ND	1.0	0.36	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		79-119%
17060-07-0	1,2-Dichloroethane-D4	99%		68-129%
2037-26-5	Toluene-D8	98%		83-118%
460-00-4	4-Bromofluorobenzene	102%		82-120%

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-4051-RANGERD		
Lab Sample ID:	N74646-9	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F44538.D	1	08/17/04	NAP	08/11/04	OP17687	EF2403
Run #2							

	Initial Volume	Final Volume
Run #1	980 ml	1.0 ml
Run #2		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.1	4.3	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.1	4.8	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.1	0.74	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.1	1.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	1.1	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	20	0.66	ug/l	
95-48-7	2-Methylphenol	ND	5.1	0.74	ug/l	
	3&4-Methylphenol	ND	5.1	0.72	ug/l	
88-75-5	2-Nitrophenol	ND	5.1	0.75	ug/l	
100-02-7	4-Nitrophenol	ND	20	2.3	ug/l	
108-95-2	Phenol	ND	5.1	1.8	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.1	1.3	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.1	0.76	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.1	0.82	ug/l	
83-32-9	Acenaphthene	ND	2.0	0.30	ug/l	
208-96-8	Acenaphthylene	ND	2.0	0.35	ug/l	
98-86-2	Acetophenone	ND	5.1	0.54	ug/l	
120-12-7	Anthracene	ND	2.0	0.22	ug/l	
1912-24-9	Atrazine	ND	5.1	1.5	ug/l	
100-52-7	Benzaldehyde	ND	5.1	3.7	ug/l	
56-55-3	Benzo(a)anthracene	ND	2.0	0.28	ug/l	
50-32-8	Benzo(a)pyrene	ND	2.0	0.39	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	2.0	0.38	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	2.0	0.51	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	2.0	0.38	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.55	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.55	ug/l	
92-52-4	1,1'-Biphenyl	ND	2.0	0.29	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.1	0.38	ug/l	
106-47-8	4-Chloroaniline	ND	5.1	0.44	ug/l	
86-74-8	Carbazole	ND	2.0	0.35	ug/l	
105-60-2	Caprolactam	ND	2.0	0.45	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-4051-RANGERD		
Lab Sample ID:	N74646-9	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	2.0	0.27	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.34	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.49	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.0	0.45	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.0	0.79	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.0	0.63	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.1	0.40	ug/l	
123-91-1	**1,4-Dioxane**	ND	2.0	1.3	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	2.0	0.59	ug/l	
132-64-9	Dibenzofuran	ND	5.1	0.50	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.80	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	0.64	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	1.5	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.59	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	0.75	ug/l	
206-44-0	Fluoranthene	ND	2.0	0.65	ug/l	
86-73-7	Fluorene	ND	2.0	0.91	ug/l	
118-74-1	Hexachlorobenzene	ND	2.0	1.2	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.42	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	20	0.46	ug/l	
67-72-1	Hexachloroethane	ND	5.1	0.68	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.0	1.6	ug/l	
78-59-1	Isophorone	ND	2.0	0.55	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.0	0.74	ug/l	
88-74-4	2-Nitroaniline	ND	5.1	1.4	ug/l	
99-09-2	3-Nitroaniline	ND	5.1	1.2	ug/l	
100-01-6	4-Nitroaniline	ND	5.1	1.1	ug/l	
91-20-3	Naphthalene	ND	2.0	1.0	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.62	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	0.51	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.1	0.81	ug/l	
85-01-8	Phenanthrene	ND	2.0	0.24	ug/l	
129-00-0	Pyrene	ND	2.0	0.60	ug/l	
95-94-3	**1,2,4,5-Tetrachlorobenzene**	ND	5.1	0.64	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	59%		10-88%
4165-62-2	Phenol-d5	36%		10-71%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-4051-RANGERD		
Lab Sample ID:	N74646-9	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

ABN TCL List (CLP4.2 list)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	90%		45-134%
4165-60-0	Nitrobenzene-d5	92%		32-128%
321-60-8	2-Fluorobiphenyl	93%		34-121%
1718-51-0	Terphenyl-d14	108%		41-129%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-4051-RANGERD		
Lab Sample ID:	N74646-9	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8081A SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OA14991.D	1	08/13/04	OPM	08/11/04	OP17688	GOA439
Run #2							

	Initial Volume	Final Volume
Run #1	940 ml	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.021	0.0084	ug/l	
319-84-6	alpha-BHC	ND	0.021	0.013	ug/l	
319-85-7	beta-BHC	ND	0.021	0.0091	ug/l	
319-86-8	delta-BHC	ND	0.021	0.010	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.021	0.0028	ug/l	
5103-71-9	alpha-Chlordane	ND	0.021	0.019	ug/l	
5103-74-2	gamma-Chlordane	ND	0.021	0.013	ug/l	
60-57-1	Dieldrin	ND	0.021	0.014	ug/l	
72-54-8	4,4'-DDD	ND	0.021	0.018	ug/l	
72-55-9	4,4'-DDE	ND	0.021	0.0043	ug/l	
50-29-3	4,4'-DDT	ND	0.021	0.019	ug/l	
72-20-8	Endrin	ND	0.021	0.012	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.021	0.014	ug/l	
7421-93-4	Endrin aldehyde	ND	0.021	0.021	ug/l	
53494-70-5	Endrin ketone	ND	0.053	0.0057	ug/l	
959-98-8	Endosulfan-I	ND	0.021	0.0031	ug/l	
33213-65-9	Endosulfan-II	ND	0.021	0.0030	ug/l	
76-44-8	Heptachlor	ND	0.021	0.0063	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.021	0.012	ug/l	
72-43-5	Methoxychlor	ND	0.053	0.012	ug/l	
8001-35-2	Toxaphene	ND	0.27	0.26	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	97%		35-138%
877-09-8	Tetrachloro-m-xylene	93%		35-138%
2051-24-3	Decachlorobiphenyl	99%		19-153%
2051-24-3	Decachlorobiphenyl	99%		19-153%

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-4051-RANGERD		
Lab Sample ID:	N74646-9	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF53449.D	1	08/14/04	OYA	08/11/04	OP17689	GEF2576
Run #2							

	Initial Volume	Final Volume
Run #1	940 ml	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.53	0.080	ug/l	
11104-28-2	Aroclor 1221	ND	0.53	0.090	ug/l	
11141-16-5	Aroclor 1232	ND	0.53	0.13	ug/l	
53469-21-9	Aroclor 1242	ND	0.53	0.14	ug/l	
12672-29-6	Aroclor 1248	ND	0.53	0.076	ug/l	
11097-69-1	Aroclor 1254	ND	0.53	0.076	ug/l	
11096-82-5	Aroclor 1260	ND	0.53	0.11	ug/l	
11100-14-4	**Aroclor 1268**	ND	0.53		ug/l	
37324-23-5	**Aroclor 1262**	ND	0.53		ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	88%		27-140%
877-09-8	Tetrachloro-m-xylene	94%		27-140%
2051-24-3	Decachlorobiphenyl	107%		19-151%
2051-24-3	Decachlorobiphenyl	109%		19-151%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-4051-RANGERD		
Lab Sample ID:	N74646-9	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8151 SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G11105.D	1	08/12/04	KLS	08/11/04	OP17690	G1G277
Run #2							

	Initial Volume	Final Volume
Run #1	940 ml	10.0 ml
Run #2		

Herbicide List

CAS No.	Compound	Result	RL	MDL	Units	Q
94-75-7	2,4-D	ND	0.53	0.30	ug/l	
93-72-1	2,4,5-TP (Silvex)	ND	0.16	0.13	ug/l	
93-76-5	2,4,5-T	ND	0.21	0.21	ug/l	
87-86-5	Pentachlorophenol	ND	0.16	0.12	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	100%		54-141%
19719-28-9	2,4-DCAA	92%		54-141%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-4051-RANGERD		
Lab Sample ID:	N74646-9	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
		Percent Solids:	n/a
Project:	Former Camp Butner, NC		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	<200	200	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [5]
Antimony	<5.0	5.0	ug/l	1	08/12/04	08/17/04	ND	SW846 6010B [4]	SW846 3010A [5]
Arsenic	<5.0	5.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [5]
Barium	<200	200	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [5]
Beryllium	<2.0	2.0	ug/l	2	08/12/04	08/12/04	ND	SW846 6020 [1]	SW846 3010A [5]
Cadmium	<4.0	4.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [5]
Calcium	25000	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [5]
Chromium	<10	10	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [5]
Cobalt	<50	50	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [5]
Copper	<25	25	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [5]
Iron	619	100	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [5]
Lead	<3.0	3.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [5]
Magnesium	<5000	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [5]
Manganese	366	15	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [5]
Mercury	<0.20	0.20	ug/l	1	08/12/04	08/13/04	WG	SW846 7470A [3]	SW846 7470A [6]
Nickel	<40	40	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [5]
Potassium	<5000	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [5]
Selenium	<5.0	5.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [5]
Silver	<10	10	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [5]
Sodium	12200	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [5]
Thallium	<1.0	1.0	ug/l	2	08/12/04	08/12/04	ND	SW846 6020 [1]	SW846 3010A [5]
Vanadium	<50	50	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [5]
Zinc	270	20	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [5]

(1) Instrument QC Batch: MA14277
(2) Instrument QC Batch: MA14278
(3) Instrument QC Batch: MA14280
(4) Instrument QC Batch: MA14293
(5) Prep QC Batch: MP26767
(6) Prep QC Batch: MP26774

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-4051-RANGERD		
Lab Sample ID:	N74646-9	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
		Percent Solids:	n/a
Project:	Former Camp Butner, NC		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	<0.010	0.010	mg/l	1	08/16/04 09:54	JH	SW846 9012A

RL = Reporting Limit

Report of Analysis

Client Sample ID:	RW0804-4051-RANGERD		
Lab Sample ID:	N74646-9F	**Date Sampled:**	08/10/04
Matrix:	AQ - Groundwater Filtered	**Date Received:**	08/11/04
		Percent Solids:	n/a
Project:	Former Camp Butner, NC		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum [a]	<200	200	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Antimony [a]	<5.0	5.0	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Arsenic [a]	<5.0	5.0	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Barium [a]	<200	200	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Beryllium [a]	<2.0	2.0	ug/l	2	08/12/04	08/12/04	ND	SW846 6020 [1]	SW846 3010A [4]
Cadmium [a]	<4.0	4.0	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Calcium [a]	23900	5000	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Chromium [a]	<10	10	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Cobalt [a]	<50	50	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Copper [a]	<25	25	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Iron [a]	<100	100	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Lead [a]	<3.0	3.0	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Magnesium [a]	<5000	5000	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Manganese [a]	346	15	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Mercury [a]	<0.20	0.20	ug/l	1	08/12/04	08/13/04	WG	SW846 7470A [3]	SW846 7470A [5]
Nickel [a]	<40	40	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Potassium [a]	<5000	5000	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Selenium [a]	<5.0	5.0	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Silver [a]	<10	10	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Sodium [a]	11700	5000	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Thallium [a]	<1.0	1.0	ug/l	2	08/12/04	08/12/04	ND	SW846 6020 [1]	SW846 3010A [4]
Vanadium [a]	<50	50	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Zinc [a]	226	20	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]

(1) Instrument QC Batch: MA14277
(2) Instrument QC Batch: MA14278
(3) Instrument QC Batch: MA14280
(4) Prep QC Batch: MP26767
(5) Prep QC Batch: MP26774

(a) Reported results are dissolved metals.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-CAMPEASON		
Lab Sample ID:	N74646-10	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	D85576.D	1	08/13/04	YL	n/a	n/a	VD3413
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (OLM4.2)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.3	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.54	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.11	ug/l	
75-25-2	Bromoform	ND	4.0	0.17	ug/l	
74-83-9	Bromomethane	ND	2.0	0.15	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.5	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.23	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.15	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.23	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	0.23	1.0	0.081	ug/l	J
74-87-3	Chloromethane	ND	1.0	0.13	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.17	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.47	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.18	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.29	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.62	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.13	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.81	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.24	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.17	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.11	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.071	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.080	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.35	ug/l	
591-78-6	2-Hexanone	ND	5.0	0.73	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-CAMPEASON		
Lab Sample ID:	N74646-10	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

VOA TCL List (OLM4.2)

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.0	0.33	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.63	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.16	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.28	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.59	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
100-42-5	Styrene	ND	5.0	0.12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.14	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.37	ug/l	
108-88-3	Toluene	ND	1.0	0.14	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.17	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.61	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.17	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.13	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.67	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.66	ug/l	
	m,p-Xylene	ND	1.0	0.36	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		79-119%
17060-07-0	1,2-Dichloroethane-D4	99%		68-129%
2037-26-5	Toluene-D8	98%		83-118%
460-00-4	4-Bromofluorobenzene	102%		82-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-CAMPEASON		
Lab Sample ID:	N74646-10	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F44539.D	1	08/17/04	NAP	08/11/04	OP17687	EF2403
Run #2							

	Initial Volume	Final Volume
Run #1	910 ml	1.0 ml
Run #2		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.5	4.7	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.5	5.2	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.5	0.80	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.5	1.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	22	1.2	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	22	0.71	ug/l	
95-48-7	2-Methylphenol	ND	5.5	0.79	ug/l	
	3&4-Methylphenol	ND	5.5	0.77	ug/l	
88-75-5	2-Nitrophenol	ND	5.5	0.80	ug/l	
100-02-7	4-Nitrophenol	ND	22	2.5	ug/l	
108-95-2	Phenol	ND	5.5	1.9	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.5	1.4	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.5	0.82	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.5	0.88	ug/l	
83-32-9	Acenaphthene	ND	2.2	0.32	ug/l	
208-96-8	Acenaphthylene	ND	2.2	0.38	ug/l	
98-86-2	Acetophenone	ND	5.5	0.59	ug/l	
120-12-7	Anthracene	ND	2.2	0.24	ug/l	
1912-24-9	Atrazine	ND	5.5	1.6	ug/l	
100-52-7	Benzaldehyde	ND	5.5	4.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	2.2	0.30	ug/l	
50-32-8	Benzo(a)pyrene	ND	2.2	0.42	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	2.2	0.41	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	2.2	0.55	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	2.2	0.41	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.2	0.59	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.2	0.59	ug/l	
92-52-4	1,1'-Biphenyl	ND	2.2	0.32	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.5	0.41	ug/l	
106-47-8	4-Chloroaniline	ND	5.5	0.47	ug/l	
86-74-8	Carbazole	ND	2.2	0.37	ug/l	
105-60-2	Caprolactam	ND	2.2	0.48	ug/l	

ND = Not detected MDL - Method Detection Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-CAMPEASON		
Lab Sample ID:	N74646-10	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	2.2	0.29	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.2	0.37	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.2	0.53	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.2	0.48	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.2	1.1	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.2	0.85	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.2	0.68	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.5	0.43	ug/l	
123-91-1	**1,4-Dioxane**	ND	2.2	1.5	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	2.2	0.64	ug/l	
132-64-9	Dibenzofuran	ND	5.5	0.54	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.2	0.86	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.2	0.69	ug/l	
84-66-2	Diethyl phthalate	ND	2.2	1.6	ug/l	
131-11-3	Dimethyl phthalate	ND	2.2	0.63	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	9.3	2.2	0.81	ug/l	
206-44-0	Fluoranthene	ND	2.2	0.70	ug/l	
86-73-7	Fluorene	ND	2.2	0.98	ug/l	
118-74-1	Hexachlorobenzene	ND	2.2	1.3	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.2	0.45	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	22	0.49	ug/l	
67-72-1	Hexachloroethane	ND	5.5	0.73	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.2	1.7	ug/l	
78-59-1	Isophorone	ND	2.2	0.59	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.2	0.79	ug/l	
88-74-4	2-Nitroaniline	ND	5.5	1.5	ug/l	
99-09-2	3-Nitroaniline	ND	5.5	1.3	ug/l	
100-01-6	4-Nitroaniline	ND	5.5	1.2	ug/l	
91-20-3	Naphthalene	ND	2.2	1.1	ug/l	
98-95-3	Nitrobenzene	ND	2.2	0.67	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.2	0.55	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.5	0.87	ug/l	
85-01-8	Phenanthrene	ND	2.2	0.26	ug/l	
129-00-0	Pyrene	ND	2.2	0.64	ug/l	
95-94-3	**1,2,4,5-Tetrachlorobenzene**	ND	5.5	0.69	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	66%		10-88%
4165-62-2	Phenol-d5	42%		10-71%

ND = Not detected MDL - Method Detection Limit
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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-CAMPEASON		
Lab Sample ID:	N74646-10	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

ABN TCL List (CLP4.2 list)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	94%		45-134%
4165-60-0	Nitrobenzene-d5	95%		32-128%
321-60-8	2-Fluorobiphenyl	96%		34-121%
1718-51-0	Terphenyl-d14	108%		41-129%

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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-CAMPEASON		
Lab Sample ID:	N74646-10	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8081A SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OA14992.D	1	08/13/04	OPM	08/11/04	OP17688	GOA439
Run #2							

	Initial Volume	Final Volume
Run #1	940 ml	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.021	0.0084	ug/l	
319-84-6	alpha-BHC	ND	0.021	0.013	ug/l	
319-85-7	beta-BHC	ND	0.021	0.0091	ug/l	
319-86-8	delta-BHC	ND	0.021	0.010	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.021	0.0028	ug/l	
5103-71-9	alpha-Chlordane	ND	0.021	0.019	ug/l	
5103-74-2	gamma-Chlordane	ND	0.021	0.013	ug/l	
60-57-1	Dieldrin	ND	0.021	0.014	ug/l	
72-54-8	4,4'-DDD	ND	0.021	0.018	ug/l	
72-55-9	4,4'-DDE	ND	0.021	0.0043	ug/l	
50-29-3	4,4'-DDT	ND	0.021	0.019	ug/l	
72-20-8	Endrin	ND	0.021	0.012	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.021	0.014	ug/l	
7421-93-4	Endrin aldehyde	ND	0.021	0.021	ug/l	
53494-70-5	Endrin ketone	ND	0.053	0.0057	ug/l	
959-98-8	Endosulfan-I	ND	0.021	0.0031	ug/l	
33213-65-9	Endosulfan-II	ND	0.021	0.0030	ug/l	
76-44-8	Heptachlor	ND	0.021	0.0063	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.021	0.012	ug/l	
72-43-5	Methoxychlor	ND	0.053	0.012	ug/l	
8001-35-2	Toxaphene	ND	0.27	0.26	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	85%		35-138%
877-09-8	Tetrachloro-m-xylene	81%		35-138%
2051-24-3	Decachlorobiphenyl	80%		19-153%
2051-24-3	Decachlorobiphenyl	77%		19-153%

ND = Not detected MDL - Method Detection Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-CAMPEASON		
Lab Sample ID:	N74646-10	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF53450.D	1	08/14/04	OYA	08/11/04	OP17689	GEF2576
Run #2							

	Initial Volume	Final Volume
Run #1	940 ml	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.53	0.080	ug/l	
11104-28-2	Aroclor 1221	ND	0.53	0.090	ug/l	
11141-16-5	Aroclor 1232	ND	0.53	0.13	ug/l	
53469-21-9	Aroclor 1242	ND	0.53	0.14	ug/l	
12672-29-6	Aroclor 1248	ND	0.53	0.076	ug/l	
11097-69-1	Aroclor 1254	ND	0.53	0.076	ug/l	
11096-82-5	Aroclor 1260	ND	0.53	0.11	ug/l	
11100-14-4	**Aroclor 1268**	ND	0.53		ug/l	
37324-23-5	**Aroclor 1262**	ND	0.53		ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	75%		27-140%
877-09-8	Tetrachloro-m-xylene	81%		27-140%
2051-24-3	Decachlorobiphenyl	82%		19-151%
2051-24-3	Decachlorobiphenyl	84%		19-151%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-CAMPEASON		
Lab Sample ID:	N74646-10	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8151 SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G11106.D	1	08/12/04	KLS	08/11/04	OP17690	G1G277
Run #2							

	Initial Volume	Final Volume
Run #1	870 ml	10.0 ml
Run #2		

Herbicide List

CAS No.	Compound	Result	RL	MDL	Units	Q
94-75-7	2,4-D	ND	0.57	0.32	ug/l	
93-72-1	2,4,5-TP (Silvex)	ND	0.17	0.14	ug/l	
93-76-5	2,4,5-T	ND	0.23	0.23	ug/l	
87-86-5	Pentachlorophenol	ND	0.17	0.13	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	99%		54-141%
19719-28-9	2,4-DCAA	91%		54-141%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-CAMPEASON		
Lab Sample ID:	N74646-10	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
		Percent Solids:	n/a
Project:	Former Camp Butner, NC		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	<200	200	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [4]
Antimony	<5.0	5.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [4]
Arsenic	<5.0	5.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [4]
Barium	<200	200	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [4]
Beryllium	<2.0	2.0	ug/l	2	08/12/04	08/12/04	ND	SW846 6020 [1]	SW846 3010A [4]
Cadmium	<4.0	4.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [4]
Calcium	10200	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [4]
Chromium	<10	10	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [4]
Cobalt	<50	50	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [4]
Copper	25.0	25	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [4]
Iron	<100	100	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [4]
Lead	12.1	3.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [4]
Magnesium	<5000	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [4]
Manganese	<15	15	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [4]
Mercury	<0.20	0.20	ug/l	1	08/12/04	08/13/04	WG	SW846 7470A [3]	SW846 7470A [5]
Nickel	<40	40	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [4]
Potassium	<5000	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [4]
Selenium	<5.0	5.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [4]
Silver	<10	10	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [4]
Sodium	10400	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [4]
Thallium	<1.0	1.0	ug/l	2	08/12/04	08/12/04	ND	SW846 6020 [1]	SW846 3010A [4]
Vanadium	<50	50	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [4]
Zinc	26.9	20	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [4]

(1) Instrument QC Batch: MA14277
(2) Instrument QC Batch: MA14278
(3) Instrument QC Batch: MA14280
(4) Prep QC Batch: MP26767
(5) Prep QC Batch: MP26774

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-CAMPEASON		
Lab Sample ID:	N74646-10	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
		Percent Solids:	n/a
Project:	Former Camp Butner, NC		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	<0.010	0.010	mg/l	1	08/16/04 09:55	JH	SW846 9012A

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-CAMPEASON		
Lab Sample ID:	N74646-10F	**Date Sampled:**	08/10/04
Matrix:	AQ - Groundwater Filtered	**Date Received:**	08/11/04
		Percent Solids:	n/a
Project:	Former Camp Butner, NC		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum [a]	<200	200	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Antimony [a]	<5.0	5.0	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Arsenic [a]	5.2	5.0	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Barium [a]	<200	200	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Beryllium [a]	<2.0	2.0	ug/l	2	08/12/04	08/12/04	ND	SW846 6020 [1]	SW846 3010A [4]
Cadmium [a]	<4.0	4.0	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Calcium [a]	10400	5000	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Chromium [a]	<10	10	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Cobalt [a]	<50	50	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Copper [a]	<25	25	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Iron [a]	<100	100	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Lead [a]	<3.0	3.0	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Magnesium [a]	<5000	5000	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Manganese [a]	<15	15	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Mercury [a]	<0.20	0.20	ug/l	1	08/12/04	08/13/04	WG	SW846 7470A [3]	SW846 7470A [5]
Nickel [a]	<40	40	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Potassium [a]	<5000	5000	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Selenium [a]	<5.0	5.0	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Silver [a]	<10	10	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Sodium [a]	10200	5000	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Thallium [a]	<1.0	1.0	ug/l	2	08/12/04	08/12/04	ND	SW846 6020 [1]	SW846 3010A [4]
Vanadium [a]	<50	50	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]
Zinc [a]	22.2	20	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [4]

(1) Instrument QC Batch: MA14277
(2) Instrument QC Batch: MA14278
(3) Instrument QC Batch: MA14280
(4) Prep QC Batch: MP26767
(5) Prep QC Batch: MP26774

(a) Reported results are dissolved metals.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-750-LITTLEMOUNTAIN		
Lab Sample ID:	N74646-11	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	D85577.D	1	08/13/04	YL	n/a	n/a	VD3413
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (OLM4.2)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.3	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.54	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.11	ug/l	
75-25-2	Bromoform	ND	4.0	0.17	ug/l	
74-83-9	Bromomethane	ND	2.0	0.15	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.5	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.23	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.15	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.23	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.081	ug/l	
74-87-3	Chloromethane	ND	1.0	0.13	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.17	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.47	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.18	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.29	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.62	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.13	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.81	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.24	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.17	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.11	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.071	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.080	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.35	ug/l	
591-78-6	2-Hexanone	ND	5.0	0.73	ug/l	

ND = Not detected MDL - Method Detection Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-750-LITTLEMOUNTAIN		
Lab Sample ID:	N74646-11	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

VOA TCL List (OLM4.2)

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.0	0.33	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.63	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.16	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.28	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.59	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
100-42-5	Styrene	ND	5.0	0.12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.14	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.37	ug/l	
108-88-3	Toluene	ND	1.0	0.14	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.17	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.61	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.17	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.13	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.67	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.66	ug/l	
	m,p-Xylene	ND	1.0	0.36	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		79-119%
17060-07-0	1,2-Dichloroethane-D4	101%		68-129%
2037-26-5	Toluene-D8	98%		83-118%
460-00-4	4-Bromofluorobenzene	102%		82-120%

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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-750-LITTLEMOUNTAIN		
Lab Sample ID:	N74646-11	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F44540.D	1	08/18/04	NAP	08/11/04	OP17687	EF2403
Run #2							

	Initial Volume	Final Volume
Run #1	910 ml	1.0 ml
Run #2		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.5	4.7	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.5	5.2	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.5	0.80	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.5	1.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	22	1.2	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	22	0.71	ug/l	
95-48-7	2-Methylphenol	ND	5.5	0.79	ug/l	
	3&4-Methylphenol	ND	5.5	0.77	ug/l	
88-75-5	2-Nitrophenol	ND	5.5	0.80	ug/l	
100-02-7	4-Nitrophenol	ND	22	2.5	ug/l	
108-95-2	Phenol	ND	5.5	1.9	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.5	1.4	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.5	0.82	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.5	0.88	ug/l	
83-32-9	Acenaphthene	ND	2.2	0.32	ug/l	
208-96-8	Acenaphthylene	ND	2.2	0.38	ug/l	
98-86-2	Acetophenone	ND	5.5	0.59	ug/l	
120-12-7	Anthracene	ND	2.2	0.24	ug/l	
1912-24-9	Atrazine	ND	5.5	1.6	ug/l	
100-52-7	Benzaldehyde	ND	5.5	4.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	2.2	0.30	ug/l	
50-32-8	Benzo(a)pyrene	ND	2.2	0.42	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	2.2	0.41	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	2.2	0.55	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	2.2	0.41	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.2	0.59	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.2	0.59	ug/l	
92-52-4	1,1'-Biphenyl	ND	2.2	0.32	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.5	0.41	ug/l	
106-47-8	4-Chloroaniline	ND	5.5	0.47	ug/l	
86-74-8	Carbazole	ND	2.2	0.37	ug/l	
105-60-2	Caprolactam	ND	2.2	0.48	ug/l	

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-750-LITTLEMOUNTAIN		
Lab Sample ID:	N74646-11	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	2.2	0.29	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.2	0.37	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.2	0.53	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.2	0.48	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.2	1.1	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.2	0.85	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.2	0.68	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.5	0.43	ug/l	
123-91-1	**1,4-Dioxane**	ND	2.2	1.5	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	2.2	0.64	ug/l	
132-64-9	Dibenzofuran	ND	5.5	0.54	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.2	0.86	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.2	0.69	ug/l	
84-66-2	Diethyl phthalate	ND	2.2	1.6	ug/l	
131-11-3	Dimethyl phthalate	ND	2.2	0.63	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.2	0.81	ug/l	
206-44-0	Fluoranthene	ND	2.2	0.70	ug/l	
86-73-7	Fluorene	ND	2.2	0.98	ug/l	
118-74-1	Hexachlorobenzene	ND	2.2	1.3	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.2	0.45	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	22	0.49	ug/l	
67-72-1	Hexachloroethane	ND	5.5	0.73	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.2	1.7	ug/l	
78-59-1	Isophorone	ND	2.2	0.59	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.2	0.79	ug/l	
88-74-4	2-Nitroaniline	ND	5.5	1.5	ug/l	
99-09-2	3-Nitroaniline	ND	5.5	1.3	ug/l	
100-01-6	4-Nitroaniline	ND	5.5	1.2	ug/l	
91-20-3	Naphthalene	ND	2.2	1.1	ug/l	
98-95-3	Nitrobenzene	ND	2.2	0.67	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.2	0.55	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.5	0.87	ug/l	
85-01-8	Phenanthrene	ND	2.2	0.26	ug/l	
129-00-0	Pyrene	ND	2.2	0.64	ug/l	
95-94-3	**1,2,4,5-Tetrachlorobenzene**	ND	5.5	0.69	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	67%		10-88%
4165-62-2	Phenol-d5	42%		10-71%

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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-750-LITTLEMOUNTAIN		
Lab Sample ID:	N74646-11	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

ABN TCL List (CLP4.2 list)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	95%		45-134%
4165-60-0	Nitrobenzene-d5	97%		32-128%
321-60-8	2-Fluorobiphenyl	101%		34-121%
1718-51-0	Terphenyl-d14	110%		41-129%

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N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-750-LITTLEMOUNTAIN		
Lab Sample ID:	N74646-11	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8081A SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OA14993.D	1	08/13/04	OPM	08/11/04	OP17688	GOA439
Run #2							

	Initial Volume	Final Volume
Run #1	950 ml	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.021	0.0084	ug/l	
319-84-6	alpha-BHC	ND	0.021	0.013	ug/l	
319-85-7	beta-BHC	ND	0.021	0.0090	ug/l	
319-86-8	delta-BHC	ND	0.021	0.010	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.021	0.0028	ug/l	
5103-71-9	alpha-Chlordane	ND	0.021	0.019	ug/l	
5103-74-2	gamma-Chlordane	ND	0.021	0.013	ug/l	
60-57-1	Dieldrin	ND	0.021	0.013	ug/l	
72-54-8	4,4'-DDD	ND	0.021	0.017	ug/l	
72-55-9	4,4'-DDE	ND	0.021	0.0043	ug/l	
50-29-3	4,4'-DDT	ND	0.021	0.019	ug/l	
72-20-8	Endrin	ND	0.021	0.012	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.021	0.014	ug/l	
7421-93-4	Endrin aldehyde	ND	0.021	0.021	ug/l	
53494-70-5	Endrin ketone	ND	0.053	0.0056	ug/l	
959-98-8	Endosulfan-I	ND	0.021	0.0031	ug/l	
33213-65-9	Endosulfan-II	ND	0.021	0.0030	ug/l	
76-44-8	Heptachlor	ND	0.021	0.0062	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.021	0.012	ug/l	
72-43-5	Methoxychlor	ND	0.053	0.012	ug/l	
8001-35-2	Toxaphene	ND	0.26	0.26	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	95%		35-138%
877-09-8	Tetrachloro-m-xylene	91%		35-138%
2051-24-3	Decachlorobiphenyl	95%		19-153%
2051-24-3	Decachlorobiphenyl	98%		19-153%

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J = Indicates an estimated value
B = Indicates analyte found in associated method bl

N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-750-LITTLEMOUNTAIN		
Lab Sample ID:	N74646-11	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF53453.D	1	08/14/04	OYA	08/11/04	OP17689	GEF2576
Run #2							

	Initial Volume	Final Volume
Run #1	950 ml	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.53	0.079	ug/l	
11104-28-2	Aroclor 1221	ND	0.53	0.089	ug/l	
11141-16-5	Aroclor 1232	ND	0.53	0.13	ug/l	
53469-21-9	Aroclor 1242	ND	0.53	0.14	ug/l	
12672-29-6	Aroclor 1248	ND	0.53	0.076	ug/l	
11097-69-1	Aroclor 1254	ND	0.53	0.076	ug/l	
11096-82-5	Aroclor 1260	ND	0.53	0.11	ug/l	
11100-14-4	**Aroclor 1268**	ND	0.53		ug/l	
37324-23-5	**Aroclor 1262**	ND	0.53		ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	85%		27-140%
877-09-8	Tetrachloro-m-xylene	91%		27-140%
2051-24-3	Decachlorobiphenyl	99%		19-151%
2051-24-3	Decachlorobiphenyl	101%		19-151%

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-750-LITTLEMOUNTAIN		
Lab Sample ID:	N74646-11	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8151 SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G11107.D	1	08/12/04	KLS	08/11/04	OP17690	G1G277
Run #2							

	Initial Volume	Final Volume
Run #1	800 ml	10.0 ml
Run #2		

Herbicide List

CAS No.	Compound	Result	RL	MDL	Units	Q
94-75-7	2,4-D	ND	0.63	0.35	ug/l	
93-72-1	2,4,5-TP (Silvex)	ND	0.19	0.16	ug/l	
93-76-5	2,4,5-T	ND	0.25	0.25	ug/l	
87-86-5	Pentachlorophenol	ND	0.19	0.15	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	100%		54-141%
19719-28-9	2,4-DCAA	92%		54-141%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method bl

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-750-LITTLEMOUNTAIN		
Lab Sample ID:	N74646-11	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
		Percent Solids:	n/a
Project:	Former Camp Butner, NC		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	<200	200	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [5]
Antimony	<5.0	5.0	ug/l	1	08/12/04	08/17/04	ND	SW846 6010B [4]	SW846 3010A [5]
Arsenic	<5.0	5.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [5]
Barium	<200	200	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [5]
Beryllium	<2.0	2.0	ug/l	2	08/12/04	08/12/04	ND	SW846 6020 [1]	SW846 3010A [5]
Cadmium	<4.0	4.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [5]
Calcium	72200	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [5]
Chromium	<10	10	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [5]
Cobalt	<50	50	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [5]
Copper	<25	25	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [5]
Iron	<100	100	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [5]
Lead	<3.0	3.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [5]
Magnesium	8000	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [5]
Manganese	177	15	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [5]
Mercury	<0.20	0.20	ug/l	1	08/12/04	08/13/04	WG	SW846 7470A [3]	SW846 7470A [6]
Nickel	<40	40	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [5]
Potassium	<5000	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [5]
Selenium	<5.0	5.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [5]
Silver	<10	10	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [5]
Sodium	15000	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [5]
Thallium	<1.0	1.0	ug/l	2	08/12/04	08/12/04	ND	SW846 6020 [1]	SW846 3010A [5]
Vanadium	<50	50	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [5]
Zinc	<20	20	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [2]	SW846 3010A [5]

(1) Instrument QC Batch: MA14277
(2) Instrument QC Batch: MA14278
(3) Instrument QC Batch: MA14280
(4) Instrument QC Batch: MA14293
(5) Prep QC Batch: MP26767
(6) Prep QC Batch: MP26774

RL = Reporting Limit

Report of Analysis

Client Sample ID:	RW0804-750-LITTLEMOUNTAIN		
Lab Sample ID:	N74646-11	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
		Percent Solids:	n/a
Project:	Former Camp Butner, NC		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	<0.010	0.010	mg/l	1	08/16/04 09:56	JH	SW846 9012A

RL = Reporting Limit

Report of Analysis

Client Sample ID:	RW0804-750-LITTLEMOUNTAIN		
Lab Sample ID:	N74646-11F	**Date Sampled:**	08/10/04
Matrix:	AQ - Groundwater Filtered	**Date Received:**	08/11/04
		Percent Solids:	n/a
Project:	Former Camp Butner, NC		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum [a]	<200	200	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [5]
Antimony [a]	<5.0	5.0	ug/l	1	08/12/04	08/17/04	ND	SW846 6010B [4]	SW846 3010A [5]
Arsenic [a]	<5.0	5.0	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [5]
Barium [a]	<200	200	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [5]
Beryllium [a]	<2.0	2.0	ug/l	2	08/12/04	08/12/04	ND	SW846 6020 [1]	SW846 3010A [5]
Cadmium [a]	<4.0	4.0	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [5]
Calcium [a]	71500	5000	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [5]
Chromium [a]	<10	10	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [5]
Cobalt [a]	<50	50	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [5]
Copper [a]	<25	25	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [5]
Iron [a]	<100	100	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [5]
Lead [a]	<3.0	3.0	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [5]
Magnesium [a]	7980	5000	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [5]
Manganese [a]	176	15	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [5]
Mercury [a]	<0.20	0.20	ug/l	1	08/12/04	08/13/04	WG	SW846 7470A [3]	SW846 7470A [6]
Nickel [a]	<40	40	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [5]
Potassium [a]	<5000	5000	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [5]
Selenium [a]	<5.0	5.0	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [5]
Silver [a]	<10	10	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [5]
Sodium [a]	14900	5000	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [5]
Thallium [a]	<1.0	1.0	ug/l	2	08/12/04	08/12/04	ND	SW846 6020 [1]	SW846 3010A [5]
Vanadium [a]	<50	50	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [5]
Zinc [a]	22.3	20	ug/l	1	08/12/04	08/13/04	ND	SW846 6010B [2]	SW846 3010A [5]

(1) Instrument QC Batch: MA14277
(2) Instrument QC Batch: MA14278
(3) Instrument QC Batch: MA14280
(4) Instrument QC Batch: MA14293
(5) Prep QC Batch: MP26767
(6) Prep QC Batch: MP26774

(a) Reported results are dissolved metals.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-191-FALCONLANE		
Lab Sample ID:	N74646-12	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	D85578.D	1	08/13/04	YL	n/a	n/a	VD3413
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (OLM4.2)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.3	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.54	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.11	ug/l	
75-25-2	Bromoform	ND	4.0	0.17	ug/l	
74-83-9	Bromomethane	ND	2.0	0.15	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.5	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.23	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.15	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.23	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.081	ug/l	
74-87-3	Chloromethane	ND	1.0	0.13	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.17	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.47	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.18	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.29	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.62	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.13	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.81	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.24	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.17	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.11	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.071	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.080	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.35	ug/l	
591-78-6	2-Hexanone	ND	5.0	0.73	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-191-FALCONLANE		
Lab Sample ID:	N74646-12	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

VOA TCL List (OLM4.2)

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.0	0.33	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.63	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.16	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.28	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.59	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
100-42-5	Styrene	ND	5.0	0.12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.14	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.37	ug/l	
108-88-3	Toluene	ND	1.0	0.14	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.17	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.61	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.17	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.13	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.67	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.66	ug/l	
	m,p-Xylene	ND	1.0	0.36	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		79-119%
17060-07-0	1,2-Dichloroethane-D4	100%		68-129%
2037-26-5	Toluene-D8	99%		83-118%
460-00-4	4-Bromofluorobenzene	101%		82-120%

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-191-FALCONLANE		
Lab Sample ID:	N74646-12	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F44541.D	1	08/18/04	NAP	08/11/04	OP17687	EF2403
Run #2							

	Initial Volume	Final Volume
Run #1	940 ml	1.0 ml
Run #2		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.3	4.5	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.3	5.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.3	0.78	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.3	1.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	21	1.1	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	21	0.69	ug/l	
95-48-7	2-Methylphenol	ND	5.3	0.77	ug/l	
	3&4-Methylphenol	ND	5.3	0.75	ug/l	
88-75-5	2-Nitrophenol	ND	5.3	0.78	ug/l	
100-02-7	4-Nitrophenol	ND	21	2.4	ug/l	
108-95-2	Phenol	ND	5.3	1.9	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.3	1.3	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.3	0.79	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.3	0.85	ug/l	
83-32-9	Acenaphthene	ND	2.1	0.31	ug/l	
208-96-8	Acenaphthylene	ND	2.1	0.37	ug/l	
98-86-2	Acetophenone	ND	5.3	0.57	ug/l	
120-12-7	Anthracene	ND	2.1	0.23	ug/l	
1912-24-9	Atrazine	ND	5.3	1.6	ug/l	
100-52-7	Benzaldehyde	ND	5.3	3.9	ug/l	
56-55-3	Benzo(a)anthracene	ND	2.1	0.29	ug/l	
50-32-8	Benzo(a)pyrene	ND	2.1	0.41	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	2.1	0.39	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	2.1	0.53	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	2.1	0.40	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.1	0.57	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.1	0.57	ug/l	
92-52-4	1,1'-Biphenyl	ND	2.1	0.31	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.3	0.40	ug/l	
106-47-8	4-Chloroaniline	ND	5.3	0.45	ug/l	
86-74-8	Carbazole	ND	2.1	0.36	ug/l	
105-60-2	Caprolactam	ND	2.1	0.47	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-191-FALCONLANE		
Lab Sample ID:	N74646-12	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	2.1	0.28	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.1	0.36	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.1	0.52	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.1	0.47	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.1	1.1	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.1	0.82	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.1	0.66	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.3	0.41	ug/l	
123-91-1	**1,4-Dioxane**	ND	2.1	1.4	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	2.1	0.62	ug/l	
132-64-9	Dibenzofuran	ND	5.3	0.52	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.1	0.84	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.1	0.67	ug/l	
84-66-2	Diethyl phthalate	ND	2.1	1.5	ug/l	
131-11-3	Dimethyl phthalate	ND	2.1	0.61	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.1	0.78	ug/l	
206-44-0	Fluoranthene	ND	2.1	0.67	ug/l	
86-73-7	Fluorene	ND	2.1	0.95	ug/l	
118-74-1	Hexachlorobenzene	ND	2.1	1.3	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.1	0.44	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	21	0.48	ug/l	
67-72-1	Hexachloroethane	ND	5.3	0.71	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.1	1.6	ug/l	
78-59-1	Isophorone	ND	2.1	0.57	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.1	0.77	ug/l	
88-74-4	2-Nitroaniline	ND	5.3	1.5	ug/l	
99-09-2	3-Nitroaniline	ND	5.3	1.3	ug/l	
100-01-6	4-Nitroaniline	ND	5.3	1.1	ug/l	
91-20-3	Naphthalene	ND	2.1	1.1	ug/l	
98-95-3	Nitrobenzene	ND	2.1	0.65	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.1	0.53	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.3	0.85	ug/l	
85-01-8	Phenanthrene	ND	2.1	0.25	ug/l	
129-00-0	Pyrene	ND	2.1	0.62	ug/l	
95-94-3	**1,2,4,5-Tetrachlorobenzene**	ND	5.3	0.67	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	62%		10-88%
4165-62-2	Phenol-d5	40%		10-71%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-191-FALCONLANE		
Lab Sample ID:	N74646-12	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

ABN TCL List (CLP4.2 list)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	95%		45-134%
4165-60-0	Nitrobenzene-d5	101%		32-128%
321-60-8	2-Fluorobiphenyl	98%		34-121%
1718-51-0	Terphenyl-d14	109%		41-129%

ND = Not detected MDL - Method Detection Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-191-FALCONLANE		
Lab Sample ID:	N74646-12	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8081A SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OA14994.D	1	08/13/04	OPM	08/11/04	OP17688	GOA439
Run #2							

	Initial Volume	Final Volume
Run #1	900 ml	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.022	0.0088	ug/l	
319-84-6	alpha-BHC	ND	0.022	0.014	ug/l	
319-85-7	beta-BHC	ND	0.022	0.0095	ug/l	
319-86-8	delta-BHC	ND	0.022	0.011	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.022	0.0029	ug/l	
5103-71-9	alpha-Chlordane	ND	0.022	0.020	ug/l	
5103-74-2	gamma-Chlordane	ND	0.022	0.014	ug/l	
60-57-1	Dieldrin	ND	0.022	0.014	ug/l	
72-54-8	4,4'-DDD	ND	0.022	0.018	ug/l	
72-55-9	4,4'-DDE	ND	0.022	0.0045	ug/l	
50-29-3	4,4'-DDT	ND	0.022	0.020	ug/l	
72-20-8	Endrin	ND	0.022	0.013	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.022	0.015	ug/l	
7421-93-4	Endrin aldehyde	ND	0.022	0.022	ug/l	
53494-70-5	Endrin ketone	ND	0.056	0.0059	ug/l	
959-98-8	Endosulfan-I	ND	0.022	0.0033	ug/l	
33213-65-9	Endosulfan-II	ND	0.022	0.0031	ug/l	
76-44-8	Heptachlor	ND	0.022	0.0065	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.022	0.012	ug/l	
72-43-5	Methoxychlor	ND	0.056	0.013	ug/l	
8001-35-2	Toxaphene	ND	0.28	0.27	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	93%		35-138%
877-09-8	Tetrachloro-m-xylene	89%		35-138%
2051-24-3	Decachlorobiphenyl	70%		19-153%
2051-24-3	Decachlorobiphenyl	72%		19-153%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-191-FALCONLANE		
Lab Sample ID:	N74646-12	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF53454.D	1	08/15/04	OYA	08/11/04	OP17689	GEF2576
Run #2							

	Initial Volume	Final Volume
Run #1	900 ml	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.56	0.084	ug/l	
11104-28-2	Aroclor 1221	ND	0.56	0.094	ug/l	
11141-16-5	Aroclor 1232	ND	0.56	0.14	ug/l	
53469-21-9	Aroclor 1242	ND	0.56	0.15	ug/l	
12672-29-6	Aroclor 1248	ND	0.56	0.080	ug/l	
11097-69-1	Aroclor 1254	ND	0.56	0.080	ug/l	
11096-82-5	Aroclor 1260	ND	0.56	0.11	ug/l	
11100-14-4	**Aroclor 1268**	ND	0.56		ug/l	
37324-23-5	**Aroclor 1262**	ND	0.56		ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	83%		27-140%
877-09-8	Tetrachloro-m-xylene	89%		27-140%
2051-24-3	Decachlorobiphenyl	77%		19-151%
2051-24-3	Decachlorobiphenyl	78%		19-151%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-191-FALCONLANE		
Lab Sample ID:	N74646-12	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8151 SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G11108.D	1	08/12/04	KLS	08/11/04	OP17690	G1G277
Run #2							

	Initial Volume	Final Volume
Run #1	820 ml	10.0 ml
Run #2		

Herbicide List

CAS No.	Compound	Result	RL	MDL	Units	Q
94-75-7	2,4-D	ND	0.61	0.34	ug/l	
93-72-1	2,4,5-TP (Silvex)	ND	0.18	0.15	ug/l	
93-76-5	2,4,5-T	ND	0.24	0.24	ug/l	
87-86-5	Pentachlorophenol	ND	0.18	0.14	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	102%		54-141%
19719-28-9	2,4-DCAA	94%		54-141%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-191-FALCONLANE		
Lab Sample ID:	N74646-12	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
		Percent Solids:	n/a
Project:	Former Camp Butner, NC		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	<200	200	ug/l	1	08/12/04	08/17/04	JDM	SW846 6010B [4]	SW846 3010A [5]
Antimony	<5.0	5.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Arsenic	<5.0	5.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Barium	<200	200	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Beryllium	<2.0	2.0	ug/l	2	08/12/04	08/16/04	ND	SW846 6020 [3]	SW846 3010A [7]
Cadmium	<4.0	4.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Calcium	69900	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Chromium	<10	10	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Cobalt	<50	50	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Copper	<25	25	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Iron	141	100	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Lead	<3.0	3.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Magnesium	6680	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Manganese	289	15	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Mercury	<0.20	0.20	ug/l	1	08/12/04	08/13/04	WG	SW846 7470A [2]	SW846 7470A [6]
Nickel	<40	40	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Potassium	<5000	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Selenium	<5.0	5.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Silver	<10	10	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Sodium	11700	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Thallium	<1.0	1.0	ug/l	2	08/12/04	08/16/04	ND	SW846 6020 [3]	SW846 3010A [7]
Vanadium	<50	50	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Zinc	26.3	20	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]

(1) Instrument QC Batch: MA14278
(2) Instrument QC Batch: MA14280
(3) Instrument QC Batch: MA14290
(4) Instrument QC Batch: MA14303
(5) Prep QC Batch: MP26768
(6) Prep QC Batch: MP26774
(7) Prep QC Batch: MP26857

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-191-FALCONLANE		
Lab Sample ID:	N74646-12	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
		Percent Solids:	n/a
Project:	Former Camp Butner, NC		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	<0.010	0.010	mg/l	1	08/16/04 09:57	JH	SW846 9012A

RL = Reporting Limit

Report of Analysis

Client Sample ID:	RW0804-191-FALCONLANE		
Lab Sample ID:	N74646-12F	**Date Sampled:**	08/10/04
Matrix:	AQ - Groundwater Filtered	**Date Received:**	08/11/04
		Percent Solids:	n/a
Project:	Former Camp Butner, NC		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum [a]	<200	200	ug/l	1	08/12/04	08/17/04	JDM	SW846 6010B [4]	SW846 3010A [5]
Antimony [a]	<5.0	5.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Arsenic [a]	<5.0	5.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Barium [a]	<200	200	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Beryllium [a]	<2.0	2.0	ug/l	2	08/12/04	08/16/04	ND	SW846 6020 [3]	SW846 3010A [7]
Cadmium [a]	<4.0	4.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Calcium [a]	72000	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Chromium [a]	<10	10	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Cobalt [a]	<50	50	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Copper [a]	<25	25	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Iron [a]	<100	100	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Lead [a]	<3.0	3.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Magnesium [a]	6840	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Manganese [a]	291	15	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Mercury [a]	<0.20	0.20	ug/l	1	08/12/04	08/13/04	WG	SW846 7470A [2]	SW846 7470A [6]
Nickel [a]	<40	40	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Potassium [a]	<5000	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Selenium [a]	<5.0	5.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Silver [a]	<10	10	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Sodium [a]	11700	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Thallium [a]	<1.0	1.0	ug/l	2	08/12/04	08/16/04	ND	SW846 6020 [3]	SW846 3010A [7]
Vanadium [a]	<50	50	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Zinc [a]	<20	20	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]

(1) Instrument QC Batch: MA14278
(2) Instrument QC Batch: MA14280
(3) Instrument QC Batch: MA14290
(4) Instrument QC Batch: MA14303
(5) Prep QC Batch: MP26768
(6) Prep QC Batch: MP26774
(7) Prep QC Batch: MP26857

(a) Reported results are dissolved metals.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-4149-RANGERD		
Lab Sample ID:	N74646-13	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	D85579.D	1	08/13/04	YL	n/a	n/a	VD3413
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (OLM4.2)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.3	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.54	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.11	ug/l	
75-25-2	Bromoform	ND	4.0	0.17	ug/l	
74-83-9	Bromomethane	ND	2.0	0.15	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.5	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.23	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.15	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.23	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.081	ug/l	
74-87-3	Chloromethane	ND	1.0	0.13	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.17	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.47	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.18	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.29	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.62	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.13	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.81	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.24	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.17	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.11	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.071	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.080	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.35	ug/l	
591-78-6	2-Hexanone	ND	5.0	0.73	ug/l	

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-4149-RANGERD		
Lab Sample ID:	N74646-13	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

VOA TCL List (OLM4.2)

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.0	0.33	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.63	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.16	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.28	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.59	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
100-42-5	Styrene	ND	5.0	0.12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.14	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.37	ug/l	
108-88-3	Toluene	ND	1.0	0.14	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.17	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.61	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.17	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.13	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.67	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.66	ug/l	
	m,p-Xylene	ND	1.0	0.36	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		79-119%
17060-07-0	1,2-Dichloroethane-D4	101%		68-129%
2037-26-5	Toluene-D8	98%		83-118%
460-00-4	4-Bromofluorobenzene	102%		82-120%

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RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-4149-RANGERD		
Lab Sample ID:	N74646-13	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F44542.D	1	08/18/04	NAP	08/11/04	OP17687	EF2403
Run #2							

	Initial Volume	Final Volume
Run #1	900 ml	1.0 ml
Run #2		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.6	4.7	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.6	5.3	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.6	0.81	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.6	1.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	22	1.2	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	22	0.72	ug/l	
95-48-7	2-Methylphenol	ND	5.6	0.80	ug/l	
	3&4-Methylphenol	ND	5.6	0.78	ug/l	
88-75-5	2-Nitrophenol	ND	5.6	0.81	ug/l	
100-02-7	4-Nitrophenol	ND	22	2.5	ug/l	
108-95-2	Phenol	ND	5.6	1.9	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.6	1.4	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.6	0.83	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.6	0.89	ug/l	
83-32-9	Acenaphthene	ND	2.2	0.33	ug/l	
208-96-8	Acenaphthylene	ND	2.2	0.39	ug/l	
98-86-2	Acetophenone	ND	5.6	0.59	ug/l	
120-12-7	Anthracene	ND	2.2	0.24	ug/l	
1912-24-9	Atrazine	ND	5.6	1.7	ug/l	
100-52-7	Benzaldehyde	ND	5.6	4.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	2.2	0.30	ug/l	
50-32-8	Benzo(a)pyrene	ND	2.2	0.43	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	2.2	0.41	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	2.2	0.55	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	2.2	0.42	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.2	0.60	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.2	0.60	ug/l	
92-52-4	1,1'-Biphenyl	ND	2.2	0.32	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.6	0.42	ug/l	
106-47-8	4-Chloroaniline	ND	5.6	0.47	ug/l	
86-74-8	Carbazole	ND	2.2	0.38	ug/l	
105-60-2	Caprolactam	ND	2.2	0.49	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-4149-RANGERD		
Lab Sample ID:	N74646-13	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	2.2	0.29	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.2	0.37	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.2	0.54	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.2	0.49	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.2	1.1	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.2	0.86	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.2	0.69	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.6	0.43	ug/l	
123-91-1	**1,4-Dioxane**	ND	2.2	1.5	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	2.2	0.64	ug/l	
132-64-9	Dibenzofuran	ND	5.6	0.54	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.2	0.87	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.2	0.70	ug/l	
84-66-2	Diethyl phthalate	ND	2.2	1.6	ug/l	
131-11-3	Dimethyl phthalate	ND	2.2	0.64	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.2	0.82	ug/l	
206-44-0	Fluoranthene	ND	2.2	0.70	ug/l	
86-73-7	Fluorene	ND	2.2	0.99	ug/l	
118-74-1	Hexachlorobenzene	ND	2.2	1.3	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.2	0.46	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	22	0.50	ug/l	
67-72-1	Hexachloroethane	ND	5.6	0.74	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.2	1.7	ug/l	
78-59-1	Isophorone	ND	2.2	0.60	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.2	0.80	ug/l	
88-74-4	2-Nitroaniline	ND	5.6	1.5	ug/l	
99-09-2	3-Nitroaniline	ND	5.6	1.4	ug/l	
100-01-6	4-Nitroaniline	ND	5.6	1.2	ug/l	
91-20-3	Naphthalene	ND	2.2	1.1	ug/l	
98-95-3	Nitrobenzene	ND	2.2	0.68	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.2	0.56	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.6	0.88	ug/l	
85-01-8	Phenanthrene	ND	2.2	0.26	ug/l	
129-00-0	Pyrene	ND	2.2	0.65	ug/l	
95-94-3	**1,2,4,5-Tetrachlorobenzene**	ND	5.6	0.70	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	70%		10-88%
4165-62-2	Phenol-d5	46%		10-71%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-4149-RANGERD		
Lab Sample ID:	N74646-13	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

ABN TCL List (CLP4.2 list)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	90%		45-134%
4165-60-0	Nitrobenzene-d5	92%		32-128%
321-60-8	2-Fluorobiphenyl	93%		34-121%
1718-51-0	Terphenyl-d14	107%		41-129%

ND = Not detected MDL - Method Detection Limit
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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-4149-RANGERD		
Lab Sample ID:	N74646-13	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8081A SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OA14995.D	1	08/13/04	OPM	08/11/04	OP17688	GOA439
Run #2							

	Initial Volume	Final Volume
Run #1	940 ml	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.021	0.0084	ug/l	
319-84-6	alpha-BHC	ND	0.021	0.013	ug/l	
319-85-7	beta-BHC	ND	0.021	0.0091	ug/l	
319-86-8	delta-BHC	ND	0.021	0.010	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.021	0.0028	ug/l	
5103-71-9	alpha-Chlordane	ND	0.021	0.019	ug/l	
5103-74-2	gamma-Chlordane	ND	0.021	0.013	ug/l	
60-57-1	Dieldrin	ND	0.021	0.014	ug/l	
72-54-8	4,4'-DDD	ND	0.021	0.018	ug/l	
72-55-9	4,4'-DDE	ND	0.021	0.0043	ug/l	
50-29-3	4,4'-DDT	ND	0.021	0.019	ug/l	
72-20-8	Endrin	ND	0.021	0.012	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.021	0.014	ug/l	
7421-93-4	Endrin aldehyde	ND	0.021	0.021	ug/l	
53494-70-5	Endrin ketone	ND	0.053	0.0057	ug/l	
959-98-8	Endosulfan-I	ND	0.021	0.0031	ug/l	
33213-65-9	Endosulfan-II	ND	0.021	0.0030	ug/l	
76-44-8	Heptachlor	ND	0.021	0.0063	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.021	0.012	ug/l	
72-43-5	Methoxychlor	ND	0.053	0.012	ug/l	
8001-35-2	Toxaphene	ND	0.27	0.26	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	91%		35-138%
877-09-8	Tetrachloro-m-xylene	86%		35-138%
2051-24-3	Decachlorobiphenyl	96%		19-153%
2051-24-3	Decachlorobiphenyl	100%		19-153%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-4149-RANGERD		
Lab Sample ID:	N74646-13	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF53455.D	1	08/15/04	OYA	08/11/04	OP17689	GEF2576
Run #2							

	Initial Volume	Final Volume
Run #1	940 ml	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.53	0.080	ug/l	
11104-28-2	Aroclor 1221	ND	0.53	0.090	ug/l	
11141-16-5	Aroclor 1232	ND	0.53	0.13	ug/l	
53469-21-9	Aroclor 1242	ND	0.53	0.14	ug/l	
12672-29-6	Aroclor 1248	ND	0.53	0.076	ug/l	
11097-69-1	Aroclor 1254	ND	0.53	0.076	ug/l	
11096-82-5	Aroclor 1260	ND	0.53	0.11	ug/l	
11100-14-4	**Aroclor 1268**	ND	0.53		ug/l	
37324-23-5	**Aroclor 1262**	ND	0.53		ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	81%		27-140%
877-09-8	Tetrachloro-m-xylene	87%		27-140%
2051-24-3	Decachlorobiphenyl	105%		19-151%
2051-24-3	Decachlorobiphenyl	106%		19-151%

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-4149-RANGERD		
Lab Sample ID:	N74646-13	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8151 SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G11111.D	1	08/13/04	KLS	08/11/04	OP17690	G1G277
Run #2							

	Initial Volume	Final Volume
Run #1	910 ml	10.0 ml
Run #2		

Herbicide List

CAS No.	Compound	Result	RL	MDL	Units	Q
94-75-7	2,4-D	ND	0.55	0.31	ug/l	
93-72-1	2,4,5-TP (Silvex)	ND	0.16	0.14	ug/l	
93-76-5	2,4,5-T	ND	0.22	0.22	ug/l	
87-86-5	Pentachlorophenol	ND	0.16	0.13	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	100%		54-141%
19719-28-9	2,4-DCAA	92%		54-141%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-4149-RANGERD		
Lab Sample ID:	N74646-13	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
		Percent Solids:	n/a
Project:	Former Camp Butner, NC		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	<200	200	ug/l	1	08/12/04	08/17/04	JDM	SW846 6010B [4]	SW846 3010A [5]
Antimony	<5.0	5.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Arsenic	<5.0	5.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Barium	<200	200	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Beryllium	<2.0	2.0	ug/l	2	08/12/04	08/16/04	ND	SW846 6020 [3]	SW846 3010A [7]
Cadmium	<4.0	4.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Calcium	36600	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Chromium	<10	10	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Cobalt	<50	50	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Copper	<25	25	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Iron	<100	100	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Lead	<3.0	3.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Magnesium	<5000	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Manganese	372	15	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Mercury	<0.20	0.20	ug/l	1	08/12/04	08/13/04	WG	SW846 7470A [2]	SW846 7470A [6]
Nickel	<40	40	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Potassium	<5000	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Selenium	<5.0	5.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Silver	<10	10	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Sodium	10500	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Thallium	1.1	1.0	ug/l	2	08/12/04	08/16/04	ND	SW846 6020 [3]	SW846 3010A [7]
Vanadium	<50	50	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Zinc	1010	20	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]

(1) Instrument QC Batch: MA14278
(2) Instrument QC Batch: MA14280
(3) Instrument QC Batch: MA14290
(4) Instrument QC Batch: MA14303
(5) Prep QC Batch: MP26768
(6) Prep QC Batch: MP26774
(7) Prep QC Batch: MP26857

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-4149-RANGERD		
Lab Sample ID:	N74646-13	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
		Percent Solids:	n/a
Project:	Former Camp Butner, NC		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	<0.010	0.010	mg/l	1	08/16/04 09:58	JH	SW846 9012A

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-4149-RANGERD		
Lab Sample ID:	N74646-13F	**Date Sampled:**	08/10/04
Matrix:	AQ - Groundwater Filtered	**Date Received:**	08/11/04
		Percent Solids:	n/a
Project:	Former Camp Butner, NC		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum [a]	<200	200	ug/l	1	08/12/04	08/17/04	JDM	SW846 6010B [4]	SW846 3010A [5]
Antimony [a]	<5.0	5.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Arsenic [a]	<5.0	5.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Barium [a]	<200	200	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Beryllium [a]	<2.0	2.0	ug/l	2	08/12/04	08/16/04	ND	SW846 6020 [3]	SW846 3010A [7]
Cadmium [a]	<4.0	4.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Calcium [a]	38100	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Chromium [a]	<10	10	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Cobalt [a]	<50	50	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Copper [a]	<25	25	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Iron [a]	<100	100	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Lead [a]	<3.0	3.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Magnesium [a]	<5000	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Manganese [a]	386	15	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Mercury [a]	<0.20	0.20	ug/l	1	08/12/04	08/13/04	WG	SW846 7470A [2]	SW846 7470A [6]
Nickel [a]	<40	40	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Potassium [a]	<5000	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Selenium [a]	<5.0	5.0	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Silver [a]	<10	10	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Sodium [a]	10900	5000	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Thallium [a]	<1.0	1.0	ug/l	2	08/12/04	08/16/04	ND	SW846 6020 [3]	SW846 3010A [7]
Vanadium [a]	<50	50	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]
Zinc [a]	1040	20	ug/l	1	08/12/04	08/12/04	ND	SW846 6010B [1]	SW846 3010A [5]

(1) Instrument QC Batch: MA14278
(2) Instrument QC Batch: MA14280
(3) Instrument QC Batch: MA14290
(4) Instrument QC Batch: MA14303
(5) Prep QC Batch: MP26768
(6) Prep QC Batch: MP26774
(7) Prep QC Batch: MP26857

(a) Reported results are dissolved metals.

RL = Reporting Limit

GW N
FB

CHAIN OF CUSTODY

Fresh Ponds Corporate Village, Building B
2235 Route 130, Dayton, NJ 08810
732-329-0200 FAX: 732-329-3499/3480

Accutest Job #: N74646 X
Accutest Quote #:

Client Information

Debra L. McGrath
Name: 2 Technology Park Drive
Address: Westford MA 01886
City State Zip
Send Report to:
Phone #: (978) 589-3358

Facility Information

Former Camp Butner
Project Name:
Location:
Project/PO #: 09090-068
FAX #: (978) 589-3282

Analytical Information

Field ID / Point of Collection	Collection Date	Collection Time	Sampled By	Matrix	# of bottles	Preservation HCL	NaOH	HNO3	H2SO4	None	SVOCs / 8270C	Pesticides / PCBs / 8081A / 8082	Herbicides / 8151	Explosives / Nitroglycerin/ 8330/8332	Perchlorates / 8321M	TAL Metals (total) / 6010B / 6020 / 7470A	TAL Metals (dissolved) / 6010B / 6020 / 7470A	Cyanide / 9012A			
RW0804-658-LakeviewDr	8-9-04	1640	LB	GW	2					X	X										
RW0804-658-LakeviewDr				GW	2					X		X							6X33		
RW0804-658-LakeviewDr				GW	2					X			X						5C3		
RW0804-658-LakeviewDr -1				GW	3					X				X					ALSE		
RW0804-658-LakeviewDr				GW	1					X					X				AMET8		
RW0804-658-LakeviewDr				GW	1			X								X			WC8		
RW0804-658-LakeviewDr				GW	1			X									X		2049		
RW0804-658-LakeviewDr				GW	1		X											X			
0				0																	

Turnaround Information

- [ ] 21 Day Standard — Approved By:
- [ ] 14 Day
- [X] 7 Days *EMERGENCY*
- [ ] Other _____ (Days)

RUSH TAT is for FAX data unless previously approved.

Data Deliverable Information

- [ ] NJ Reduced
- [X] NJ Full
- [ ] FULL CLP
- [ ] Disk Deliverable
- [ ] Other (Specify)
- [ ] Commercial "A"
- [ ] Commercial "B"
- [ ] ASP Category B
- [ ] State Forms

Comments / Remarks

Sample Custody must be documented below each time samples change possesion, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
Jerry Berg	8/9/04 1914	1 FED Ex	2 FED Ex	08/10/2004 @10:00	2
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by Sampler: 5	Date Time:	Received By: 5	Seal # 627	Preserved where applica ✓ KC	On Ice: ✓ 4.2°

TRS

CHAIN OF CUSTODY

Fresh Ponds Corporate Village, Building B
2235 Route 130, Dayton, NJ 08810
732-329-0200 FAX: 732-329-3499/3480

Accutest Job #: N74646
Accutest Quote #:

Client Information

Name: Debra L. McGrath
Address: 2 Technology Park Drive
City: Westford State: MA Zip: 01886
Send Report to:
Phone #: (978) 589-3358

Facility Information

Project Name: Former Camp Butner
Location:
Project/PO #: 09090-068
FAX #: (978) 589-3282

Analytical Information

Field ID / Point of Collection	Collection Date	Collection Time	Sampled By	Matrix	# of bottles	Preservation HCL	NaOH	HNO3	H2So4	None	SVOCs / 8270C	Pesticides / PCBs / 8081A / 8082	Herbicides / 8151	Explosives / Nitroglycerin/ 8330/8332 *	Perchlorates / 8321M	TAL Metals (total) / 6010B / 6020 / 7470A	TAL Metals (dissolved) / 6010B / 6020 / 7470A	Cyanide / 9012A			
RW0804-653-LakeviewDr	8/9/04	1525	LB	GW	2					X	X										
RW0804-653-LakeviewDr				GW	2					X		X									
RW0804-653-LakeviewDr				GW	2					X			X								
RW0804-653-LakeviewDr *				GW	3					X				X							
RW0804-653-LakeviewDr				GW	1					X					X						
RW0804-653-LakeviewDr				GW	1			X								X					
RW0804-653-LakeviewDr				GW	1			X									X				
RW0804-653-LakeviewDr	*	*	✓	GW	1		X											X			
0				0																	

Turnaround Information

- [ ] 21 Day Standard — Approved By:
- [ ] 14 Day
- [X] 7 Days *EMERGENCY*
- [ ] Other _____ (Days)

RUSH TAT is for FAX data unless previously approved.

Data Deliverable Information

- [ ] NJ Reduced
- [X] NJ Full
- [ ] PULL CLP
- [ ] Disk Deliverable
- [ ] Other (Specify)
- [ ] Commercial "A"
- [ ] Commercial "B"
- [ ] ASP Category B
- [ ] State Forms

Comments / Remarks

* 1 Bottle recieved broken KC 08/10/04

Sample Custody must be documented below each time samples change possesion, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 Ronny Bryan	8/9/04 1852	1 FED EX	2 FED EX	08/10/2004 @ 10:00	2 ✓
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by Sampler: 5	Date Time:	Received By: 5	Seal # 758,578	Preserved where applica ✓ KC	On Ice: ✓ 4.°

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TRS

CHAIN OF CUSTODY

Fresh Ponds Corporate Village, Building B
2235 Route 130, Dayton, NJ 08810
732-329-0200 FAX: 732-329-3499/3480

Accutest Job #: NT4646
Accutest Quote #:

Client Information

Name: Debra L. McGrath
Address: 2 Technology Park Drive
City: Westford State: MA Zip: 01886
Send Report to:
Phone #: (978) 589-3358

Facility Information

Project Name: Former Camp Butner
Location:
Project/PO #: 09090-068
FAX #: (978) 589-3282

Analytical Information

Field ID / Point of Collection	Collection Date	Collection Time	Sampled By	Matrix	# of bottles	Preservation HCL	NaOH	HNO3	H2SO4	None	SVOCs / 8270C	Pesticides / PCBs / 8081A / 8082	Herbicides / 8151	Explosives / Nitroglycerin/ 8330/8332	Perchlorates / 8321M	TAL Metals (total) / 6010B / 6020 / 7470A	TAL Metals (dissolved) / 6010B / 6020 / 7470A	Cyanide / 9012A
RW0804-652-LakeviewDr	8/9/04	1350	LB	GW	2					X	X							
RW0804-652-LakeviewDr				GW	2					X		X						
RW0804-652-LakeviewDr				GW	2					X			X					
RW0804-652-LakeviewDr				GW	3					X				X				
RW0804-652-LakeviewDr				GW	1					X					X			
RW0804-652-LakeviewDr				GW	1			X								X		
RW0804-652-LakeviewDr				GW	1			X									X	
RW0804-652-LakeviewDr				GW	1		X											X
0				0														

Turnaround Information

- [ ] 21 Day Standard — Approved By:
- [ ] 14 Day
- [X] 7 Days *EMERGENCY*
- [ ] Other _____ (Days)

RUSH TAT is for FAX data unless previously approved.

Data Deliverable Information

- [ ] NJ Reduced
- [X] NJ Full
- [ ] FULL CLP
- [ ] Disk Deliverable
- [ ] Other (Specify)
- [ ] Commercial "A"
- [ ] Commercial "B"
- [ ] ASP Category B
- [ ] State Forms

Comments / Remarks

Sample Custody must be documented below each time samples change possesion, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 Larry Berger	8/9/04 1912	1 FED EX	2 FED EX	08/10/2004 @ 10:00	2
3		3	4		4
5		5	Seal # 590	Preserved where applica ✓ KC	On Ice: ✓ 4.°

TRS

CHAIN OF CUSTODY

Fresh Ponds Corporate Village, Building B
2235 Route 130, Dayton, NJ 08810
732-329-0200 FAX: 732-329-3499/3480

Accutest Job #: N74646
Accutest Quote #:

Client Information

Name: Debra L. McGrath
Address: 2 Technology Park Drive
City: Westford State: MA Zip: 01886
Send Report to:
Phone #: (978) 589-3358

Facility Information

Project Name: Former Camp Butner
Location:
Project/PO #: 09090-068
FAX #: (978) 589-3282

Analytical Information

Field ID / Point of Collection	Collection Date	Collection Time	Sampled By	Matrix	# of bottles	Preservation HCL	NaOH	HNO3	H2SO4	None	SVOCs / 8270C	Pesticides / PCBs / 8081A / 8082	Herbicides / 8151	Explosives / Nitroglycerin/ 8330/8332	Perchlorates / 8321M	TAL Metals (total) / 6010B / 6020 / 7470A	TAL Metals (dissolved) / 6010B / 6020 / 7470A	Cyanide / 9012A			
RWB0804-3536-FletchersWay	8/9/04	1735	LB	GW	2					X	X										
RWB0804-3536-FletchersWay				GW	2					X		X									
RWB0804-3536-FletchersWay				GW	2					X			X								
RWB0804-3536-FletchersWay				GW	3					X				X							
RWB0804-3536-FletchersWay				GW	1					X					X						
RWB0804-3536-FletchersWay				GW	1			X								X					
RWB0804-3536-FletchersWay				GW	1			X									X				
RWB0804-3536-FletchersWay				GW	1		X											X			
0				0																	

Turnaround Information

- [ ] 21 Day Standard — Approved By:
- [ ] 14 Day
- [x] 7 Days *EMERGENCY*
- [ ] Other _____ (Days)

RUSH TAT is for FAX data unless previously approved.

Data Deliverable Information

- [ ] NJ Reduced
- [x] NJ Full
- [ ] FULL CLP
- [ ] Disk Deliverable
- [ ] Other (Specify)
- [ ] Commercial "A"
- [ ] Commercial "B"
- [ ] ASP Category B
- [ ] State Forms

Comments / Remarks

Sample Custody must be documented below each time samples change possesion, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
	8/9/04 1907	1 FED Ex	2 FED Ex	08/10/2004 @ 10:00	2
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by Sampler: 5	Date Time:	Received By: 5	Seal # 756	Preserved where applica: ✓	On ice: ✓ 4.0°

TRC

CHAIN OF CUSTODY

Fresh Ponds Corporate Village, Building B
2235 Route 130, Dayton, NJ 08810
732-329-0200 FAX: 732-329-3499/3480

Accutest Job #: N74646
Accutest Quote #:

Client Information

Name: Debra L. McGrath
Address: 2 Technology Park Drive
City: Westford State: MA Zip: 01886
Send Report to:
Phone #: (978) 589-3358

Facility Information

Project Name: Former Camp Butner
Location:
Project/PO #: 09090-068
FAX #: (978) 589-3282

Analytical Information

Field ID / Point of Collection	Collection Date	Collection Time	Sampled By	Matrix	# of bottles	Preservation HCL	NaOH	HNO3	H2So4	None	SVOCs / 8270C	Pesticides / PCBs / 8081A / 8082	Herbicides / 8151	Explosives / Nitroglycerin/ 8330/8332	Perchlorates / 8321M	TAL Metals (total) / 6010B / 6020 / 7470A	TAL Metals (dissolved) / 6010B / 6020 / 7470A	Cyanide / 9012A			
RW0804-NCNG	8/9/04	1230	LB	GW	2					X	X										
RW0804-NCNG				GW	2					X		X									
RW0804-NCNG				GW	2					X			X								
RW0804-NCNG				GW	3					X				X							
RW0804-NCNG				GW	1					X					X						
RW0804-NCNG				GW	1			X								X					
RW0804-NCNG				GW	1			X									X				
RW0804-NCNG				GW	1		X											X			
0				0																	

Turnaround Information

- [ ] 21 Day Standard — Approved By:
- [ ] 14 Day
- [x] 7 Days *EMERGENCY*
- [ ] Other _____ (Days)

RUSH TAT is for FAX data unless previously approved.

Data Deliverable Information

- [ ] NJ Reduced
- [x] NJ Full
- [ ] FULL CLP
- [ ] Disk Deliverable
- [ ] Other (Specify)
- [ ] Commercial "A"
- [ ] Commercial "B"
- [ ] ASP Category B
- [ ] State Forms

Comments / Remarks

Sample Custody must be documented below each time samples change possesion, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
Dave Berger	8/9/04 1844	1 FED EX	2 FED EX	08/10/2004 @10:00	2
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by Sampler: 5	Date Time:	Received By: 5	Seal # 594	Preserved where applica ✓ Ice	On Ice: ✓ 4.4°

TRS

CHAIN OF CUSTODY

Fresh Ponds Corporate Village, Building B
2235 Route 130, Dayton, NJ 08810
732-329-0200 FAX: 732-329-3499/3480

Accutest Job #: N74646
Accutest Quote #:

Client Information

Name: Debra L. McGrath
Address: 2 Technology Park Drive
City: Westford State: MA Zip: 01886
Send Report to:
Phone #: (978) 589-3358

Facility Information

Project Name: Former Camp Butner
Location:
Project/PO #: 09090-068
FAX #: (978) 589-3282

Analytical Information

Field ID / Point of Collection	Collection Date	Collection Time	Sampled By	Matrix	# of bottles	Preservation HCL	NaOH	HNO3	H2So4	None	SVOCs / 8270C	Pesticides / PCBs / 8081A / 8082	Herbicides / 8151	Explosives / Nitroglycerin/ 8330/8332	Perchlorates / 8321M	TAL Metals (total) / 6010B / 6020 / 7470A	TAL Metals (dissolved) / 6010B / 6020 / 7470A	Cyanide / 9012A			
RW0804-FieldDup1	8/9/04	—	LB	GW	2					X	X										
RW0804-FieldDup1		—		GW	2					X		X									
RW0804-FieldDup1		—		GW	2					X			X								
RW0804-FieldDup1		—		GW	3					X				X							
RW0804-FieldDup1		—		GW	1					X					X						
RW0804-FieldDup1		—		GW	1			X								X					
RW0804-FieldDup1		—		GW	1			X									X				
RW0804-FieldDup1		—		GW	1		X											X			
0				0																	

Turnaround Information

- [ ] 21 Day Standard — Approved By:
- [ ] 14 Day
- [X] 7 Days *EMERGENCY*
- [ ] Other _____ (Days)

RUSH TAT is for FAX data unless previously approved.

Data Deliverable Information

- [ ] NJ Reduced
- [X] NJ Full
- [ ] FULL CLP
- [ ] Disk Deliverable
- [ ] Other (Specify) _____
- [ ] Commercial "A"
- [ ] Commercial "B"
- [ ] ASP Category B
- [ ] State Forms

Comments / Remarks

Sample Custody must be documented below each time samples change possesion, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
	8/9/04 1910	1 FEDEx	2 FEDEx	08/10/2004 @ 1000	2
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by Sampler: 5	Date Time:	Received By: 5	Seal # 604	Preserved where applica ✓	On Ice: ✓ 3.6°

150

TRS

CHAIN OF CUSTODY

Fresh Ponds Corporate Village, Building B
2235 Route 130, Dayton, NJ 08810
732-329-0200 FAX: 732-329-3499/3480

Accutest Job #: N74646
Accutest Quote #:

Client Information

Name: Debra L. McGrath
Address: 2 Technology Park Drive
City: Westford State: MA Zip: 01886
Send Report to:
Phone #: (978) 589-3358

Facility Information

Project Name: Former Camp Butner
Location:
Project/PO #: 09090-068
FAX #: (978) 589-3282

Analytical Information

	Field ID / Point of Collection	Collection Date	Collection Time	Sampled By	Matrix	# of bottles	Preservation HCL	NaOH	HNO3	H2SO4	None	VOCs / 8260B
-5	RW0804-NCNG	8/9/04	1220	LB	GW	3	X					X
-7	Trip Blank	—	—	LB	GW	2	X					X
-3	RW0804-652-Lakeview Dr	8/9/04	1347	LB	GW	3	X					X
-2	RW0804-653-Lakeview Dr	8/9/04	1514	LB	GW	3	X					X
-6	RW0804-Field Dup 1	8/9/04	—	LB	GW	3	X					X
-1	RW0804-658-Lakeview Dr	8/9/04	1630	LB	GW	3	X					X
-4	RW0804-3536-Fletchers Way	8/9/04	1730	LB	GW	3	X					X

Turnaround Information

- [ ] 21 Day Standard
- [ ] 14 Day
- [x] 7 Days *EMERGENCY*
- [ ] Other _____ (Days)

Approved By:

RUSH TAT is for FAX data unless previously approved.

Data Deliverable Information

- [ ] NJ Reduced
- [x] NJ Full
- [ ] FULL CLP
- [ ] Disk Deliverable
- [ ] Other (Specify)
- [ ] Commercial "A"
- [ ] Commercial "B"
- [ ] ASP Category B
- [ ] State Forms

Comments / Remarks

Sample Custody must be documented below each time samples change possesion, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 [signature]	8/9/04 1830	1 FED EX	2 FED EX	08/10/2004 @10:00	2 [signature]
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by Sampler: 5	Date Time:	Received By: 5	Seal # 592	Preserved where applica	On Ice: ✓ 5°

151

TRS

CHAIN OF CUSTODY

Fresh Ponds Corporate Village, Building B
2235 Route 130, Dayton, NJ 08810
732-329-0200 FAX: 732-329-3499/3480

Accutest Job #: ~~N7477~~ N7464G
Accutest Quote #:

Client Information

Name: Debra L. McGrath
Address: 2 Technology Park Drive
City: Westford State: MA Zip: 01886
Send Report to:
Phone #: (978) 589-3358

Facility Information

Project Name: Former Camp Butner
Location:
Project/PO #: 09090-068
FAX #: (978) 589-3282

Analytical Information

Field ID / Point of Collection	Collection Date	Collection Time	Sampled By	Matrix	# of bottles	Preservation HCL	NaOH	HNO3	H2SO4	None	VOCs / 8260B
RW0804-CampBarham - 7	8-10-04	0900	LB	GW	3	X					X

Turnaround Information

- [ ] 21 Day Standard — Approved By:
- [ ] 14 Day
- [x] 7 Days EMERGENCY
- [ ] Other _____ (Days)

RUSH TAT is for FAX data unless previously approved.

Data Deliverable Information

- [ ] NJ Reduced
- [x] NJ Full
- [ ] FULL CLP
- [ ] Disk Deliverable
- [ ] Other (Specify)
- [ ] Commercial "A"
- [ ] Commercial "B"
- [ ] ASP Category B
- [ ] State Forms

Comments / Remarks

Sample Custody must be documented below each time samples change possesion, including courier delivery.

Relinquished by Sampler	Date Time	Received By	Relinquished By	Date Time	Received By
1 Lauren Bergin	8/10/04 1732	1 FedX	2 FedX	8/11/04 0950	2
3		3	4		4
5		5	Seal # 602	Preserved where applica	On Ice: 2.5

152

TRJ

GW

CHAIN OF CUSTODY

Fresh Ponds Corporate Village, Building B
2235 Route 130, Dayton, NJ 08810
732-329-0200 FAX: 732-329-3499/3480

Accutest Job #: ~~174770~~ 174646 + X
Accutest Quote #:

ENSR

Client Information

Name: Debra L. McGrath
Address: 2 Technology Park Drive
City: Westford State: MA Zip: 01886
Send Report to:
Phone #: (978) 589-3358

Facility Information

Project Name: Former Camp Butner
Location:
Project/PO #: 09090-068
FAX #: (978) 589-3282

Analytical Information

Field ID / Point of Collection	Collection Date	Collection Time	Sampled By	Matrix	# of bottles	Preservation HCL	NaOH	HNO3	H2So4	None	SVOCs / 8270C	Pesticides / PCBs / 8081A / 8082	Herbicides / 8151	Explosives / Nitroglycerin/ 8330/8332	Perchlorates / 8321M	TAL Metals (total) / 6010B / 6020 / 7470A	TAL Metals (dissolved) / 6010B / 6020 / 7470A	Cyanide / 9012A			
RW0804-CampBarham	8/10/04	0905	ZB	GW	2					X	X										
RW0804-CampBarham			ZB	GW	2					X		X									
RW0804-CampBarham			ZB	GW	2					X			X								
RW0804-CampBarham			ZB	GW	3					X				X							
RW0804-CampBarham		0900	ZB	GW	1					X					X						
RW0804-CampBarham			ZB	GW	1			X								X					
RW0804-CampBarham			ZB	GW	1			X									X				
RW0804-CampBarham			ZB	GW	1		X											X			
0				0																	

Turnaround Information

- [ ] 21 Day Standard — Approved By:
- [ ] 14 Day
- [X] 7 Days *EMERGENCY*
- [ ] Other _____ (Days)

RUSH TAT is for FAX data unless previously approved.

Data Deliverable Information

- [ ] NJ Reduced
- [X] NJ Full
- [ ] FULL CLP
- [ ] Disk Deliverable
- [ ] Other (Specify)
- [ ] Commercial "A"
- [ ] Commercial "B"
- [ ] ASP Category B
- [ ] State Forms

Comments / Remarks

EX89
AME15
WC20
ALSE
SU5
2096

• Batched p. e-mail; Batch closed @ 8/11/04

Sample Custody must be documented below each time samples change possesion, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 Larry Bay	8/10/04 1730	1 FedX	2 FedX	8/11/04 0950	2
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by Sampler: 5	Date Time:	Received By: 5	Seal # 702 intact	Preserved where applica	On Ice: 4.6

153

TRC

CHAIN OF CUSTODY

Fresh Ponds Corporate Village, Building B
2235 Route 130, Dayton, NJ 08810
732-329-0200 FAX: 732-329-3499/3480

Accutest Job #: CA74770 N74646
Accutest Quote #:

Client Information

Name: Debra L. McGrath
Address: 2 Technology Park Drive
City: Westford State: MA Zip: 01886
Send Report to:
Phone #: (978) 589-3358

Facility Information

Project Name: Former Camp Butner
Location:
Project/PO #: 09090-068
FAX #: (978) 589-3282

Analytical Information

Field ID / Point of Collection	Collection Date	Collection Time	Sampled By	Matrix	# of bottles	Preservation HCL	NaOH	HNO3	H2So4	None	VOCs / 8260B
RW0804-4051-RangeRd	8/10/04	1255	[illegible]	GW	3	X					X

Turnaround Information

- [ ] 21 Day Standard — Approved By:
- [ ] 14 Day
- [x] 7 Days *EMERGENCY*
- [ ] Other _____ (Days)

RUSH TAT is for FAX data unless previously approved.

Data Deliverable Information

- [ ] NJ Reduced
- [x] NJ Full
- [ ] FULL CLP
- [ ] Disk Deliverable
- [ ] Other (Specify)
- [ ] Commercial "A"
- [ ] Commercial "B"
- [ ] ASP Category B
- [ ] State Forms

Comments / Remarks

Sample Custody must be documented below each time samples change possesion, including courier delivery.

Relinquished by Sampler	Date Time	Received By	Relinquished By	Date Time	Received By
1 [signature]	8/10/04 1732	1 FedEx	2 FedEx	8/11/04 0950	2 [signature]
3		3	4		4
Relinquished by Sampler:	Date Time:	Received By: 5	Seal # 602	Preserved where applica	On Ice: 25

154

TR5

CHAIN OF CUSTODY

Fresh Ponds Corporate Village, Building B
2235 Route 130, Dayton, NJ 08810
732-329-0200 FAX: 732-329-3499/3480

Accutest Job #: ~~K74770~~ K74646
Accutest Quote #:

Client Information

Name: Debra L. McGrath
Address: 2 Technology Park Drive
City: Westford State: MA Zip: 01886
Send Report to:
Phone #: (978) 589-3358

Facility Information

Project Name: Former Camp Butner
Location:
Project/PO #: 09090-068
FAX #: (978) 589-3282

Analytical Information

Field ID / Point of Collection	Collection Date	Collection Time	Sampled By	Matrix	# of bottles	Preservation HCL	NaOH	HNO3	H2SO4	None	SVOCs / 8270C	Pesticides / PCBs / 8081A / 8082	Herbicides / 8151	Explosives / Nitroglycerin/ 8330/8332	Perchlorates / 8321M	TAL Metals (total) / 6010B / 6020 / 7470A	TAL Metals (dissolved) / 6010B / 6020 / 7470A	Cyanide / 9012A
RW0804-4051-RangeRd	8/10/04	1300	JB	GW	2					X	X							
RW0804-4051-RangeRd		1300	JB	GW	2					X		X						
RW0804-4051-RangeRd		1300	JB	GW	2					X			X					
RW0804-4051-RangeRd -9F		1300	JB	GW	3					X				X				
RW0804-4051-RangeRd		1300	JB	GW	1					X					X			
RW0804-4051-RangeRd		1300	JB	GW	1			X								X		
RW0804-4051-RangeRd		1300	JB	GW	1			X									X	
RW0804-4051-RangeRd		1300	JB	GW	1		X											X
0				0														

Turnaround Information

- ☐ 21 Day Standard — Approved By:
- ☐ 14 Day
- ☒ 7 Days *EMERGENCY*
- ☐ Other _____ (Days)

RUSH TAT is for FAX data unless previously approved.

Data Deliverable Information

- ☐ NJ Reduced
- ☒ NJ Full
- ☐ FULL CLP
- ☐ Disk Deliverable
- ☐ Other (Specify)
- ☐ Commercial "A"
- ☐ Commercial "B"
- ☐ ASP Category B
- ☐ State Forms

Comments / Remarks

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 Larry Bayer	8/10/04 1746	1 FedX	2 FedX	8/11/04 0950	2
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by Sampler: 5	Date Time:	Received By: 5	Seal # 606 intact	Preserved where applica	On Ice: 4°

155

TRC

CHAIN OF CUSTODY

Fresh Ponds Corporate Village, Building B
2235 Route 130, Dayton, NJ 08810
732-329-0200 FAX: 732-329-3499/3480

Accutest Job #: ~~M74770~~ M74646
Accutest Quote #:

Client Information

Name: Debra L. McGrath
Address: 2 Technology Park Drive
City: Westford State: MA Zip: 01886
Send Report to:
Phone #: (978) 589-3358

Facility Information

Former Camp Butner
Project Name:
Location:
Project/PO #: 09090-068
FAX #: (978) 589-3282

Analytical Information

Field ID / Point of Collection	Collection Date	Collection Time	Sampled By	Matrix	# of bottles	Preservation HCL	NaOH	HNO3	H2So4	None	VOCs / 8260B
RW0804-CampEason -10	8/10/04	1045	JS	GW	3	X					X

Turnaround Information

- [ ] 21 Day Standard
- [ ] 14 Day
- [X] 7 Days *EMERGENCY*
- [ ] Other _____ (Days)

Approved By:

RUSH TAT is for FAX data unless previously approved.

Data Deliverable Information

- [ ] NJ Reduced
- [X] NJ Full
- [ ] FULL CLP
- [ ] Disk Deliverable
- [ ] Other (Specify)
- [ ] Commercial "A"
- [ ] Commercial "B"
- [ ] ASP Category B
- [ ] State Forms

Comments / Remarks

Sample Custody must be documented below each time samples change possesion, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 [signature]	8/10/04 1732	1 FedX	2 FedX	8/11/04 0950	2 [signature]
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by Sampler: 5	Date Time:	Received By: 5	Seal # 602	Preserved where applica	On Ice: 2.5

159

TRS

CHAIN OF CUSTODY

Fresh Ponds Corporate Village, Building B
2235 Route 130, Dayton, NJ 08810
732-329-0200 FAX: 732-329-3499/3480

Accutest Job #: ~~N74776~~ N74646
Accutest Quote #:

Client Information

Name: Debra L. McGrath
Address: 2 Technology Park Drive
City: Westford State: MA Zip: 01886
Send Report to:
Phone #: (978) 589-3358

Facility Information

Project Name: Former Camp Butner
Location:
Project/PO #: 09090-068
FAX #: (978) 589-3282

Analytical Information

Field ID / Point of Collection	Collection Date	Collection Time	Sampled By	Matrix	# of bottles	Preservation HCL	NaOH	HNO3	H2So4	None	SVOCs / 8270C	Pesticides / PCBs / 8081A / 8082	Herbicides / 8151	Explosives / Nitroglycerin/ 8330/8332	Perchlorates / 8321M	TAL Metals (total) / 6010B / 6020 / 7470A	TAL Metals (dissolved) / 6010B / 6020 / 7470A	Cyanide / 9012A			
RW0804-CampEason	8/10/04	1050	LB	GW	2					X	X										
RW0804-CampEason		1050		GW	2					X		X									
RW0804-CampEason		1050		GW	2					X			X								
RW0804-CampEason 10,F		1050		GW	3					X				X							
RW0804-CampEason		1050		GW	1					X					X						
RW0804-CampEason		1050		GW	1			X								X					
RW0804-CampEason		1050		GW	1			X									X				
RW0804-CampEason		1050		GW	1		X											X			
0				0																	

Turnaround Information

- [ ] 21 Day Standard — Approved By:
- [ ] 14 Day
- [X] 7 Days *EMERGENCY*
- [ ] Other _____ (Days)

RUSH TAT is for FAX data unless previously approved.

Data Deliverable Information

- [ ] NJ Reduced
- [X] NJ Full
- [ ] FULL CLP
- [ ] Disk Deliverable
- [ ] Other (Specify)
- [ ] Commercial "A"
- [ ] Commercial "B"
- [ ] ASP Category B
- [ ] State Forms

Comments / Remarks

Sample Custody must be documented below each time samples change possesion, including courier delivery.

Relinquished by Sampler	Date Time	Received By	Relinquished By	Date Time	Received By
1 Laura Benjamin	8/10/04 1738	1 FedX	2 FedX	8/11/04 0550	2
3		3	4		4
5		5	Seal # 704	Preserved where applica	On Ice: 4.5'

157

TRT

CHAIN OF CUSTODY

Fresh Ponds Corporate Village, Building B
2235 Route 130, Dayton, NJ 08810
732-329-0200 FAX: 732-329-3499/3480

Accutest Job #: ~~N74770~~ N74646
Accutest Quote #:

Client Information	Facility Information
Debra L. McGrath	Former Camp Butner
Name: 2 Technology Park Drive	Project Name:
Address: Westford MA 01886	Location:
City State Zip	Project/PO #: 09090-068
Send Report to: Phone #: (978) 589-3358	FAX #: (978) 589-3282

Field ID / Point of Collection	Collection Date	Collection Time	Sampled By	Matrix	# of bottles	Preservation HCL	NaOH	HNO3	H2So4	None	VOCs / 8260B
RW0804-750-LittleMountain-1	8/10/04	1705	[illegible]	GW	3	X					X

Analytical Information

Turnaround Information	
[ ] 21 Day Standard	Approved By:
[ ] 14 Day	
[X] 7 Days *EMERGENCY*	
[ ] Other _____ (Days)	
RUSH TAT is for FAX data unless previously approved.	

Data Deliverable Information	
[ ] NJ Reduced	[ ] Commercial "A"
[X] NJ Full	[ ] Commercial "B"
[ ] FULL CLP	[ ] ASP Category B
[ ] Disk Deliverable	[ ] State Forms
[ ] Other (Specify) _____	

Comments / Remarks

Sample Custody must be documented below each time samples change possesion, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
[signature]	8/10/04 1732	1 FedX	2 FedX	8/11/04 0950	2 [signature]
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by Sampler: 5	Date Time:	Received By: 5	Seal # 602	Preserved where applica	On Ice: ✓ 2.5

1580

TRS

CHAIN OF CUSTODY

Fresh Ponds Corporate Village, Building B
2235 Route 130, Dayton, NJ 08810
732-329-0200 FAX: 732-329-3499/3480

Accutest Job #: ~~N74776~~ N74646
Accutest Quote #:

Client Information

Name: Debra L. McGrath
Address: 2 Technology Park Drive
City: Westford State: MA Zip: 01886
Send Report to:
Phone #: (978) 589-3358

Facility Information

Project Name: Former Camp Butner
Location:
Project/PO #: 09090-068
FAX #: (978) 589-3282

Analytical Information

Field ID / Point of Collection	Collection Date	Collection Time	Sampled By	Matrix	# of bottles	Preservation HCL	NaOH	HNO3	H2So4	None	SVOCs / 8270C	Pesticides / PCBs / 8081A / 8082	Herbicides / 8151	Explosives / Nitroglycerin/ 8330/8332	Perchlorates / 8321M	TAL Metals (total) / 6010B / 6020 / 7470A	TAL Metals (dissolved) / 6010B / 6020 / 7470A	Cyanide / 9012A			
RW0804-750-LittleMountain	8/10/04		JS	GW	2					X	X										
RW0804-750-LittleMountain			JS	GW	2					X		X									
RW0804-750-LittleMountain			JS	GW	2					X			X								
RW0804-750-LittleMountain	11:5		JS	GW	3					X				X							
RW0804-750-LittleMountain			JS	GW	1					X					X						
RW0804-750-LittleMountain			JS	GW	1			X								X					
RW0804-750-LittleMountain			JS	GW	1			X									X				
RW0804-750-LittleMountain			JS	GW	1		X											X			
0				0																	

Turnaround Information

- [ ] 21 Day Standard
- [ ] 14 Day
- [x] 7 Days *EMERGENCY*
- [ ] Other _____ (Days)

Approved By:

RUSH TAT is for FAX data unless previously approved.

Data Deliverable Information

- [ ] NJ Reduced
- [x] NJ Full
- [ ] FULL CLP
- [ ] Disk Deliverable
- [ ] Other (Specify)
- [ ] Commercial "A"
- [ ] Commercial "B"
- [ ] ASP Category B
- [ ] State Forms

Comments / Remarks

Sample Custody must be documented below each time samples change possesion, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
Larry Berger	8/10/04 1920	1 Fed X	2 Fed X	8/11/04 0950	2
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by Sampler: 5	Date Time:	Received By: 5	Seal # 610 intact	Preserved where applica	On Ice: 2.0

159

TRS

CHAIN OF CUSTODY

Fresh Ponds Corporate Village, Building B
2235 Route 130, Dayton, NJ 08810
732-329-0200 FAX: 732-329-3499/3480

Accutest Job #: ~~N74776~~ N74646
Accutest Quote #:

Client Information

Name: Debra L. McGrath
Address: 2 Technology Park Drive
City: Westford State: MA Zip: 01886
Send Report to:
Phone #: (978) 589-3358

Facility Information

Project Name: Former Camp Butner
Location:
Project/PO #: 09090-068
FAX #: (978) 589-3282

Analytical Information

Field ID / Point of Collection	Collection Date	Collection Time	Sampled By	Matrix	# of bottles	Preservation HCL	NaOH	HNO3	H2SO4	None	VOCs / 8260B
RW0804-191-FalconLane-12	8/10/04	1515	[illegible]	GW	3	X					X

Turnaround Information

- [ ] 21 Day Standard — Approved By:
- [ ] 14 Day
- [X] 7 Days *EMERGENCY*
- [ ] Other _____ (Days)

RUSH TAT is for FAX data unless previously approved.

Data Deliverable Information

- [ ] NJ Reduced
- [X] NJ Full
- [ ] FULL CLP
- [ ] Disk Deliverable
- [ ] Other (Specify)
- [ ] Commercial "A"
- [ ] Commercial "B"
- [ ] ASP Category B
- [ ] State Forms

Comments / Remarks

Sample Custody must be documented below each time samples change possesion, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 [signature]	8/10/04 1732	1 FedX	2 FedX	8/11/04 0950	2 [signature]
3 [signature]		3	4		4
5		5			

Seal # 602 Preserved where applica On Ice: ✓ 2.5

TR5

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CHAIN OF CUSTODY

Fresh Ponds Corporate Village, Building B
2235 Route 130, Dayton, NJ 08810
732-329-0200 FAX: 732-329-3499/3480

Accutest Job #: ~~N74776~~ N74696
Accutest Quote #:

Client Information

Name: Debra L. McGrath
Address: 2 Technology Park Drive
City: Westford State: MA Zip: 01886
Send Report to:
Phone #: (978) 589-3358

Facility Information

Project Name: Former Camp Butner
Location:
Project/PO #: 09090-068
FAX #: (978) 589-3282

Analytical Information

Field ID / Point of Collection	Collection Date	Collection Time	Sampled By	Matrix	# of bottles	Preservation HCL	NaOH	HNO3	H2SO4	None	SVOCs / 8270C	Pesticides / PCBs / 8081A / 8082	Herbicides / 8151	Explosives / Nitroglycerin/ 8330/8332	Perchlorates / 8321M	TAL Metals (total) / 6010B / 6020 / 7470A	TAL Metals (dissolved) / 6010B / 6020 / 7470A	Cyanide / 9012A			
RW0804-191-FalconLane	8/10/04	1520	JB	GW	2					X	X										
RW0804-191-FalconLane			JB	GW	2					X		X									
RW0804-191-FalconLane			JB	GW	2					X			X								
RW0804-191-FalconLane			JB	GW	3					X				X							
RW0804-191-FalconLane			JB	GW	1					X					X						
RW0804-191-FalconLane			JB	GW	1			X								X					
RW0804-191-FalconLane			JB	GW	1			X									X				
RW0804-191-FalconLane			JB	GW	1		X											X			
0				0																	

Turnaround Information

- [ ] 21 Day Standard — Approved By:
- [ ] 14 Day
- [X] 7 Days *EMERGENCY*
- [ ] Other _____ (Days)

RUSH TAT is for FAX data unless previously approved.

Data Deliverable Information

- [ ] NJ Reduced
- [X] NJ Full
- [ ] FULL CLP
- [ ] Disk Deliverable
- [ ] Other (Specify)
- [ ] Commercial "A"
- [ ] Commercial "B"
- [ ] ASP Category B
- [ ] State Forms

Comments / Remarks

Sample Custody must be documented below each time samples change possesion, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	8/10/04 1750	1 FedX	2 FedX	8/11/04 0950	2
3		3	4		4
5		5	Seal # 677 intact	Preserved where applica	On Ice: 3C

TRS

CHAIN OF CUSTODY

Fresh Ponds Corporate Village, Building B
2235 Route 130, Dayton, NJ 08810
732-329-0200 FAX: 732-329-3499/3480

Accutest Job #: ~~N74770~~ N74646
Accutest Quote #:

Client Information	Facility Information
Debra L. McGrath	Former Camp Butner
Name: 2 Technology Park Drive	Project Name:
Address: Westford MA 01886	Location:
City State Zip	Project/PO #: 09090-068
Send Report to: Phone #: (978) 589-3358	FAX #: (978) 589-3282

Analytical Information: VOCs / 8260B

Field ID / Point of Collection	Collection Date	Time	Sampled By	Matrix	# of bottles	Preservation HCL	NaOH	HNO3	H2SO4	None	VOCs / 8260B
RW0804-4149-RangeRd ~~-12~~ -13	8/10/04	1400	JB	GW	3	X					X

Turnaround Information

- [ ] 21 Day Standard — Approved By:
- [ ] 14 Day
- [x] 7 Days *EMERGENCY*
- [ ] Other _____ (Days)

RUSH TAT is for FAX data unless previously approved.

Data Deliverable Information

- [ ] NJ Reduced
- [x] NJ Full
- [ ] FULL CLP
- [ ] Disk Deliverable
- [ ] Other (Specify)
- [ ] Commercial "A"
- [ ] Commercial "B"
- [ ] ASP Category B
- [ ] State Forms

Comments / Remarks

Sample Custody must be documented below each time samples change possesion, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
[signature]	8/10/04 1732	1 FedX	2 FedX	8/11/04 0950	2 [signature]
Relinquished By Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by Sampler: 5	Date Time:	Received By: 5	Seal # 602	Preserved where applica	On Ice: 25

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TRS

CHAIN OF CUSTODY

Fresh Ponds Corporate Village, Building B
2235 Route 130, Dayton, NJ 08810
732-329-0200 FAX: 732-329-3499/3480

Accutest Job #: ~~J77770~~ N74676
Accutest Quote #:

Client Information

Name: Debra L. McGrath
Address: 2 Technology Park Drive
City: Westford State: MA Zip: 01886
Send Report to:
Phone #: (978) 589-3358

Facility Information

Project Name: Former Camp Butner
Location:
Project/PO #: 09090-068
FAX #: (978) 589-3282

Analytical Information

Field ID / Point of Collection	Collection Date	Collection Time	Sampled By	Matrix	# of bottles	Preservation HCL	NaOH	HNO3	H2Se4	None	SVOCs / 8270C	Pesticides / PCBs / 8081A / 8082	Herbicides / 8151	Explosives / Nitroglycerin/ 8330/8332	Perchlorates / 8321M	TAL Metals (total) / 6010B / 6020 / 7470A	TAL Metals (dissolved) / 6010B / 6020 / 7470A	Cyanide / 9012A			
RW0804-4149-RangeRd	8/10/04	1405	JB	GW	2					X	X										
RW0804-4149-RangeRd			JB	GW	2					X		X									
RW0804-4149-RangeRd			JB	GW	2					X			X								
RW0804-4149-RangeRd (13)			JB	GW	3					X				X							
RW0804-4149-RangeRd			JB	GW	1					X					X						
RW0804-4149-RangeRd			JB	GW	1			X								X					
RW0804-4149-RangeRd			JB	GW	1			X									X				
RW0804-4149-RangeRd			JB	GW	1		X											X			
0				0																	

Turnaround Information

- [ ] 21 Day Standard — Approved By:
- [ ] 14 Day
- [X] 7 Days *EMERGENCY*
- [ ] Other _____ (Days)

RUSH TAT is for FAX data unless previously approved.

Data Deliverable Information

- [ ] NJ Reduced
- [X] NJ Full
- [ ] FULL CLP
- [ ] Disk Deliverable
- [ ] Other (Specify)
- [ ] Commercial "A"
- [ ] Commercial "B"
- [ ] ASP Category B
- [ ] State Forms

Comments / Remarks

Sample Custody must be documented below each time samples change possesion, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
Gary Berger	8/10/04 1745	1 FedX	2 FedX	8/11/04 0950	2
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by Sampler: 5	Date Time:	Received By: 5	Seal # 608	Preserved where applica	On Ice: 30

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TRS

Accutest Internal Chain of Custody

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC
Received: 08/10/04

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
N74646-1.1	Secured Storage	Ron Lee	08/11/04 13:15	Retrieve from Storage
N74646-1.1	Ron Lee	Anthony Troy Hankerson	08/11/04 15:11	Custody Transfer
N74646-1.1	Anthony Troy Hankerson		08/11/04 15:13	Depleted
N74646-1.1.1	Anthony Troy Hankerson	Organics Prep	08/11/04 15:13	Extract from N74646-1.1
N74646-1.1.1	Organics Prep	Anthony Troy Hankerson	08/11/04 19:21	Extract from N74646-1.1
N74646-1.1.1	Anthony Troy Hankerson	Extract Storage	08/11/04 19:21	Return to Storage
N74646-1.1.1	Extract Storage	Nina Pandya	08/13/04 11:10	Retrieve from Storage
N74646-1.1.1	Nina Pandya	GCMSF	08/13/04 11:10	Load on Instrument
N74646-1.1.1	GCMSF	Nina Pandya	08/18/04 11:43	Unload from Instrument
N74646-1.1.1	Nina Pandya	Extract Freezer	08/18/04 11:43	Return to Storage
N74646-1.2	Secured Storage	Ron Lee	08/11/04 13:15	Retrieve from Storage
N74646-1.2	Ron Lee	Anthony Troy Hankerson	08/11/04 15:11	Custody Transfer
N74646-1.2	Anthony Troy Hankerson		08/11/04 15:13	Depleted
N74646-1.2.1	Anthony Troy Hankerson	Organics Prep	08/11/04 15:13	Extract from N74646-1.2
N74646-1.2.1	Organics Prep	Anthony Troy Hankerson	08/11/04 19:21	Extract from N74646-1.2
N74646-1.2.1	Anthony Troy Hankerson	Extract Storage	08/11/04 19:21	Return to Storage
N74646-1.2.1	Extract Storage	Nina Pandya	08/13/04 11:10	Retrieve from Storage
N74646-1.2.1	Nina Pandya	GCMSF	08/13/04 11:10	Load on Instrument
N74646-1.2.1	GCMSF	Nina Pandya	08/18/04 11:43	Unload from Instrument
N74646-1.2.1	Nina Pandya	Extract Freezer	08/18/04 11:43	Return to Storage
N74646-1.4	Secured Storage	Ron Lee	08/11/04 13:15	Retrieve from Storage
N74646-1.4	Ron Lee	Karl M. Rosko	08/11/04 15:19	Custody Transfer
N74646-1.4	Karl M. Rosko		08/11/04 15:24	Depleted
N74646-1.4.1	Karl M. Rosko	Organics Prep	08/11/04 15:19	Extract from N74646-1.4
N74646-1.4.1	Organics Prep	Anthony Troy Hankerson	08/11/04 19:20	Extract from N74646-1.4
N74646-1.4.1	Anthony Troy Hankerson	Extract Storage	08/11/04 19:20	Return to Storage
N74646-1.4.1	Extract Storage	Owen McKenna	08/12/04 15:49	Retrieve from Storage
N74646-1.4.1	Owen McKenna	GCOA	08/12/04 15:49	Load on Instrument
N74646-1.4.1	GCOA	Owen McKenna	08/16/04 16:32	Unload from Instrument
N74646-1.4.1	Owen McKenna	Extract Freezer	08/16/04 16:32	Return to Storage
N74646-1.4.2	Karl M. Rosko	Organics Prep	08/11/04 15:22	Extract from N74646-1.4
N74646-1.4.2	Organics Prep	Anthony Troy Hankerson	08/11/04 19:21	Extract from N74646-1.4
N74646-1.4.2	Anthony Troy Hankerson	Extract Storage	08/11/04 19:21	Return to Storage
N74646-1.4.2	Extract Storage	Olga Azarihn	08/13/04 17:20	Retrieve from Storage
N74646-1.4.2	Olga Azarihn	GCEF	08/13/04 17:20	Load on Instrument
N74646-1.4.2	GCEF	Olga Azarihn	08/16/04 09:17	Unload from Instrument
N74646-1.4.2	Olga Azarihn	Extract Freezer	08/16/04 09:17	Return to Storage

Accutest Internal Chain of Custody

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC
Received: 08/10/04

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
N74646-1.6	Secured Storage	Ron Lee	08/11/04 13:15	Retrieve from Storage
N74646-1.6	Ron Lee	George Paunovski	08/11/04 15:26	Custody Transfer
N74646-1.6	George Paunovski		08/11/04 21:44	Depleted
N74646-1.6.1	George Paunovski	Organics Prep	08/11/04 15:26	Extract from N74646-1.6
N74646-1.6.1	Organics Prep	George Paunovski	08/11/04 23:10	Extract from N74646-1.6
N74646-1.6.1	George Paunovski	Extract Storage	08/11/04 23:10	Return to Storage
N74646-1.6.1	Extract Storage	Kristi Schollenberger	08/12/04 11:31	Retrieve from Storage
N74646-1.6.1	Kristi Schollenberger	GC1G	08/12/04 11:31	Load on Instrument
N74646-1.6.1	GC1G	Kristi Schollenberger	08/16/04 16:36	Unload from Instrument
N74646-1.6.1	Kristi Schollenberger	Extract Freezer	08/16/04 16:37	Return to Storage
N74646-1.7	Secured Storage	Kevin Coughlin	08/11/04 11:12	Retrieve from Storage
N74646-1.7	Kevin Coughlin	Wenying Guo	08/11/04 11:13	Custody Transfer
N74646-1.7	Wenying Guo	Secured Storage	08/11/04 14:43	Return to Storage
N74646-1.7	Secured Storage	Dave Hunkele	08/12/04 06:41	Retrieve from Storage
N74646-1.7	Dave Hunkele	Jieyu Wang	08/12/04 08:04	Custody Transfer
N74646-1.7	Jieyu Wang	Secured Storage	08/12/04 14:05	Return to Storage
N74646-1.7.1	Wenying Guo	Hg Metals Digestion	08/11/04 14:43	Digestate from N74646-1.7
N74646-1.7.1	Hg Metals Digestion	Wenying Guo	08/12/04 09:51	Digestate from N74646-1.7
N74646-1.7.1	Wenying Guo	Metals Digestate Storage	08/13/04 11:20	Return to Storage
N74646-1.7.2	Jieyu Wang	Metals Digestion	08/12/04 08:50	Digestate from N74646-1.7
N74646-1.7.2	Metals Digestion	Julie Hong	08/12/04 13:20	Digestate from N74646-1.7
N74646-1.7.2	Julie Hong	Metals Digestate Storage	08/12/04 13:24	Return to Storage
N74646-1.7.2	Metals Digestate Storage	Nancy Duan	08/12/04 15:23	Retrieve from Storage
N74646-1.7.2	Nancy Duan	Metals Digestate Storage	08/12/04 17:02	Return to Storage
N74646-1.7.2	Metals Digestate Storage	Nancy Duan	08/16/04 10:51	Retrieve from Storage
N74646-1.7.2	Nancy Duan	Metals Digestate Storage	08/16/04 17:32	Return to Storage
N74646-1.9	Secured Storage	Nick Popow	08/10/04 15:26	Retrieve from Storage
N74646-1.9	Nick Popow		08/11/04 15:58	Subcontract
N74646-1.10	Secured Storage	Dave Hunkele	08/11/04 13:19	Retrieve from Storage
N74646-1.10	Dave Hunkele	Christine Buccheri	08/11/04 13:26	Custody Transfer
N74646-1.10	Christine Buccheri	Secured Storage	08/11/04 15:51	Return to Storage
N74646-1.10	Secured Storage	Millicent Walker	08/15/04 09:16	Retrieve from Storage
N74646-1.10	Millicent Walker	Secured Storage	08/15/04 13:32	Return to Storage
N74646-1.10.1	Christine Buccheri	GenChem Distillation	08/11/04 15:42	Distillate from N74646-1.10
N74646-1.10.1	GenChem Distillation	Christine Buccheri	08/11/04 15:46	Distillate from N74646-1.10
N74646-1.10.1	Christine Buccheri	GenChem Prep Storage	08/11/04 15:48	Return to Storage

Accutest Internal Chain of Custody

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC
Received: 08/10/04

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
N74646-1.10.2	Millicent Walker	GenChem Distillation	08/15/04 13:19	Distillate from N74646-1.10
N74646-1.10.2	GenChem Distillation	Millicent Walker	08/15/04 13:21	Distillate from N74646-1.10
N74646-1.10.2	Millicent Walker	GenChem Prep Storage	08/15/04 13:22	Return to Storage
N74646-1.11	Secured Storage	Ying Li	08/12/04 17:04	Retrieve from Storage
N74646-1.11	Ying Li	GCMSD	08/12/04 17:04	Load on Instrument
N74646-1.11	GCMSD	Ying Li	08/13/04 14:56	Unload from Instrument
N74646-1.11	Ying Li	Secured Storage	08/13/04 14:56	Return to Storage
N74646-1.12	Secured Storage	Ying Li	08/12/04 17:04	Retrieve from Storage
N74646-1.12	Ying Li	GCMSD	08/12/04 17:04	Load on Instrument
N74646-1.12	GCMSD	Ying Li	08/13/04 14:56	Unload from Instrument
N74646-1.12	Ying Li	Secured Storage	08/13/04 14:56	Return to Storage
N74646-1F.8	Secured Storage	Kevin Coughlin	08/11/04 11:12	Retrieve from Storage
N74646-1F.8	Kevin Coughlin	Wenying Guo	08/11/04 11:13	Custody Transfer
N74646-1F.8	Wenying Guo	Secured Storage	08/11/04 14:43	Return to Storage
N74646-1F.8	Secured Storage	Dave Hunkele	08/12/04 06:41	Retrieve from Storage
N74646-1F.8	Dave Hunkele	Jieyu Wang	08/12/04 08:04	Custody Transfer
N74646-1F.8	Jieyu Wang	Secured Storage	08/12/04 14:05	Return to Storage
N74646-1F.8.1	Wenying Guo	Hg Metals Digestion	08/11/04 14:43	Digestate from N74646-1F.8
N74646-1F.8.1	Hg Metals Digestion	Wenying Guo	08/12/04 09:51	Digestate from N74646-1F.8
N74646-1F.8.1	Wenying Guo	Metals Digestate Storage	08/13/04 11:20	Return to Storage
N74646-1F.8.2	Jieyu Wang	Metals Digestion	08/12/04 08:50	Digestate from N74646-1F.8
N74646-1F.8.2	Metals Digestion	Julie Hong	08/12/04 13:20	Digestate from N74646-1F.8
N74646-1F.8.2	Julie Hong	Metals Digestate Storage	08/12/04 13:24	Return to Storage
N74646-1F.8.2	Metals Digestate Storage	Nancy Duan	08/12/04 15:23	Retrieve from Storage
N74646-1F.8.2	Nancy Duan	Metals Digestate Storage	08/12/04 17:02	Return to Storage
N74646-1F.8.2	Metals Digestate Storage	Nancy Duan	08/16/04 10:51	Retrieve from Storage
N74646-1F.8.2	Nancy Duan	Metals Digestate Storage	08/16/04 17:32	Return to Storage
N74646-2.2	Secured Storage	Ron Lee	08/11/04 13:15	Retrieve from Storage
N74646-2.2	Ron Lee	Anthony Troy Hankerson	08/11/04 15:11	Custody Transfer
N74646-2.2	Anthony Troy Hankerson		08/11/04 15:13	Depleted
N74646-2.2.1	Anthony Troy Hankerson	Organics Prep	08/11/04 15:13	Extract from N74646-2.2
N74646-2.2.1	Organics Prep	Anthony Troy Hankerson	08/11/04 19:21	Extract from N74646-2.2
N74646-2.2.1	Anthony Troy Hankerson	Extract Storage	08/11/04 19:21	Return to Storage
N74646-2.2.1	Extract Storage	Nina Pandya	08/13/04 11:10	Retrieve from Storage
N74646-2.2.1	Nina Pandya	GCMSF	08/13/04 11:10	Load on Instrument
N74646-2.2.1	GCMSF	Nina Pandya	08/18/04 11:43	Unload from Instrument
N74646-2.2.1	Nina Pandya	Extract Freezer	08/18/04 11:43	Return to Storage

Accutest Internal Chain of Custody

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC
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Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
N74646-2.3	Secured Storage	Ron Lee	08/11/04 13:15	Retrieve from Storage
N74646-2.3	Ron Lee	Karl M. Rosko	08/11/04 15:19	Custody Transfer
N74646-2.3	Karl M. Rosko		08/11/04 15:24	Depleted
N74646-2.3.1	Karl M. Rosko	Organics Prep	08/11/04 15:19	Extract from N74646-2.3
N74646-2.3.1	Organics Prep	Anthony Troy Hankerson	08/11/04 19:20	Extract from N74646-2.3
N74646-2.3.1	Anthony Troy Hankerson	Extract Storage	08/11/04 19:20	Return to Storage
N74646-2.3.1	Extract Storage	Owen McKenna	08/12/04 15:49	Retrieve from Storage
N74646-2.3.1	Owen McKenna	GCOA	08/12/04 15:49	Load on Instrument
N74646-2.3.1	GCOA	Owen McKenna	08/16/04 16:32	Unload from Instrument
N74646-2.3.1	Owen McKenna	Extract Freezer	08/16/04 16:32	Return to Storage
N74646-2.3.2	Karl M. Rosko	Organics Prep	08/11/04 15:22	Extract from N74646-2.3
N74646-2.3.2	Organics Prep	Anthony Troy Hankerson	08/11/04 19:21	Extract from N74646-2.3
N74646-2.3.2	Anthony Troy Hankerson	Extract Storage	08/11/04 19:21	Return to Storage
N74646-2.3.2	Extract Storage	Olga Azarihn	08/13/04 17:20	Retrieve from Storage
N74646-2.3.2	Olga Azarihn	GCEF	08/13/04 17:20	Load on Instrument
N74646-2.3.2	GCEF	Olga Azarihn	08/16/04 09:17	Unload from Instrument
N74646-2.3.2	Olga Azarihn	Extract Freezer	08/16/04 09:17	Return to Storage
N74646-2.4	Secured Storage	Ron Lee	08/11/04 13:15	Retrieve from Storage
N74646-2.4	Ron Lee	Karl M. Rosko	08/11/04 15:19	Custody Transfer
N74646-2.4	Karl M. Rosko		08/11/04 15:24	Depleted
N74646-2.4.1	Karl M. Rosko	Organics Prep	08/11/04 15:19	Extract from N74646-2.4
N74646-2.4.1	Organics Prep	Anthony Troy Hankerson	08/11/04 19:20	Extract from N74646-2.4
N74646-2.4.1	Anthony Troy Hankerson	Extract Storage	08/11/04 19:20	Return to Storage
N74646-2.5	Secured Storage	Ron Lee	08/11/04 13:15	Retrieve from Storage
N74646-2.5	Ron Lee	George Paunovski	08/11/04 15:26	Custody Transfer
N74646-2.5	George Paunovski		08/11/04 21:44	Depleted
N74646-2.5.1	George Paunovski	Organics Prep	08/11/04 15:26	Extract from N74646-2.5
N74646-2.5.1	Organics Prep	George Paunovski	08/11/04 23:10	Extract from N74646-2.5
N74646-2.5.1	George Paunovski	Extract Storage	08/11/04 23:10	Return to Storage
N74646-2.5.1	Extract Storage	Kristi Schollenberger	08/12/04 11:31	Retrieve from Storage
N74646-2.5.1	Kristi Schollenberger	GC1G	08/12/04 11:31	Load on Instrument
N74646-2.5.1	GC1G	Kristi Schollenberger	08/16/04 16:36	Unload from Instrument
N74646-2.5.1	Kristi Schollenberger	Extract Freezer	08/16/04 16:37	Return to Storage
N74646-2.7	Secured Storage	Kevin Coughlin	08/11/04 11:12	Retrieve from Storage
N74646-2.7	Kevin Coughlin	Wenying Guo	08/11/04 11:13	Custody Transfer
N74646-2.7	Wenying Guo	Secured Storage	08/11/04 14:43	Return to Storage

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Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
N74646-2.7	Secured Storage	Dave Hunkele	08/12/04 06:41	Retrieve from Storage
N74646-2.7	Dave Hunkele	Jieyu Wang	08/12/04 08:04	Custody Transfer
N74646-2.7	Jieyu Wang	Secured Storage	08/12/04 14:05	Return to Storage
N74646-2.7.1	Wenying Guo	Hg Metals Digestion	08/11/04 14:43	Digestate from N74646-2.7
N74646-2.7.1	Hg Metals Digestion	Wenying Guo	08/12/04 09:51	Digestate from N74646-2.7
N74646-2.7.1	Wenying Guo	Metals Digestate Storage	08/13/04 11:20	Return to Storage
N74646-2.7.2	Jieyu Wang	Metals Digestion	08/12/04 08:50	Digestate from N74646-2.7
N74646-2.7.2	Metals Digestion	Julie Hong	08/12/04 13:20	Digestate from N74646-2.7
N74646-2.7.2	Julie Hong	Metals Digestate Storage	08/12/04 13:24	Return to Storage
N74646-2.7.2	Metals Digestate Storage	Nancy Duan	08/12/04 15:23	Retrieve from Storage
N74646-2.7.2	Nancy Duan	Metals Digestate Storage	08/12/04 17:02	Return to Storage
N74646-2.7.2	Metals Digestate Storage	Nancy Duan	08/16/04 10:51	Retrieve from Storage
N74646-2.7.2	Nancy Duan	Metals Digestate Storage	08/16/04 17:32	Return to Storage
N74646-2.9	Secured Storage	Nick Popow	08/10/04 15:26	Retrieve from Storage
N74646-2.9	Nick Popow		08/11/04 15:58	Subcontract
N74646-2.10	Secured Storage	Dave Hunkele	08/11/04 13:19	Retrieve from Storage
N74646-2.10	Dave Hunkele	Christine Buccheri	08/11/04 13:26	Custody Transfer
N74646-2.10	Christine Buccheri	Secured Storage	08/11/04 15:51	Return to Storage
N74646-2.10	Secured Storage	Millicent Walker	08/15/04 09:16	Retrieve from Storage
N74646-2.10	Millicent Walker	Secured Storage	08/15/04 13:32	Return to Storage
N74646-2.10.1	Christine Buccheri	GenChem Distillation	08/11/04 15:42	Distillate from N74646-2.10
N74646-2.10.1	GenChem Distillation	Christine Buccheri	08/11/04 15:46	Distillate from N74646-2.10
N74646-2.10.1	Christine Buccheri	GenChem Prep Storage	08/11/04 15:48	Return to Storage
N74646-2.10.2	Millicent Walker	GenChem Distillation	08/15/04 13:19	Distillate from N74646-2.10
N74646-2.10.2	GenChem Distillation	Millicent Walker	08/15/04 13:21	Distillate from N74646-2.10
N74646-2.10.2	Millicent Walker	GenChem Prep Storage	08/15/04 13:22	Return to Storage
N74646-2.11	Secured Storage	Ying Li	08/12/04 17:04	Retrieve from Storage
N74646-2.11	Ying Li	GCMSD	08/12/04 17:04	Load on Instrument
N74646-2.11	GCMSD	Ying Li	08/13/04 14:56	Unload from Instrument
N74646-2.11	Ying Li	Secured Storage	08/13/04 14:56	Return to Storage
N74646-2F.8	Secured Storage	Kevin Coughlin	08/11/04 11:12	Retrieve from Storage
N74646-2F.8	Kevin Coughlin	Wenying Guo	08/11/04 11:13	Custody Transfer
N74646-2F.8	Wenying Guo	Secured Storage	08/11/04 14:43	Return to Storage
N74646-2F.8	Secured Storage	Dave Hunkele	08/12/04 06:41	Retrieve from Storage
N74646-2F.8	Dave Hunkele	Jieyu Wang	08/12/04 08:04	Custody Transfer
N74646-2F.8	Jieyu Wang	Secured Storage	08/12/04 14:05	Return to Storage

Accutest Internal Chain of Custody

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Project: Former Camp Butner, NC
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Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
N74646-2F.8.1	Wenying Guo	Hg Metals Digestion	08/11/04 14:43	Digestate from N74646-2F.8
N74646-2F.8.1	Hg Metals Digestion	Wenying Guo	08/12/04 09:51	Digestate from N74646-2F.8
N74646-2F.8.1	Wenying Guo	Metals Digestate Storage	08/13/04 11:20	Return to Storage
N74646-2F.8.2	Jieyu Wang	Metals Digestion	08/12/04 08:50	Digestate from N74646-2F.8
N74646-2F.8.2	Metals Digestion	Julie Hong	08/12/04 13:20	Digestate from N74646-2F.8
N74646-2F.8.2	Julie Hong	Metals Digestate Storage	08/12/04 13:24	Return to Storage
N74646-2F.8.2	Metals Digestate Storage	Nancy Duan	08/12/04 15:23	Retrieve from Storage
N74646-2F.8.2	Nancy Duan	Metals Digestate Storage	08/12/04 17:02	Return to Storage
N74646-2F.8.2	Metals Digestate Storage	Nancy Duan	08/16/04 10:51	Retrieve from Storage
N74646-2F.8.2	Nancy Duan	Metals Digestate Storage	08/16/04 17:32	Return to Storage
N74646-3.2	Secured Storage	Ron Lee	08/11/04 13:15	Retrieve from Storage
N74646-3.2	Ron Lee	Anthony Troy Hankerson	08/11/04 15:11	Custody Transfer
N74646-3.2	Anthony Troy Hankerson		08/11/04 15:13	Depleted
N74646-3.2.1	Anthony Troy Hankerson	Organics Prep	08/11/04 15:13	Extract from N74646-3.2
N74646-3.2.1	Organics Prep	Anthony Troy Hankerson	08/11/04 19:21	Extract from N74646-3.2
N74646-3.2.1	Anthony Troy Hankerson	Extract Storage	08/11/04 19:21	Return to Storage
N74646-3.2.1	Extract Storage	Nina Pandya	08/13/04 11:10	Retrieve from Storage
N74646-3.2.1	Nina Pandya	GCMSF	08/13/04 11:10	Load on Instrument
N74646-3.2.1	GCMSF	Nina Pandya	08/18/04 11:43	Unload from Instrument
N74646-3.2.1	Nina Pandya	Extract Freezer	08/18/04 11:43	Return to Storage
N74646-3.3	Secured Storage	Ron Lee	08/11/04 13:15	Retrieve from Storage
N74646-3.3	Ron Lee	Karl M. Rosko	08/11/04 15:19	Custody Transfer
N74646-3.3	Karl M. Rosko		08/11/04 15:24	Depleted
N74646-3.3.1	Karl M. Rosko	Organics Prep	08/11/04 15:19	Extract from N74646-3.3
N74646-3.3.1	Organics Prep	Anthony Troy Hankerson	08/11/04 19:20	Extract from N74646-3.3
N74646-3.3.1	Anthony Troy Hankerson	Extract Storage	08/11/04 19:20	Return to Storage
N74646-3.3.1	Extract Storage	Owen McKenna	08/12/04 15:49	Retrieve from Storage
N74646-3.3.1	Owen McKenna	GCOA	08/12/04 15:49	Load on Instrument
N74646-3.3.1	GCOA	Owen McKenna	08/16/04 16:32	Unload from Instrument
N74646-3.3.1	Owen McKenna	Extract Freezer	08/16/04 16:32	Return to Storage
N74646-3.3.2	Karl M. Rosko	Organics Prep	08/11/04 15:22	Extract from N74646-3.3
N74646-3.3.2	Organics Prep	Anthony Troy Hankerson	08/11/04 19:21	Extract from N74646-3.3
N74646-3.3.2	Anthony Troy Hankerson	Extract Storage	08/11/04 19:21	Return to Storage
N74646-3.3.2	Extract Storage	Olga Azarihn	08/13/04 17:20	Retrieve from Storage
N74646-3.3.2	Olga Azarihn	GCEF	08/13/04 17:20	Load on Instrument
N74646-3.3.2	GCEF	Olga Azarihn	08/16/04 09:17	Unload from Instrument
N74646-3.3.2	Olga Azarihn	Extract Freezer	08/16/04 09:17	Return to Storage

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Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
N74646-3.4	Secured Storage	Ron Lee	08/11/04 13:15	Retrieve from Storage
N74646-3.4	Ron Lee	Karl M. Rosko	08/11/04 15:23	Custody Transfer
N74646-3.4	Karl M. Rosko		08/11/04 15:24	Depleted
N74646-3.4.1	Karl M. Rosko	Organics Prep	08/11/04 15:24	Extract from N74646-3.4
N74646-3.4.1	Organics Prep	Anthony Troy Hankerson	08/11/04 19:21	Extract from N74646-3.4
N74646-3.4.1	Anthony Troy Hankerson	Extract Storage	08/11/04 19:21	Return to Storage
N74646-3.4.1	Extract Storage	Olga Azarihn	08/13/04 17:20	Retrieve from Storage
N74646-3.4.1	Olga Azarihn	GCEF	08/13/04 17:20	Load on Instrument
N74646-3.4.1	GCEF	Olga Azarihn	08/16/04 09:17	Unload from Instrument
N74646-3.4.1	Olga Azarihn	Extract Freezer	08/16/04 09:17	Return to Storage
N74646-3.6	Secured Storage	Ron Lee	08/11/04 13:15	Retrieve from Storage
N74646-3.6	Ron Lee	George Paunovski	08/11/04 15:26	Custody Transfer
N74646-3.6	George Paunovski		08/11/04 21:44	Depleted
N74646-3.6.1	George Paunovski	Organics Prep	08/11/04 15:26	Extract from N74646-3.6
N74646-3.6.1	Organics Prep	George Paunovski	08/11/04 23:10	Extract from N74646-3.6
N74646-3.6.1	George Paunovski	Extract Storage	08/11/04 23:10	Return to Storage
N74646-3.6.1	Extract Storage	Kristi Schollenberger	08/12/04 11:31	Retrieve from Storage
N74646-3.6.1	Kristi Schollenberger	GC1G	08/12/04 11:31	Load on Instrument
N74646-3.6.1	GC1G	Kristi Schollenberger	08/16/04 16:36	Unload from Instrument
N74646-3.6.1	Kristi Schollenberger	Extract Freezer	08/16/04 16:37	Return to Storage
N74646-3.7	Secured Storage	Kevin Coughlin	08/11/04 11:12	Retrieve from Storage
N74646-3.7	Kevin Coughlin	Wenying Guo	08/11/04 11:13	Custody Transfer
N74646-3.7	Wenying Guo	Secured Storage	08/11/04 14:43	Return to Storage
N74646-3.7	Secured Storage	Dave Hunkele	08/12/04 06:41	Retrieve from Storage
N74646-3.7	Dave Hunkele	Jieyu Wang	08/12/04 08:04	Custody Transfer
N74646-3.7	Jieyu Wang	Secured Storage	08/12/04 14:05	Return to Storage
N74646-3.7.1	Wenying Guo	Hg Metals Digestion	08/11/04 14:43	Digestate from N74646-3.7
N74646-3.7.1	Hg Metals Digestion	Wenying Guo	08/12/04 09:51	Digestate from N74646-3.7
N74646-3.7.1	Wenying Guo	Metals Digestate Storage	08/13/04 11:20	Return to Storage
N74646-3.7.2	Jieyu Wang	Metals Digestion	08/12/04 08:50	Digestate from N74646-3.7
N74646-3.7.2	Metals Digestion	Julie Hong	08/12/04 13:20	Digestate from N74646-3.7
N74646-3.7.2	Julie Hong	Metals Digestate Storage	08/12/04 13:24	Return to Storage
N74646-3.7.2	Metals Digestate Storage	Nancy Duan	08/12/04 15:23	Retrieve from Storage
N74646-3.7.2	Nancy Duan	Metals Digestate Storage	08/12/04 17:02	Return to Storage
N74646-3.7.2	Metals Digestate Storage	Nancy Duan	08/16/04 10:51	Retrieve from Storage
N74646-3.7.2	Nancy Duan	Metals Digestate Storage	08/16/04 17:32	Return to Storage

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Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
N74646-3.9	Secured Storage	Nick Popow	08/10/04 15:26	Retrieve from Storage
N74646-3.9	Nick Popow		08/11/04 15:58	Subcontract
N74646-3.10	Secured Storage	Dave Hunkele	08/11/04 13:19	Retrieve from Storage
N74646-3.10	Dave Hunkele	Christine Buccheri	08/11/04 13:26	Custody Transfer
N74646-3.10	Christine Buccheri	Secured Storage	08/11/04 15:51	Return to Storage
N74646-3.10	Secured Storage	Millicent Walker	08/15/04 09:16	Retrieve from Storage
N74646-3.10	Millicent Walker	Secured Storage	08/15/04 13:32	Return to Storage
N74646-3.10.1	Christine Buccheri	GenChem Distillation	08/11/04 15:42	Distillate from N74646-3.10
N74646-3.10.1	GenChem Distillation	Christine Buccheri	08/11/04 15:46	Distillate from N74646-3.10
N74646-3.10.1	Christine Buccheri	GenChem Prep Storage	08/11/04 15:48	Return to Storage
N74646-3.10.2	Millicent Walker	GenChem Distillation	08/15/04 13:19	Distillate from N74646-3.10
N74646-3.10.2	GenChem Distillation	Millicent Walker	08/15/04 13:21	Distillate from N74646-3.10
N74646-3.10.2	Millicent Walker	GenChem Prep Storage	08/15/04 13:22	Return to Storage
N74646-3.11	Secured Storage	Ying Li	08/12/04 17:04	Retrieve from Storage
N74646-3.11	Ying Li	GCMSD	08/12/04 17:04	Load on Instrument
N74646-3.11	GCMSD	Ying Li	08/13/04 14:56	Unload from Instrument
N74646-3.11	Ying Li	Secured Storage	08/13/04 14:56	Return to Storage
N74646-3F.8	Secured Storage	Kevin Coughlin	08/11/04 11:12	Retrieve from Storage
N74646-3F.8	Kevin Coughlin	Wenying Guo	08/11/04 11:13	Custody Transfer
N74646-3F.8	Wenying Guo	Secured Storage	08/11/04 14:43	Return to Storage
N74646-3F.8	Secured Storage	Dave Hunkele	08/12/04 06:41	Retrieve from Storage
N74646-3F.8	Dave Hunkele	Jieyu Wang	08/12/04 08:04	Custody Transfer
N74646-3F.8	Jieyu Wang	Secured Storage	08/12/04 14:05	Return to Storage
N74646-3F.8.1	Wenying Guo	Hg Metals Digestion	08/11/04 14:43	Digestate from N74646-3F.8
N74646-3F.8.1	Hg Metals Digestion	Wenying Guo	08/12/04 09:51	Digestate from N74646-3F.8
N74646-3F.8.1	Wenying Guo	Metals Digestate Storage	08/13/04 11:20	Return to Storage
N74646-3F.8.2	Jieyu Wang	Metals Digestion	08/12/04 08:50	Digestate from N74646-3F.8
N74646-3F.8.2	Metals Digestion	Julie Hong	08/12/04 13:20	Digestate from N74646-3F.8
N74646-3F.8.2	Julie Hong	Metals Digestate Storage	08/12/04 13:24	Return to Storage
N74646-3F.8.2	Metals Digestate Storage	Nancy Duan	08/12/04 15:23	Retrieve from Storage
N74646-3F.8.2	Nancy Duan	Metals Digestate Storage	08/12/04 17:02	Return to Storage
N74646-3F.8.2	Metals Digestate Storage	Nancy Duan	08/16/04 10:51	Retrieve from Storage
N74646-3F.8.2	Nancy Duan	Metals Digestate Storage	08/16/04 17:32	Return to Storage
N74646-4.2	Secured Storage	Ron Lee	08/11/04 13:15	Retrieve from Storage
N74646-4.2	Ron Lee	Anthony Troy Hankerson	08/11/04 15:11	Custody Transfer
N74646-4.2	Anthony Troy Hankerson		08/11/04 15:13	Depleted

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Project: Former Camp Butner, NC
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Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
N74646-4.2.1	Anthony Troy Hankerson	Organics Prep	08/11/04 15:13	Extract from N74646-4.2
N74646-4.2.1	Organics Prep	Anthony Troy Hankerson	08/11/04 19:21	Extract from N74646-4.2
N74646-4.2.1	Anthony Troy Hankerson	Extract Storage	08/11/04 19:21	Return to Storage
N74646-4.2.1	Extract Storage	Nina Pandya	08/13/04 11:10	Retrieve from Storage
N74646-4.2.1	Nina Pandya	GCMSF	08/13/04 11:10	Load on Instrument
N74646-4.2.1	GCMSF	Nina Pandya	08/18/04 11:43	Unload from Instrument
N74646-4.2.1	Nina Pandya	Extract Freezer	08/18/04 11:43	Return to Storage
N74646-4.4	Secured Storage	Ron Lee	08/11/04 13:15	Retrieve from Storage
N74646-4.4	Ron Lee	Karl M. Rosko	08/11/04 15:19	Custody Transfer
N74646-4.4	Karl M. Rosko		08/11/04 15:24	Depleted
N74646-4.4.1	Karl M. Rosko	Organics Prep	08/11/04 15:19	Extract from N74646-4.4
N74646-4.4.1	Organics Prep	Anthony Troy Hankerson	08/11/04 19:20	Extract from N74646-4.4
N74646-4.4.1	Anthony Troy Hankerson	Extract Storage	08/11/04 19:20	Return to Storage
N74646-4.4.1	Extract Storage	Owen McKenna	08/12/04 15:49	Retrieve from Storage
N74646-4.4.1	Owen McKenna	GCOA	08/12/04 15:49	Load on Instrument
N74646-4.4.1	GCOA	Owen McKenna	08/16/04 16:32	Unload from Instrument
N74646-4.4.1	Owen McKenna	Extract Freezer	08/16/04 16:32	Return to Storage
N74646-4.4.2	Karl M. Rosko	Organics Prep	08/11/04 15:22	Extract from N74646-4.4
N74646-4.4.2	Organics Prep	Anthony Troy Hankerson	08/11/04 19:21	Extract from N74646-4.4
N74646-4.4.2	Anthony Troy Hankerson	Extract Storage	08/11/04 19:21	Return to Storage
N74646-4.4.2	Extract Storage	Olga Azarihn	08/13/04 17:20	Retrieve from Storage
N74646-4.4.2	Olga Azarihn	GCEF	08/13/04 17:20	Load on Instrument
N74646-4.4.2	GCEF	Olga Azarihn	08/16/04 09:17	Unload from Instrument
N74646-4.4.2	Olga Azarihn	Extract Freezer	08/16/04 09:17	Return to Storage
N74646-4.5	Secured Storage	Ron Lee	08/11/04 13:15	Retrieve from Storage
N74646-4.5	Ron Lee	George Paunovski	08/11/04 15:26	Custody Transfer
N74646-4.5	George Paunovski		08/11/04 21:44	Depleted
N74646-4.5.1	George Paunovski	Organics Prep	08/11/04 15:26	Extract from N74646-4.5
N74646-4.5.1	Organics Prep	George Paunovski	08/11/04 23:10	Extract from N74646-4.5
N74646-4.5.1	George Paunovski	Extract Storage	08/11/04 23:10	Return to Storage
N74646-4.6	Secured Storage	Ron Lee	08/11/04 13:15	Retrieve from Storage
N74646-4.6	Ron Lee	George Paunovski	08/11/04 15:26	Custody Transfer
N74646-4.6	George Paunovski		08/11/04 21:44	Depleted
N74646-4.6.1	George Paunovski	Organics Prep	08/11/04 15:26	Extract from N74646-4.6
N74646-4.6.1	Organics Prep	George Paunovski	08/11/04 23:10	Extract from N74646-4.6
N74646-4.6.1	George Paunovski	Extract Storage	08/11/04 23:10	Return to Storage

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Job Number: N74646
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Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
N74646-4.6.1	Extract Storage	Kristi Schollenberger	08/12/04 11:31	Retrieve from Storage
N74646-4.6.1	Kristi Schollenberger	GC1G	08/12/04 11:31	Load on Instrument
N74646-4.6.1	GC1G	Kristi Schollenberger	08/12/04 17:43	Unload from Instrument
N74646-4.6.1	Kristi Schollenberger	Extract Freezer	08/12/04 17:43	Return to Storage
N74646-4.7	Secured Storage	Kevin Coughlin	08/11/04 11:12	Retrieve from Storage
N74646-4.7	Kevin Coughlin	Wenying Guo	08/11/04 11:13	Custody Transfer
N74646-4.7	Wenying Guo	Secured Storage	08/11/04 14:43	Return to Storage
N74646-4.7	Secured Storage	Dave Hunkele	08/12/04 06:41	Retrieve from Storage
N74646-4.7	Dave Hunkele	Jieyu Wang	08/12/04 08:04	Custody Transfer
N74646-4.7	Jieyu Wang	Secured Storage	08/12/04 14:05	Return to Storage
N74646-4.7.1	Wenying Guo	Hg Metals Digestion	08/11/04 14:43	Digestate from N74646-4.7
N74646-4.7.1	Hg Metals Digestion	Wenying Guo	08/12/04 09:51	Digestate from N74646-4.7
N74646-4.7.1	Wenying Guo	Metals Digestate Storage	08/13/04 11:20	Return to Storage
N74646-4.7.2	Jieyu Wang	Metals Digestion	08/12/04 08:50	Digestate from N74646-4.7
N74646-4.7.2	Metals Digestion	Julie Hong	08/12/04 13:20	Digestate from N74646-4.7
N74646-4.7.2	Julie Hong	Metals Digestate Storage	08/12/04 13:24	Return to Storage
N74646-4.7.2	Metals Digestate Storage	Nancy Duan	08/12/04 15:23	Retrieve from Storage
N74646-4.7.2	Nancy Duan	Metals Digestate Storage	08/12/04 17:02	Return to Storage
N74646-4.7.2	Metals Digestate Storage	Nancy Duan	08/16/04 10:51	Retrieve from Storage
N74646-4.7.2	Nancy Duan	Metals Digestate Storage	08/16/04 17:32	Return to Storage
N74646-4.9	Secured Storage	Nick Popow	08/10/04 15:26	Retrieve from Storage
N74646-4.9	Nick Popow		08/11/04 15:58	Subcontract
N74646-4.10	Secured Storage	Dave Hunkele	08/11/04 13:19	Retrieve from Storage
N74646-4.10	Dave Hunkele	Christine Buccheri	08/11/04 13:26	Custody Transfer
N74646-4.10	Christine Buccheri	Secured Storage	08/11/04 15:51	Return to Storage
N74646-4.10	Secured Storage	Millicent Walker	08/15/04 09:16	Retrieve from Storage
N74646-4.10	Millicent Walker	Secured Storage	08/15/04 13:32	Return to Storage
N74646-4.10.1	Christine Buccheri	GenChem Distillation	08/11/04 15:42	Distillate from N74646-4.10
N74646-4.10.1	GenChem Distillation	Christine Buccheri	08/11/04 15:46	Distillate from N74646-4.10
N74646-4.10.1	Christine Buccheri	GenChem Prep Storage	08/11/04 15:48	Return to Storage
N74646-4.10.2	Millicent Walker	GenChem Distillation	08/15/04 13:19	Distillate from N74646-4.10
N74646-4.10.2	GenChem Distillation	Millicent Walker	08/15/04 13:21	Distillate from N74646-4.10
N74646-4.10.2	Millicent Walker	GenChem Prep Storage	08/15/04 13:22	Return to Storage
N74646-4.11	Secured Storage	Ying Li	08/12/04 17:04	Retrieve from Storage
N74646-4.11	Ying Li	GCMSD	08/12/04 17:04	Load on Instrument
N74646-4.11	GCMSD	Ying Li	08/13/04 14:56	Unload from Instrument

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Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
N74646-4.11	Ying Li	Secured Storage	08/13/04 14:56	Return to Storage
N74646-4F.8	Secured Storage	Kevin Coughlin	08/11/04 11:12	Retrieve from Storage
N74646-4F.8	Kevin Coughlin	Wenying Guo	08/11/04 11:13	Custody Transfer
N74646-4F.8	Wenying Guo	Secured Storage	08/11/04 14:43	Return to Storage
N74646-4F.8	Secured Storage	Dave Hunkele	08/12/04 06:41	Retrieve from Storage
N74646-4F.8	Dave Hunkele	Jieyu Wang	08/12/04 08:04	Custody Transfer
N74646-4F.8	Jieyu Wang	Secured Storage	08/12/04 14:05	Return to Storage
N74646-4F.8.1	Wenying Guo	Hg Metals Digestion	08/11/04 14:43	Digestate from N74646-4F.8
N74646-4F.8.1	Hg Metals Digestion	Wenying Guo	08/12/04 09:51	Digestate from N74646-4F.8
N74646-4F.8.1	Wenying Guo	Metals Digestate Storage	08/13/04 11:20	Return to Storage
N74646-4F.8.2	Jieyu Wang	Metals Digestion	08/12/04 08:50	Digestate from N74646-4F.8
N74646-4F.8.2	Metals Digestion	Julie Hong	08/12/04 13:20	Digestate from N74646-4F.8
N74646-4F.8.2	Julie Hong	Metals Digestate Storage	08/12/04 13:24	Return to Storage
N74646-4F.8.2	Metals Digestate Storage	Nancy Duan	08/12/04 15:23	Retrieve from Storage
N74646-4F.8.2	Nancy Duan	Metals Digestate Storage	08/12/04 17:02	Return to Storage
N74646-4F.8.2	Metals Digestate Storage	Nancy Duan	08/16/04 10:51	Retrieve from Storage
N74646-4F.8.2	Nancy Duan	Metals Digestate Storage	08/16/04 17:32	Return to Storage
N74646-5.1	Secured Storage	Ron Lee	08/11/04 13:15	Retrieve from Storage
N74646-5.1	Ron Lee	Anthony Troy Hankerson	08/11/04 15:11	Custody Transfer
N74646-5.1	Anthony Troy Hankerson		08/11/04 15:13	Depleted
N74646-5.1.1	Anthony Troy Hankerson	Organics Prep	08/11/04 15:13	Extract from N74646-5.1
N74646-5.1.1	Organics Prep	Anthony Troy Hankerson	08/11/04 19:21	Extract from N74646-5.1
N74646-5.1.1	Anthony Troy Hankerson	Extract Storage	08/11/04 19:21	Return to Storage
N74646-5.1.1	Extract Storage	Nina Pandya	08/13/04 11:10	Retrieve from Storage
N74646-5.1.1	Nina Pandya	GCMSF	08/13/04 11:10	Load on Instrument
N74646-5.1.1	GCMSF	Nina Pandya	08/18/04 11:43	Unload from Instrument
N74646-5.1.1	Nina Pandya	Extract Freezer	08/18/04 11:43	Return to Storage
N74646-5.3	Secured Storage	Ron Lee	08/11/04 13:15	Retrieve from Storage
N74646-5.3	Ron Lee	Karl M. Rosko	08/11/04 15:19	Custody Transfer
N74646-5.3	Karl M. Rosko		08/11/04 15:24	Depleted
N74646-5.3.1	Karl M. Rosko	Organics Prep	08/11/04 15:19	Extract from N74646-5.3
N74646-5.3.1	Organics Prep	Anthony Troy Hankerson	08/11/04 19:20	Extract from N74646-5.3
N74646-5.3.1	Anthony Troy Hankerson	Extract Storage	08/11/04 19:20	Return to Storage
N74646-5.3.1	Extract Storage	Owen McKenna	08/12/04 15:49	Retrieve from Storage
N74646-5.3.1	Owen McKenna	GCOA	08/12/04 15:49	Load on Instrument
N74646-5.3.1	GCOA	Owen McKenna	08/16/04 16:32	Unload from Instrument
N74646-5.3.1	Owen McKenna	Extract Freezer	08/16/04 16:32	Return to Storage

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Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
N74646-5.3.2	Karl M. Rosko	Organics Prep	08/11/04 15:22	Extract from N74646-5.3
N74646-5.3.2	Organics Prep	Anthony Troy Hankerson	08/11/04 19:21	Extract from N74646-5.3
N74646-5.3.2	Anthony Troy Hankerson	Extract Storage	08/11/04 19:21	Return to Storage
N74646-5.3.2	Extract Storage	Olga Azarihn	08/13/04 17:20	Retrieve from Storage
N74646-5.3.2	Olga Azarihn	GCEF	08/13/04 17:20	Load on Instrument
N74646-5.3.2	GCEF	Olga Azarihn	08/16/04 09:17	Unload from Instrument
N74646-5.3.2	Olga Azarihn	Extract Freezer	08/16/04 09:17	Return to Storage
N74646-5.5	Secured Storage	Ron Lee	08/11/04 13:15	Retrieve from Storage
N74646-5.5	Ron Lee	George Paunovski	08/11/04 15:26	Custody Transfer
N74646-5.5	George Paunovski		08/11/04 21:44	Depleted
N74646-5.5.1	George Paunovski	Organics Prep	08/11/04 15:26	Extract from N74646-5.5
N74646-5.5.1	Organics Prep	George Paunovski	08/11/04 23:10	Extract from N74646-5.5
N74646-5.5.1	George Paunovski	Extract Storage	08/11/04 23:10	Return to Storage
N74646-5.5.1	Extract Storage	Kristi Schollenberger	08/12/04 11:31	Retrieve from Storage
N74646-5.5.1	Kristi Schollenberger	GC1G	08/12/04 11:31	Load on Instrument
N74646-5.5.1	GC1G	Kristi Schollenberger	08/16/04 16:36	Unload from Instrument
N74646-5.5.1	Kristi Schollenberger	Extract Freezer	08/16/04 16:37	Return to Storage
N74646-5.7	Secured Storage	Kevin Coughlin	08/11/04 11:12	Retrieve from Storage
N74646-5.7	Kevin Coughlin	Wenying Guo	08/11/04 11:13	Custody Transfer
N74646-5.7	Wenying Guo	Secured Storage	08/11/04 14:43	Return to Storage
N74646-5.7	Secured Storage	Dave Hunkele	08/12/04 06:41	Retrieve from Storage
N74646-5.7	Dave Hunkele	Jieyu Wang	08/12/04 08:04	Custody Transfer
N74646-5.7	Jieyu Wang	Secured Storage	08/12/04 14:05	Return to Storage
N74646-5.7.1	Wenying Guo	Hg Metals Digestion	08/11/04 14:43	Digestate from N74646-5.7
N74646-5.7.1	Hg Metals Digestion	Wenying Guo	08/12/04 09:51	Digestate from N74646-5.7
N74646-5.7.1	Wenying Guo	Metals Digestate Storage	08/13/04 11:20	Return to Storage
N74646-5.7.2	Jieyu Wang	Metals Digestion	08/12/04 08:50	Digestate from N74646-5.7
N74646-5.7.2	Metals Digestion	Julie Hong	08/12/04 13:20	Digestate from N74646-5.7
N74646-5.7.2	Julie Hong	Metals Digestate Storage	08/12/04 13:24	Return to Storage
N74646-5.7.2	Metals Digestate Storage	Nancy Duan	08/12/04 15:23	Retrieve from Storage
N74646-5.7.2	Nancy Duan	Metals Digestate Storage	08/12/04 17:02	Return to Storage
N74646-5.7.2	Metals Digestate Storage	Nancy Duan	08/16/04 10:51	Retrieve from Storage
N74646-5.7.2	Nancy Duan	Metals Digestate Storage	08/16/04 17:32	Return to Storage
N74646-5.9	Secured Storage	Nick Popow	08/10/04 15:26	Retrieve from Storage
N74646-5.9	Nick Popow		08/11/04 15:58	Subcontract
N74646-5.10	Secured Storage	Dave Hunkele	08/11/04 13:19	Retrieve from Storage

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Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
N74646-5.10	Dave Hunkele	Christine Buccheri	08/11/04 13:26	Custody Transfer
N74646-5.10	Christine Buccheri	Secured Storage	08/11/04 15:51	Return to Storage
N74646-5.10	Secured Storage	Millicent Walker	08/15/04 09:16	Retrieve from Storage
N74646-5.10	Millicent Walker	Secured Storage	08/15/04 13:32	Return to Storage
N74646-5.10.1	Christine Buccheri	GenChem Distillation	08/11/04 15:42	Distillate from N74646-5.10
N74646-5.10.1	GenChem Distillation	Christine Buccheri	08/11/04 15:46	Distillate from N74646-5.10
N74646-5.10.1	Christine Buccheri	GenChem Prep Storage	08/11/04 15:48	Return to Storage
N74646-5.10.2	Millicent Walker	GenChem Distillation	08/15/04 13:19	Distillate from N74646-5.10
N74646-5.10.2	GenChem Distillation	Millicent Walker	08/15/04 13:21	Distillate from N74646-5.10
N74646-5.10.2	Millicent Walker	GenChem Prep Storage	08/15/04 13:22	Return to Storage
N74646-5.11	Secured Storage	Ying Li	08/12/04 17:04	Retrieve from Storage
N74646-5.11	Ying Li	GCMSD	08/12/04 17:04	Load on Instrument
N74646-5.11	GCMSD	Ying Li	08/13/04 14:56	Unload from Instrument
N74646-5.11	Ying Li	Secured Storage	08/13/04 14:56	Return to Storage
N74646-5F.8	Secured Storage	Kevin Coughlin	08/11/04 11:12	Retrieve from Storage
N74646-5F.8	Kevin Coughlin	Wenying Guo	08/11/04 11:13	Custody Transfer
N74646-5F.8	Wenying Guo	Secured Storage	08/11/04 14:43	Return to Storage
N74646-5F.8	Secured Storage	Dave Hunkele	08/12/04 06:41	Retrieve from Storage
N74646-5F.8	Dave Hunkele	Jieyu Wang	08/12/04 08:04	Custody Transfer
N74646-5F.8	Jieyu Wang	Secured Storage	08/12/04 14:05	Return to Storage
N74646-5F.8.1	Wenying Guo	Hg Metals Digestion	08/11/04 14:43	Digestate from N74646-5F.8
N74646-5F.8.1	Hg Metals Digestion	Wenying Guo	08/12/04 09:51	Digestate from N74646-5F.8
N74646-5F.8.1	Wenying Guo	Metals Digestate Storage	08/13/04 11:20	Return to Storage
N74646-5F.8.2	Jieyu Wang	Metals Digestion	08/12/04 08:50	Digestate from N74646-5F.8
N74646-5F.8.2	Metals Digestion	Julie Hong	08/12/04 13:20	Digestate from N74646-5F.8
N74646-5F.8.2	Julie Hong	Metals Digestate Storage	08/12/04 13:24	Return to Storage
N74646-5F.8.2	Metals Digestate Storage	Nancy Duan	08/12/04 15:23	Retrieve from Storage
N74646-5F.8.2	Nancy Duan	Metals Digestate Storage	08/12/04 17:02	Return to Storage
N74646-5F.8.2	Metals Digestate Storage	Nancy Duan	08/16/04 10:51	Retrieve from Storage
N74646-5F.8.2	Nancy Duan	Metals Digestate Storage	08/16/04 17:32	Return to Storage
N74646-6.2	Secured Storage	Ron Lee	08/11/04 13:15	Retrieve from Storage
N74646-6.2	Ron Lee	Anthony Troy Hankerson	08/11/04 15:11	Custody Transfer
N74646-6.2	Anthony Troy Hankerson		08/11/04 15:13	Depleted
N74646-6.2.1	Anthony Troy Hankerson	Organics Prep	08/11/04 15:13	Extract from N74646-6.2
N74646-6.2.1	Organics Prep	Anthony Troy Hankerson	08/11/04 19:21	Extract from N74646-6.2
N74646-6.2.1	Anthony Troy Hankerson	Extract Storage	08/11/04 19:21	Return to Storage

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Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
N74646-6.2.1	Extract Storage	Nina Pandya	08/13/04 11:10	Retrieve from Storage
N74646-6.2.1	Nina Pandya	GCMSF	08/13/04 11:10	Load on Instrument
N74646-6.2.1	GCMSF	Nina Pandya	08/18/04 11:43	Unload from Instrument
N74646-6.2.1	Nina Pandya	Extract Freezer	08/18/04 11:43	Return to Storage
N74646-6.3	Secured Storage	Ron Lee	08/11/04 13:15	Retrieve from Storage
N74646-6.3	Ron Lee	Karl M. Rosko	08/11/04 15:19	Custody Transfer
N74646-6.3	Karl M. Rosko		08/11/04 15:24	Depleted
N74646-6.3.1	Karl M. Rosko	Organics Prep	08/11/04 15:19	Extract from N74646-6.3
N74646-6.3.1	Organics Prep	Anthony Troy Hankerson	08/11/04 19:20	Extract from N74646-6.3
N74646-6.3.1	Anthony Troy Hankerson	Extract Storage	08/11/04 19:20	Return to Storage
N74646-6.3.1	Extract Storage	Owen McKenna	08/12/04 15:49	Retrieve from Storage
N74646-6.3.1	Owen McKenna	GCOA	08/12/04 15:49	Load on Instrument
N74646-6.3.1	GCOA	Owen McKenna	08/16/04 16:32	Unload from Instrument
N74646-6.3.1	Owen McKenna	Extract Freezer	08/16/04 16:32	Return to Storage
N74646-6.3.2	Karl M. Rosko	Organics Prep	08/11/04 15:22	Extract from N74646-6.3
N74646-6.3.2	Organics Prep	Anthony Troy Hankerson	08/11/04 19:21	Extract from N74646-6.3
N74646-6.3.2	Anthony Troy Hankerson	Extract Storage	08/11/04 19:21	Return to Storage
N74646-6.3.2	Extract Storage	Olga Azarihn	08/13/04 17:20	Retrieve from Storage
N74646-6.3.2	Olga Azarihn	GCEF	08/13/04 17:20	Load on Instrument
N74646-6.3.2	GCEF	Olga Azarihn	08/16/04 09:17	Unload from Instrument
N74646-6.3.2	Olga Azarihn	Extract Freezer	08/16/04 09:17	Return to Storage
N74646-6.6	Secured Storage	Ron Lee	08/11/04 13:15	Retrieve from Storage
N74646-6.6	Ron Lee	George Paunovski	08/11/04 15:26	Custody Transfer
N74646-6.6	George Paunovski		08/11/04 21:44	Depleted
N74646-6.6.1	George Paunovski	Organics Prep	08/11/04 15:26	Extract from N74646-6.6
N74646-6.6.1	Organics Prep	George Paunovski	08/11/04 23:10	Extract from N74646-6.6
N74646-6.6.1	George Paunovski	Extract Storage	08/11/04 23:10	Return to Storage
N74646-6.6.1	Extract Storage	Kristi Schollenberger	08/12/04 11:31	Retrieve from Storage
N74646-6.6.1	Kristi Schollenberger	GC1G	08/12/04 11:31	Load on Instrument
N74646-6.6.1	GC1G	Kristi Schollenberger	08/16/04 16:36	Unload from Instrument
N74646-6.6.1	Kristi Schollenberger	Extract Freezer	08/16/04 16:37	Return to Storage
N74646-6.7	Secured Storage	Kevin Coughlin	08/11/04 11:12	Retrieve from Storage
N74646-6.7	Kevin Coughlin	Wenying Guo	08/11/04 11:13	Custody Transfer
N74646-6.7	Wenying Guo	Secured Storage	08/11/04 14:43	Return to Storage
N74646-6.7	Secured Storage	Dave Hunkele	08/12/04 06:41	Retrieve from Storage
N74646-6.7	Dave Hunkele	Jieyu Wang	08/12/04 08:04	Custody Transfer
N74646-6.7	Jieyu Wang	Secured Storage	08/12/04 14:05	Return to Storage

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Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
N74646-6.7.1	Wenying Guo	Hg Metals Digestion	08/11/04 14:43	Digestate from N74646-6.7
N74646-6.7.1	Hg Metals Digestion	Wenying Guo	08/12/04 09:51	Digestate from N74646-6.7
N74646-6.7.1	Wenying Guo	Metals Digestate Storage	08/13/04 11:20	Return to Storage
N74646-6.7.2	Jieyu Wang	Metals Digestion	08/12/04 08:50	Digestate from N74646-6.7
N74646-6.7.2	Metals Digestion	Julie Hong	08/12/04 13:20	Digestate from N74646-6.7
N74646-6.7.2	Julie Hong	Metals Digestate Storage	08/12/04 13:24	Return to Storage
N74646-6.7.2	Metals Digestate Storage	Nancy Duan	08/12/04 15:23	Retrieve from Storage
N74646-6.7.2	Nancy Duan	Metals Digestate Storage	08/12/04 17:02	Return to Storage
N74646-6.7.2	Metals Digestate Storage	Nancy Duan	08/16/04 10:51	Retrieve from Storage
N74646-6.7.2	Nancy Duan	Metals Digestate Storage	08/16/04 17:32	Return to Storage
N74646-6.9	Secured Storage	Nick Popow	08/10/04 15:26	Retrieve from Storage
N74646-6.9	Nick Popow		08/11/04 15:58	Subcontract
N74646-6.10	Secured Storage	Dave Hunkele	08/11/04 13:19	Retrieve from Storage
N74646-6.10	Dave Hunkele	Christine Buccheri	08/11/04 13:26	Custody Transfer
N74646-6.10	Christine Buccheri	Secured Storage	08/11/04 15:51	Return to Storage
N74646-6.10	Secured Storage	Millicent Walker	08/15/04 09:16	Retrieve from Storage
N74646-6.10	Millicent Walker	Secured Storage	08/15/04 13:32	Return to Storage
N74646-6.10.1	Christine Buccheri	GenChem Distillation	08/11/04 15:42	Distillate from N74646-6.10
N74646-6.10.1	GenChem Distillation	Christine Buccheri	08/11/04 15:46	Distillate from N74646-6.10
N74646-6.10.1	Christine Buccheri	GenChem Prep Storage	08/11/04 15:48	Return to Storage
N74646-6.10.2	Millicent Walker	GenChem Distillation	08/15/04 13:19	Distillate from N74646-6.10
N74646-6.10.2	GenChem Distillation	Millicent Walker	08/15/04 13:21	Distillate from N74646-6.10
N74646-6.10.2	Millicent Walker	GenChem Prep Storage	08/15/04 13:22	Return to Storage
N74646-6.11	Secured Storage	Ying Li	08/12/04 17:04	Retrieve from Storage
N74646-6.11	Ying Li	GCMSD	08/12/04 17:04	Load on Instrument
N74646-6.11	GCMSD	Ying Li	08/13/04 14:56	Unload from Instrument
N74646-6.11	Ying Li	Secured Storage	08/13/04 14:56	Return to Storage
N74646-6F.8	Secured Storage	Kevin Coughlin	08/11/04 11:12	Retrieve from Storage
N74646-6F.8	Kevin Coughlin	Wenying Guo	08/11/04 11:13	Custody Transfer
N74646-6F.8	Wenying Guo	Secured Storage	08/11/04 14:43	Return to Storage
N74646-6F.8	Secured Storage	Dave Hunkele	08/12/04 06:41	Retrieve from Storage
N74646-6F.8	Dave Hunkele	Jieyu Wang	08/12/04 08:04	Custody Transfer
N74646-6F.8	Jieyu Wang	Secured Storage	08/12/04 14:05	Return to Storage
N74646-6F.8.1	Wenying Guo	Hg Metals Digestion	08/11/04 14:43	Digestate from N74646-6F.8
N74646-6F.8.1	Hg Metals Digestion	Wenying Guo	08/12/04 09:51	Digestate from N74646-6F.8
N74646-6F.8.1	Wenying Guo	Metals Digestate Storage	08/13/04 11:20	Return to Storage

Accutest Internal Chain of Custody

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC
Received: 08/10/04

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
N74646-6F.8.2	Jieyu Wang	Metals Digestion	08/12/04 08:50	Digestate from N74646-6F.8
N74646-6F.8.2	Metals Digestion	Julie Hong	08/12/04 13:20	Digestate from N74646-6F.8
N74646-6F.8.2	Julie Hong	Metals Digestate Storage	08/12/04 13:24	Return to Storage
N74646-6F.8.2	Metals Digestate Storage	Nancy Duan	08/12/04 15:23	Retrieve from Storage
N74646-6F.8.2	Nancy Duan	Metals Digestate Storage	08/12/04 17:02	Return to Storage
N74646-6F.8.2	Metals Digestate Storage	Nancy Duan	08/16/04 10:51	Retrieve from Storage
N74646-6F.8.2	Nancy Duan	Metals Digestate Storage	08/16/04 17:32	Return to Storage
N74646-7.11	Secured Storage	Ying Li	08/12/04 17:04	Retrieve from Storage
N74646-7.11	Ying Li	GCMSD	08/12/04 17:04	Load on Instrument
N74646-7.11	GCMSD	Ying Li	08/13/04 14:56	Unload from Instrument
N74646-7.11	Ying Li	Secured Storage	08/13/04 14:56	Return to Storage
N74646-8.2	Secured Storage	Ron Lee	08/11/04 13:35	Retrieve from Storage
N74646-8.2	Ron Lee	Anthony Troy Hankerson	08/11/04 15:11	Custody Transfer
N74646-8.2	Anthony Troy Hankerson		08/11/04 15:13	Depleted
N74646-8.2.1	Anthony Troy Hankerson	Organics Prep	08/11/04 15:13	Extract from N74646-8.2
N74646-8.2.1	Organics Prep	Anthony Troy Hankerson	08/11/04 19:21	Extract from N74646-8.2
N74646-8.2.1	Anthony Troy Hankerson	Extract Storage	08/11/04 19:21	Return to Storage
N74646-8.2.1	Extract Storage	Nina Pandya	08/13/04 11:10	Retrieve from Storage
N74646-8.2.1	Nina Pandya	GCMSF	08/13/04 11:10	Load on Instrument
N74646-8.2.1	GCMSF	Nina Pandya	08/18/04 11:43	Unload from Instrument
N74646-8.2.1	Nina Pandya	Extract Freezer	08/18/04 11:43	Return to Storage
N74646-8.3	Secured Storage	Ron Lee	08/11/04 13:35	Retrieve from Storage
N74646-8.3	Ron Lee	George Paunovski	08/11/04 15:26	Custody Transfer
N74646-8.3	George Paunovski		08/11/04 21:44	Depleted
N74646-8.3.1	George Paunovski	Organics Prep	08/11/04 15:26	Extract from N74646-8.3
N74646-8.3.1	Organics Prep	George Paunovski	08/11/04 23:10	Extract from N74646-8.3
N74646-8.3.1	George Paunovski	Extract Storage	08/11/04 23:10	Return to Storage
N74646-8.3.1	Extract Storage	Kristi Schollenberger	08/12/04 11:31	Retrieve from Storage
N74646-8.3.1	Kristi Schollenberger	GC1G	08/12/04 11:31	Load on Instrument
N74646-8.3.1	GC1G	Kristi Schollenberger	08/16/04 16:36	Unload from Instrument
N74646-8.3.1	Kristi Schollenberger	Extract Freezer	08/16/04 16:37	Return to Storage
N74646-8.4	Secured Storage	Ron Lee	08/11/04 13:35	Retrieve from Storage
N74646-8.4	Ron Lee	Karl M. Rosko	08/11/04 15:19	Custody Transfer
N74646-8.4	Karl M. Rosko		08/11/04 15:24	Depleted
N74646-8.4.1	Karl M. Rosko	Organics Prep	08/11/04 15:19	Extract from N74646-8.4
N74646-8.4.1	Organics Prep	Anthony Troy Hankerson	08/11/04 19:20	Extract from N74646-8.4

Accutest Internal Chain of Custody

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC
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Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
N74646-8.4.1	Anthony Troy Hankerson	Extract Storage	08/11/04 19:20	Return to Storage
N74646-8.4.1	Extract Storage	Owen McKenna	08/12/04 15:49	Retrieve from Storage
N74646-8.4.1	Owen McKenna	GCOA	08/12/04 15:49	Load on Instrument
N74646-8.4.1	GCOA	Owen McKenna	08/16/04 16:32	Unload from Instrument
N74646-8.4.1	Owen McKenna	Extract Freezer	08/16/04 16:32	Return to Storage
N74646-8.4.2	Karl M. Rosko	Organics Prep	08/11/04 15:22	Extract from N74646-8.4
N74646-8.4.2	Organics Prep	Anthony Troy Hankerson	08/11/04 19:21	Extract from N74646-8.4
N74646-8.4.2	Anthony Troy Hankerson	Extract Storage	08/11/04 19:21	Return to Storage
N74646-8.4.2	Extract Storage	Olga Azarihn	08/13/04 17:20	Retrieve from Storage
N74646-8.4.2	Olga Azarihn	GCEF	08/13/04 17:20	Load on Instrument
N74646-8.4.2	GCEF	Olga Azarihn	08/16/04 09:17	Unload from Instrument
N74646-8.4.2	Olga Azarihn	Extract Freezer	08/16/04 09:17	Return to Storage
N74646-8.7	Secured Storage	Dave Hunkele	08/12/04 06:41	Retrieve from Storage
N74646-8.7	Dave Hunkele	Jieyu Wang	08/12/04 08:04	Custody Transfer
N74646-8.7	Secured Storage	Kevin Coughlin	08/12/04 12:15	Retrieve from Storage
Bottle was returned to secure storage, but inadvertently not scanned.				
N74646-8.7	Kevin Coughlin	Wenying Guo	08/12/04 12:15	Custody Transfer
N74646-8.7	Wenying Guo	Secured Storage	08/12/04 14:52	Return to Storage
N74646-8.7.1	Jieyu Wang	Metals Digestion	08/12/04 08:50	Digestate from N74646-8.7
N74646-8.7.1	Metals Digestion	Julie Hong	08/12/04 13:20	Digestate from N74646-8.7
N74646-8.7.1	Julie Hong	Metals Digestate Storage	08/12/04 13:24	Return to Storage
N74646-8.7.1	Metals Digestate Storage	Nancy Duan	08/12/04 15:23	Retrieve from Storage
N74646-8.7.1	Nancy Duan	Metals Digestate Storage	08/12/04 17:02	Return to Storage
N74646-8.7.1	Metals Digestate Storage	Nancy Duan	08/16/04 10:51	Retrieve from Storage
N74646-8.7.1	Nancy Duan	Metals Digestate Storage	08/16/04 17:32	Return to Storage
N74646-8.7.2	Wenying Guo	Hg Metals Digestion	08/12/04 14:48	Digestate from N74646-8.7
N74646-8.7.2	Hg Metals Digestion	Wenying Guo	08/13/04 09:22	Digestate from N74646-8.7
N74646-8.7.2	Wenying Guo	Metals Digestate Storage	08/13/04 11:20	Return to Storage
N74646-8.9	Secured Storage	Millicent Walker	08/15/04 09:16	Retrieve from Storage
N74646-8.9	Millicent Walker	Secured Storage	08/15/04 13:32	Return to Storage
N74646-8.9.1	Millicent Walker	GenChem Distillation	08/15/04 13:19	Distillate from N74646-8.9
N74646-8.9.1	GenChem Distillation	Millicent Walker	08/15/04 13:21	Distillate from N74646-8.9
N74646-8.9.1	Millicent Walker	GenChem Prep Storage	08/15/04 13:22	Return to Storage
N74646-8.10	Secured Storage	Nick Popow	08/11/04 15:57	Retrieve from Storage
N74646-8.10	Nick Popow		08/11/04 15:58	Subcontract
N74646-8.11	Secured Storage	Ying Li	08/12/04 17:04	Retrieve from Storage

Accutest Internal Chain of Custody

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC
Received: 08/10/04

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
N74646-8.11	Ying Li	GCMSD	08/12/04 17:04	Load on Instrument
N74646-8.11	GCMSD	Ying Li	08/13/04 14:56	Unload from Instrument
N74646-8.11	Ying Li	Secured Storage	08/13/04 14:56	Return to Storage
N74646-8F.8	Secured Storage	Dave Hunkele	08/12/04 06:41	Retrieve from Storage
N74646-8F.8	Dave Hunkele	Jieyu Wang	08/12/04 08:04	Custody Transfer
N74646-8F.8	Secured Storage	Kevin Coughlin	08/12/04 12:15	Retrieve from Storage
Bottle was returned to secure storage, but inadvertently not scanned.				
N74646-8F.8	Kevin Coughlin	Wenying Guo	08/12/04 12:15	Custody Transfer
N74646-8F.8	Wenying Guo	Secured Storage	08/12/04 14:52	Return to Storage
N74646-8F.8.1	Jieyu Wang	Metals Digestion	08/12/04 08:50	Digestate from N74646-8F.8
N74646-8F.8.1	Metals Digestion	Julie Hong	08/12/04 13:20	Digestate from N74646-8F.8
N74646-8F.8.1	Julie Hong	Metals Digestate Storage	08/12/04 13:24	Return to Storage
N74646-8F.8.1	Metals Digestate Storage	Nancy Duan	08/12/04 15:23	Retrieve from Storage
N74646-8F.8.1	Nancy Duan	Metals Digestate Storage	08/12/04 17:02	Return to Storage
N74646-8F.8.1	Metals Digestate Storage	Nancy Duan	08/16/04 10:51	Retrieve from Storage
N74646-8F.8.1	Nancy Duan	Metals Digestate Storage	08/16/04 17:32	Return to Storage
N74646-8F.8.2	Wenying Guo	Hg Metals Digestion	08/12/04 14:48	Digestate from N74646-8F.8
N74646-8F.8.2	Hg Metals Digestion	Wenying Guo	08/13/04 09:22	Digestate from N74646-8F.8
N74646-8F.8.2	Wenying Guo	Metals Digestate Storage	08/13/04 11:20	Return to Storage
N74646-9.1	Secured Storage	Ron Lee	08/11/04 13:35	Retrieve from Storage
N74646-9.1	Ron Lee	George Paunovski	08/11/04 15:26	Custody Transfer
N74646-9.1	George Paunovski		08/11/04 21:44	Depleted
N74646-9.1.1	George Paunovski	Organics Prep	08/11/04 15:26	Extract from N74646-9.1
N74646-9.1.1	Organics Prep	George Paunovski	08/11/04 23:10	Extract from N74646-9.1
N74646-9.1.1	George Paunovski	Extract Storage	08/11/04 23:10	Return to Storage
N74646-9.1.1	Extract Storage	Kristi Schollenberger	08/12/04 11:31	Retrieve from Storage
N74646-9.1.1	Kristi Schollenberger	GC1G	08/12/04 11:31	Load on Instrument
N74646-9.1.1	GC1G	Kristi Schollenberger	08/16/04 16:36	Unload from Instrument
N74646-9.1.1	Kristi Schollenberger	Extract Freezer	08/16/04 16:37	Return to Storage
N74646-9.3	Secured Storage	Ron Lee	08/11/04 13:35	Retrieve from Storage
N74646-9.3	Ron Lee	Karl M. Rosko	08/11/04 15:19	Custody Transfer
N74646-9.3	Karl M. Rosko		08/11/04 15:24	Depleted
N74646-9.3.1	Karl M. Rosko	Organics Prep	08/11/04 15:19	Extract from N74646-9.3
N74646-9.3.1	Organics Prep	Anthony Troy Hankerson	08/11/04 19:20	Extract from N74646-9.3
N74646-9.3.1	Anthony Troy Hankerson	Extract Storage	08/11/04 19:20	Return to Storage
N74646-9.3.1	Extract Storage	Owen McKenna	08/12/04 15:49	Retrieve from Storage
N74646-9.3.1	Owen McKenna	GCOA	08/12/04 15:49	Load on Instrument

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Job Number: N74646
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Project: Former Camp Butner, NC
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Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
N74646-9.3.1	GCOA	Owen McKenna	08/16/04 16:32	Unload from Instrument
N74646-9.3.1	Owen McKenna	Extract Freezer	08/16/04 16:32	Return to Storage
N74646-9.3.2	Karl M. Rosko	Organics Prep	08/11/04 15:22	Extract from N74646-9.3
N74646-9.3.2	Organics Prep	Anthony Troy Hankerson	08/11/04 19:21	Extract from N74646-9.3
N74646-9.3.2	Anthony Troy Hankerson	Extract Storage	08/11/04 19:21	Return to Storage
N74646-9.3.2	Extract Storage	Olga Azarihn	08/13/04 17:20	Retrieve from Storage
N74646-9.3.2	Olga Azarihn	GCEF	08/13/04 17:20	Load on Instrument
N74646-9.3.2	GCEF	Olga Azarihn	08/16/04 09:17	Unload from Instrument
N74646-9.3.2	Olga Azarihn	Extract Freezer	08/16/04 09:17	Return to Storage
N74646-9.6	Secured Storage	Ron Lee	08/11/04 13:35	Retrieve from Storage
N74646-9.6	Ron Lee	Anthony Troy Hankerson	08/11/04 15:11	Custody Transfer
N74646-9.6	Anthony Troy Hankerson		08/11/04 15:13	Depleted
N74646-9.6.1	Anthony Troy Hankerson	Organics Prep	08/11/04 15:13	Extract from N74646-9.6
N74646-9.6.1	Organics Prep	Anthony Troy Hankerson	08/11/04 19:21	Extract from N74646-9.6
N74646-9.6.1	Anthony Troy Hankerson	Extract Storage	08/11/04 19:21	Return to Storage
N74646-9.6.1	Extract Storage	Nina Pandya	08/13/04 11:10	Retrieve from Storage
N74646-9.6.1	Nina Pandya	GCMSF	08/13/04 11:10	Load on Instrument
N74646-9.6.1	GCMSF	Nina Pandya	08/18/04 11:43	Unload from Instrument
N74646-9.6.1	Nina Pandya	Extract Freezer	08/18/04 11:43	Return to Storage
N74646-9.7	Secured Storage	Dave Hunkele	08/12/04 06:41	Retrieve from Storage
N74646-9.7	Dave Hunkele	Jieyu Wang	08/12/04 08:04	Custody Transfer
N74646-9.7	Secured Storage	Kevin Coughlin	08/12/04 12:15	Retrieve from Storage
Bottle was returned to secure storage, but inadvertently not scanned.				
N74646-9.7	Kevin Coughlin	Wenying Guo	08/12/04 12:15	Custody Transfer
N74646-9.7	Wenying Guo	Secured Storage	08/12/04 14:52	Return to Storage
N74646-9.7.1	Jieyu Wang	Metals Digestion	08/12/04 08:50	Digestate from N74646-9.7
N74646-9.7.1	Metals Digestion	Julie Hong	08/12/04 13:20	Digestate from N74646-9.7
N74646-9.7.1	Julie Hong	Metals Digestate Storage	08/12/04 13:24	Return to Storage
N74646-9.7.1	Metals Digestate Storage	Nancy Duan	08/12/04 15:23	Retrieve from Storage
N74646-9.7.1	Nancy Duan	Metals Digestate Storage	08/12/04 17:02	Return to Storage
N74646-9.7.1	Metals Digestate Storage	Nancy Duan	08/16/04 10:51	Retrieve from Storage
N74646-9.7.1	Nancy Duan	Metals Digestate Storage	08/16/04 17:32	Return to Storage
N74646-9.7.2	Wenying Guo	Hg Metals Digestion	08/12/04 14:48	Digestate from N74646-9.7
N74646-9.7.2	Hg Metals Digestion	Wenying Guo	08/13/04 09:22	Digestate from N74646-9.7
N74646-9.7.2	Wenying Guo	Metals Digestate Storage	08/13/04 11:20	Return to Storage
N74646-9.9	Secured Storage	Millicent Walker	08/15/04 09:16	Retrieve from Storage
N74646-9.9	Millicent Walker	Secured Storage	08/15/04 13:32	Return to Storage

Accutest Internal Chain of Custody

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC
Received: 08/10/04

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
N74646-9.9.1	Millicent Walker	GenChem Distillation	08/15/04 13:19	Distillate from N74646-9.9
N74646-9.9.1	GenChem Distillation	Millicent Walker	08/15/04 13:21	Distillate from N74646-9.9
N74646-9.9.1	Millicent Walker	GenChem Prep Storage	08/15/04 13:22	Return to Storage
N74646-9.10	Secured Storage	Nick Popow	08/11/04 15:57	Retrieve from Storage
N74646-9.10	Nick Popow		08/11/04 15:58	Subcontract
N74646-9.11	Secured Storage	Ying Li	08/12/04 17:04	Retrieve from Storage
N74646-9.11	Ying Li	GCMSD	08/12/04 17:04	Load on Instrument
N74646-9.11	GCMSD	Ying Li	08/13/04 14:56	Unload from Instrument
N74646-9.11	Ying Li	Secured Storage	08/13/04 14:56	Return to Storage
N74646-9F.8	Secured Storage	Dave Hunkele	08/12/04 06:41	Retrieve from Storage
N74646-9F.8	Dave Hunkele	Jieyu Wang	08/12/04 08:04	Custody Transfer
N74646-9F.8	Secured Storage	Kevin Coughlin	08/12/04 12:15	Retrieve from Storage
Bottle was returned to secure storage, but inadvertently not scanned.				
N74646-9F.8	Kevin Coughlin	Wenying Guo	08/12/04 12:15	Custody Transfer
N74646-9F.8	Wenying Guo	Secured Storage	08/12/04 14:52	Return to Storage
N74646-9F.8.1	Jieyu Wang	Metals Digestion	08/12/04 08:50	Digestate from N74646-9F.8
N74646-9F.8.1	Metals Digestion	Julie Hong	08/12/04 13:20	Digestate from N74646-9F.8
N74646-9F.8.1	Julie Hong	Metals Digestate Storage	08/12/04 13:24	Return to Storage
N74646-9F.8.1	Metals Digestate Storage	Nancy Duan	08/12/04 15:23	Retrieve from Storage
N74646-9F.8.1	Nancy Duan	Metals Digestate Storage	08/12/04 17:02	Return to Storage
N74646-9F.8.1	Metals Digestate Storage	Nancy Duan	08/16/04 10:51	Retrieve from Storage
N74646-9F.8.1	Nancy Duan	Metals Digestate Storage	08/16/04 17:32	Return to Storage
N74646-9F.8.2	Wenying Guo	Hg Metals Digestion	08/12/04 14:48	Digestate from N74646-9F.8
N74646-9F.8.2	Hg Metals Digestion	Wenying Guo	08/13/04 09:22	Digestate from N74646-9F.8
N74646-9F.8.2	Wenying Guo	Metals Digestate Storage	08/13/04 11:20	Return to Storage
N74646-10.2	Secured Storage	Ron Lee	08/11/04 13:35	Retrieve from Storage
N74646-10.2	Ron Lee	Karl M. Rosko	08/11/04 15:19	Custody Transfer
N74646-10.2	Karl M. Rosko		08/11/04 15:24	Depleted
N74646-10.2.1	Karl M. Rosko	Organics Prep	08/11/04 15:19	Extract from N74646-10.2
N74646-10.2.1	Organics Prep	Anthony Troy Hankerson	08/11/04 19:20	Extract from N74646-10.2
N74646-10.2.1	Anthony Troy Hankerson	Extract Storage	08/11/04 19:20	Return to Storage
N74646-10.2.1	Extract Storage	Owen McKenna	08/12/04 15:49	Retrieve from Storage
N74646-10.2.1	Owen McKenna	GCOA	08/12/04 15:49	Load on Instrument
N74646-10.2.1	GCOA	Owen McKenna	08/16/04 16:32	Unload from Instrument
N74646-10.2.1	Owen McKenna	Extract Freezer	08/16/04 16:32	Return to Storage

Accutest Internal Chain of Custody

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC
Received: 08/10/04

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
N74646-10.2.2	Karl M. Rosko	Organics Prep	08/11/04 15:22	Extract from N74646-10.2
N74646-10.2.2	Organics Prep	Anthony Troy Hankerson	08/11/04 19:21	Extract from N74646-10.2
N74646-10.2.2	Anthony Troy Hankerson	Extract Storage	08/11/04 19:21	Return to Storage
N74646-10.2.2	Extract Storage	Olga Azarihn	08/13/04 17:20	Retrieve from Storage
N74646-10.2.2	Olga Azarihn	GCEF	08/13/04 17:20	Load on Instrument
N74646-10.2.2	GCEF	Olga Azarihn	08/16/04 09:17	Unload from Instrument
N74646-10.2.2	Olga Azarihn	Extract Freezer	08/16/04 09:17	Return to Storage
N74646-10.5	Secured Storage	Ron Lee	08/11/04 13:35	Retrieve from Storage
N74646-10.5	Ron Lee	George Paunovski	08/11/04 15:26	Custody Transfer
N74646-10.5	George Paunovski		08/11/04 21:44	Depleted
N74646-10.5.1	George Paunovski	Organics Prep	08/11/04 15:26	Extract from N74646-10.5
N74646-10.5.1	Organics Prep	George Paunovski	08/11/04 23:10	Extract from N74646-10.5
N74646-10.5.1	George Paunovski	Extract Storage	08/11/04 23:10	Return to Storage
N74646-10.5.1	Extract Storage	Kristi Schollenberger	08/12/04 11:31	Retrieve from Storage
N74646-10.5.1	Kristi Schollenberger	GC1G	08/12/04 11:31	Load on Instrument
N74646-10.5.1	GC1G	Kristi Schollenberger	08/16/04 16:36	Unload from Instrument
N74646-10.5.1	Kristi Schollenberger	Extract Freezer	08/16/04 16:37	Return to Storage
N74646-10.6	Secured Storage	Ron Lee	08/11/04 13:35	Retrieve from Storage
N74646-10.6	Ron Lee	Anthony Troy Hankerson	08/11/04 15:11	Custody Transfer
N74646-10.6	Anthony Troy Hankerson		08/11/04 15:13	Depleted
N74646-10.6.1	Anthony Troy Hankerson	Organics Prep	08/11/04 15:13	Extract from N74646-10.6
N74646-10.6.1	Organics Prep	Anthony Troy Hankerson	08/11/04 19:21	Extract from N74646-10.6
N74646-10.6.1	Anthony Troy Hankerson	Extract Storage	08/11/04 19:21	Return to Storage
N74646-10.6.1	Extract Storage	Nina Pandya	08/13/04 11:10	Retrieve from Storage
N74646-10.6.1	Nina Pandya	GCMSF	08/13/04 11:10	Load on Instrument
N74646-10.6.1	GCMSF	Nina Pandya	08/18/04 11:43	Unload from Instrument
N74646-10.6.1	Nina Pandya	Extract Freezer	08/18/04 11:43	Return to Storage
N74646-10.7	Secured Storage	Dave Hunkele	08/12/04 06:41	Retrieve from Storage
N74646-10.7	Dave Hunkele	Jieyu Wang	08/12/04 08:04	Custody Transfer
N74646-10.7	Secured Storage	Kevin Coughlin	08/12/04 12:15	Retrieve from Storage
Bottle was returned to secure storage, but inadvertently not scanned.				
N74646-10.7	Kevin Coughlin	Wenying Guo	08/12/04 12:15	Custody Transfer
N74646-10.7	Wenying Guo	Secured Storage	08/12/04 14:52	Return to Storage
N74646-10.7.1	Jieyu Wang	Metals Digestion	08/12/04 08:50	Digestate from N74646-10.7
N74646-10.7.1	Metals Digestion	Julie Hong	08/12/04 13:20	Digestate from N74646-10.7
N74646-10.7.1	Julie Hong	Metals Digestate Storage	08/12/04 13:24	Return to Storage
N74646-10.7.1	Metals Digestate Storage	Nancy Duan	08/12/04 15:23	Retrieve from Storage
N74646-10.7.1	Nancy Duan	Metals Digestate Storage	08/12/04 17:02	Return to Storage

Accutest Internal Chain of Custody

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC
Received: 08/10/04

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
N74646-10.7.1	Metals Digestate Storage	Nancy Duan	08/16/04 10:51	Retrieve from Storage
N74646-10.7.1	Nancy Duan	Metals Digestate Storage	08/16/04 17:32	Return to Storage
N74646-10.7.2	Wenying Guo	Hg Metals Digestion	08/12/04 14:48	Digestate from N74646-10.7
N74646-10.7.2	Hg Metals Digestion	Wenying Guo	08/13/04 09:22	Digestate from N74646-10.7
N74646-10.7.2	Wenying Guo	Metals Digestate Storage	08/13/04 11:20	Return to Storage
N74646-10.9	Secured Storage	Millicent Walker	08/15/04 09:16	Retrieve from Storage
N74646-10.9	Millicent Walker	Secured Storage	08/15/04 13:32	Return to Storage
N74646-10.9.1	Millicent Walker	GenChem Distillation	08/15/04 13:19	Distillate from N74646-10.9
N74646-10.9.1	GenChem Distillation	Millicent Walker	08/15/04 13:21	Distillate from N74646-10.9
N74646-10.9.1	Millicent Walker	GenChem Prep Storage	08/15/04 13:22	Return to Storage
N74646-10.10	Secured Storage	Nick Popow	08/11/04 15:57	Retrieve from Storage
N74646-10.10	Nick Popow		08/11/04 15:58	Subcontract
N74646-10.11	Secured Storage	Ying Li	08/12/04 17:04	Retrieve from Storage
N74646-10.11	Ying Li	GCMSD	08/12/04 17:04	Load on Instrument
N74646-10.11	GCMSD	Ying Li	08/13/04 14:56	Unload from Instrument
N74646-10.11	Ying Li	Secured Storage	08/13/04 14:56	Return to Storage
N74646-10F.8	Secured Storage	Dave Hunkele	08/12/04 06:41	Retrieve from Storage
N74646-10F.8	Dave Hunkele	Jieyu Wang	08/12/04 08:04	Custody Transfer
N74646-10F.8	Secured Storage	Kevin Coughlin	08/12/04 12:15	Retrieve from Storage
Bottle was returned to secure storage, but inadvertently not scanned.				
N74646-10F.8	Kevin Coughlin	Wenying Guo	08/12/04 12:15	Custody Transfer
N74646-10F.8	Wenying Guo	Secured Storage	08/12/04 14:52	Return to Storage
N74646-10F.8.1	Jieyu Wang	Metals Digestion	08/12/04 08:50	Digestate from N74646-10F.8
N74646-10F.8.1	Metals Digestion	Julie Hong	08/12/04 13:20	Digestate from N74646-10F.8
N74646-10F.8.1	Julie Hong	Metals Digestate Storage	08/12/04 13:24	Return to Storage
N74646-10F.8.1	Metals Digestate Storage	Nancy Duan	08/12/04 15:23	Retrieve from Storage
N74646-10F.8.1	Nancy Duan	Metals Digestate Storage	08/12/04 17:02	Return to Storage
N74646-10F.8.1	Metals Digestate Storage	Nancy Duan	08/16/04 10:51	Retrieve from Storage
N74646-10F.8.1	Nancy Duan	Metals Digestate Storage	08/16/04 17:32	Return to Storage
N74646-10F.8.2	Wenying Guo	Hg Metals Digestion	08/12/04 14:48	Digestate from N74646-10F.8
N74646-10F.8.2	Hg Metals Digestion	Wenying Guo	08/13/04 09:22	Digestate from N74646-10F.8
N74646-10F.8.2	Wenying Guo	Metals Digestate Storage	08/13/04 11:20	Return to Storage
N74646-11.3	Secured Storage	Ron Lee	08/11/04 13:35	Retrieve from Storage
N74646-11.3	Ron Lee	George Paunovski	08/11/04 15:26	Custody Transfer
N74646-11.3	George Paunovski		08/11/04 21:44	Depleted

Accutest Internal Chain of Custody

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC
Received: 08/10/04

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
N74646-11.3.1	George Paunovski	Organics Prep	08/11/04 15:26	Extract from N74646-11.3
N74646-11.3.1	Organics Prep	George Paunovski	08/11/04 23:10	Extract from N74646-11.3
N74646-11.3.1	George Paunovski	Extract Storage	08/11/04 23:10	Return to Storage
N74646-11.3.1	Extract Storage	Kristi Schollenberger	08/12/04 11:31	Retrieve from Storage
N74646-11.3.1	Kristi Schollenberger	GC1G	08/12/04 11:31	Load on Instrument
N74646-11.3.1	GC1G	Kristi Schollenberger	08/16/04 16:36	Unload from Instrument
N74646-11.3.1	Kristi Schollenberger	Extract Freezer	08/16/04 16:37	Return to Storage
N74646-11.5	Secured Storage	Ron Lee	08/11/04 13:35	Retrieve from Storage
N74646-11.5	Ron Lee	Karl M. Rosko	08/11/04 15:19	Custody Transfer
N74646-11.5	Karl M. Rosko		08/11/04 15:24	Depleted
N74646-11.5.1	Karl M. Rosko	Organics Prep	08/11/04 15:19	Extract from N74646-11.5
N74646-11.5.1	Organics Prep	Anthony Troy Hankerson	08/11/04 19:20	Extract from N74646-11.5
N74646-11.5.1	Anthony Troy Hankerson	Extract Storage	08/11/04 19:20	Return to Storage
N74646-11.5.1	Extract Storage	Owen McKenna	08/12/04 15:49	Retrieve from Storage
N74646-11.5.1	Owen McKenna	GCOA	08/12/04 15:49	Load on Instrument
N74646-11.5.1	GCOA	Owen McKenna	08/16/04 16:32	Unload from Instrument
N74646-11.5.1	Owen McKenna	Extract Freezer	08/16/04 16:32	Return to Storage
N74646-11.5.2	Karl M. Rosko	Organics Prep	08/11/04 15:22	Extract from N74646-11.5
N74646-11.5.2	Organics Prep	Anthony Troy Hankerson	08/11/04 19:21	Extract from N74646-11.5
N74646-11.5.2	Anthony Troy Hankerson	Extract Storage	08/11/04 19:21	Return to Storage
N74646-11.5.2	Extract Storage	Olga Azarihn	08/13/04 17:20	Retrieve from Storage
N74646-11.5.2	Olga Azarihn	GCEF	08/13/04 17:20	Load on Instrument
N74646-11.5.2	GCEF	Olga Azarihn	08/16/04 09:17	Unload from Instrument
N74646-11.5.2	Olga Azarihn	Extract Freezer	08/16/04 09:17	Return to Storage
N74646-11.6	Secured Storage	Ron Lee	08/11/04 13:35	Retrieve from Storage
N74646-11.6	Ron Lee	Anthony Troy Hankerson	08/11/04 15:11	Custody Transfer
N74646-11.6	Anthony Troy Hankerson		08/11/04 15:13	Depleted
N74646-11.6.1	Anthony Troy Hankerson	Organics Prep	08/11/04 15:13	Extract from N74646-11.6
N74646-11.6.1	Organics Prep	Anthony Troy Hankerson	08/11/04 19:21	Extract from N74646-11.6
N74646-11.6.1	Anthony Troy Hankerson	Extract Storage	08/11/04 19:21	Return to Storage
N74646-11.6.1	Extract Storage	Nina Pandya	08/13/04 11:10	Retrieve from Storage
N74646-11.6.1	Nina Pandya	GCMSF	08/13/04 11:10	Load on Instrument
N74646-11.6.1	GCMSF	Nina Pandya	08/18/04 11:43	Unload from Instrument
N74646-11.6.1	Nina Pandya	Extract Freezer	08/18/04 11:43	Return to Storage
N74646-11.7	Secured Storage	Dave Hunkele	08/12/04 06:41	Retrieve from Storage
N74646-11.7	Dave Hunkele	Jieyu Wang	08/12/04 08:04	Custody Transfer
N74646-11.7	Secured Storage	Kevin Coughlin	08/12/04 12:15	Retrieve from Storage

Accutest Internal Chain of Custody

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC
Received: 08/10/04

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
Bottle was returned to secure storage, but inadvertently not scanned.				
N74646-11.7	Kevin Coughlin	Wenying Guo	08/12/04 12:15	Custody Transfer
N74646-11.7	Wenying Guo	Secured Storage	08/12/04 14:52	Return to Storage
N74646-11.7.1	Jieyu Wang	Metals Digestion	08/12/04 08:50	Digestate from N74646-11.7
N74646-11.7.1	Metals Digestion	Julie Hong	08/12/04 13:20	Digestate from N74646-11.7
N74646-11.7.1	Julie Hong	Metals Digestate Storage	08/12/04 13:24	Return to Storage
N74646-11.7.1	Metals Digestate Storage	Nancy Duan	08/12/04 15:23	Retrieve from Storage
N74646-11.7.1	Nancy Duan	Metals Digestate Storage	08/12/04 17:02	Return to Storage
N74646-11.7.1	Metals Digestate Storage	Nancy Duan	08/16/04 10:51	Retrieve from Storage
N74646-11.7.1	Nancy Duan	Metals Digestate Storage	08/16/04 17:32	Return to Storage
N74646-11.7.2	Wenying Guo	Hg Metals Digestion	08/12/04 14:48	Digestate from N74646-11.7
N74646-11.7.2	Hg Metals Digestion	Wenying Guo	08/13/04 09:22	Digestate from N74646-11.7
N74646-11.7.2	Wenying Guo	Metals Digestate Storage	08/13/04 11:20	Return to Storage
N74646-11.9	Secured Storage	Millicent Walker	08/15/04 09:16	Retrieve from Storage
N74646-11.9	Millicent Walker	Secured Storage	08/15/04 13:32	Return to Storage
N74646-11.9.1	Millicent Walker	GenChem Distillation	08/15/04 13:19	Distillate from N74646-11.9
N74646-11.9.1	GenChem Distillation	Millicent Walker	08/15/04 13:21	Distillate from N74646-11.9
N74646-11.9.1	Millicent Walker	GenChem Prep Storage	08/15/04 13:22	Return to Storage
N74646-11.10	Secured Storage	Nick Popow	08/11/04 15:57	Retrieve from Storage
N74646-11.10	Nick Popow		08/11/04 15:58	Subcontract
N74646-11.11	Secured Storage	Ying Li	08/12/04 17:04	Retrieve from Storage
N74646-11.11	Ying Li	GCMSD	08/12/04 17:04	Load on Instrument
N74646-11.11	GCMSD	Ying Li	08/13/04 14:56	Unload from Instrument
N74646-11.11	Ying Li	Secured Storage	08/13/04 14:56	Return to Storage
N74646-11F.8	Secured Storage	Dave Hunkele	08/12/04 06:41	Retrieve from Storage
N74646-11F.8	Dave Hunkele	Jieyu Wang	08/12/04 08:04	Custody Transfer
N74646-11F.8	Secured Storage	Kevin Coughlin	08/12/04 12:15	Retrieve from Storage
Bottle was returned to secure storage, but inadvertently not scanned.				
N74646-11F.8	Kevin Coughlin	Wenying Guo	08/12/04 12:15	Custody Transfer
N74646-11F.8	Wenying Guo	Secured Storage	08/12/04 14:52	Return to Storage
N74646-11F.8.1	Jieyu Wang	Metals Digestion	08/12/04 08:50	Digestate from N74646-11F.8
N74646-11F.8.1	Metals Digestion	Julie Hong	08/12/04 13:20	Digestate from N74646-11F.8
N74646-11F.8.1	Julie Hong	Metals Digestate Storage	08/12/04 13:24	Return to Storage
N74646-11F.8.1	Metals Digestate Storage	Nancy Duan	08/12/04 15:23	Retrieve from Storage
N74646-11F.8.1	Nancy Duan	Metals Digestate Storage	08/12/04 17:02	Return to Storage
N74646-11F.8.1	Metals Digestate Storage	Nancy Duan	08/16/04 10:51	Retrieve from Storage

Accutest Internal Chain of Custody

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC
Received: 08/10/04

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
N74646-11F.8.1	Nancy Duan	Metals Digestate Storage	08/16/04 17:32	Return to Storage
N74646-11F.8.2	Wenying Guo	Hg Metals Digestion	08/12/04 14:48	Digestate from N74646-11F.8
N74646-11F.8.2	Hg Metals Digestion	Wenying Guo	08/13/04 09:22	Digestate from N74646-11F.8
N74646-11F.8.2	Wenying Guo	Metals Digestate Storage	08/13/04 11:20	Return to Storage
N74646-12.3	Secured Storage	Ron Lee	08/11/04 13:35	Retrieve from Storage
N74646-12.3	Ron Lee	Karl M. Rosko	08/11/04 15:19	Custody Transfer
N74646-12.3	Karl M. Rosko		08/11/04 15:24	Depleted
N74646-12.3.1	Karl M. Rosko	Organics Prep	08/11/04 15:19	Extract from N74646-12.3
N74646-12.3.1	Organics Prep	Anthony Troy Hankerson	08/11/04 19:20	Extract from N74646-12.3
N74646-12.3.1	Anthony Troy Hankerson	Extract Storage	08/11/04 19:20	Return to Storage
N74646-12.3.1	Extract Storage	Owen McKenna	08/12/04 15:49	Retrieve from Storage
N74646-12.3.1	Owen McKenna	GCOA	08/12/04 15:49	Load on Instrument
N74646-12.3.1	GCOA	Owen McKenna	08/16/04 16:32	Unload from Instrument
N74646-12.3.1	Owen McKenna	Extract Freezer	08/16/04 16:32	Return to Storage
N74646-12.3.2	Karl M. Rosko	Organics Prep	08/11/04 15:22	Extract from N74646-12.3
N74646-12.3.2	Organics Prep	Anthony Troy Hankerson	08/11/04 19:21	Extract from N74646-12.3
N74646-12.3.2	Anthony Troy Hankerson	Extract Storage	08/11/04 19:21	Return to Storage
N74646-12.3.2	Extract Storage	Olga Azarihn	08/13/04 17:20	Retrieve from Storage
N74646-12.3.2	Olga Azarihn	GCEF	08/13/04 17:20	Load on Instrument
N74646-12.3.2	GCEF	Olga Azarihn	08/16/04 09:17	Unload from Instrument
N74646-12.3.2	Olga Azarihn	Extract Freezer	08/16/04 09:17	Return to Storage
N74646-12.4	Secured Storage	Ron Lee	08/11/04 13:35	Retrieve from Storage
N74646-12.4	Ron Lee	Anthony Troy Hankerson	08/11/04 15:11	Custody Transfer
N74646-12.4	Anthony Troy Hankerson		08/11/04 15:13	Depleted
N74646-12.4.1	Anthony Troy Hankerson	Organics Prep	08/11/04 15:13	Extract from N74646-12.4
N74646-12.4.1	Organics Prep	Anthony Troy Hankerson	08/11/04 19:21	Extract from N74646-12.4
N74646-12.4.1	Anthony Troy Hankerson	Extract Storage	08/11/04 19:21	Return to Storage
N74646-12.4.1	Extract Storage	Nina Pandya	08/13/04 11:10	Retrieve from Storage
N74646-12.4.1	Nina Pandya	GCMSF	08/13/04 11:10	Load on Instrument
N74646-12.4.1	GCMSF	Nina Pandya	08/18/04 11:43	Unload from Instrument
N74646-12.4.1	Nina Pandya	Extract Freezer	08/18/04 11:43	Return to Storage
N74646-12.5	Secured Storage	Ron Lee	08/11/04 13:35	Retrieve from Storage
N74646-12.5	Ron Lee	George Paunovski	08/11/04 15:26	Custody Transfer
N74646-12.5	George Paunovski		08/11/04 21:44	Depleted
N74646-12.5.1	George Paunovski	Organics Prep	08/11/04 15:26	Extract from N74646-12.5
N74646-12.5.1	Organics Prep	George Paunovski	08/11/04 23:10	Extract from N74646-12.5

Accutest Internal Chain of Custody

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC
Received: 08/10/04

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
N74646-12.5.1	George Paunovski	Extract Storage	08/11/04 23:10	Return to Storage
N74646-12.5.1	Extract Storage	Kristi Schollenberger	08/12/04 11:31	Retrieve from Storage
N74646-12.5.1	Kristi Schollenberger	GC1G	08/12/04 11:31	Load on Instrument
N74646-12.5.1	GC1G	Kristi Schollenberger	08/16/04 16:36	Unload from Instrument
N74646-12.5.1	Kristi Schollenberger	Extract Freezer	08/16/04 16:37	Return to Storage
N74646-12.7	Secured Storage	Dave Hunkele	08/12/04 06:41	Retrieve from Storage
N74646-12.7	Dave Hunkele	Jieyu Wang	08/12/04 08:04	Custody Transfer
N74646-12.7	Secured Storage	Kevin Coughlin	08/12/04 12:15	Retrieve from Storage
Bottle was returned to secure storage, but inadvertently not scanned.				
N74646-12.7	Kevin Coughlin	Wenying Guo	08/12/04 12:15	Custody Transfer
N74646-12.7	Wenying Guo	Secured Storage	08/12/04 14:52	Return to Storage
N74646-12.7.1	Jieyu Wang	Metals Digestion	08/12/04 08:50	Digestate from N74646-12.7
N74646-12.7.1	Metals Digestion	Julie Hong	08/12/04 13:21	Digestate from N74646-12.7
N74646-12.7.1	Julie Hong	Metals Digestate Storage	08/12/04 13:24	Return to Storage
N74646-12.7.1	Metals Digestate Storage	Nancy Duan	08/12/04 15:24	Retrieve from Storage
N74646-12.7.1	Nancy Duan	Metals Digestate Storage	08/12/04 17:02	Return to Storage
N74646-12.7.1	Metals Digestate Storage	Nancy Duan	08/16/04 10:51	Retrieve from Storage
N74646-12.7.1	Nancy Duan	Metals Digestate Storage	08/16/04 17:32	Return to Storage
N74646-12.7.1	Metals Digestate Storage	Joan D. McCormack	08/17/04 14:01	Retrieve from Storage
N74646-12.7.1	Joan D. McCormack	Metals Digestate Storage	08/17/04 14:35	Return to Storage
N74646-12.7.2	Wenying Guo	Hg Metals Digestion	08/12/04 14:48	Digestate from N74646-12.7
N74646-12.7.2	Hg Metals Digestion	Wenying Guo	08/13/04 09:22	Digestate from N74646-12.7
N74646-12.7.2	Wenying Guo	Metals Digestate Storage	08/13/04 11:20	Return to Storage
N74646-12.9	Secured Storage	Millicent Walker	08/15/04 09:16	Retrieve from Storage
N74646-12.9	Millicent Walker	Secured Storage	08/15/04 13:32	Return to Storage
N74646-12.9.1	Millicent Walker	GenChem Distillation	08/15/04 13:19	Distillate from N74646-12.9
N74646-12.9.1	GenChem Distillation	Millicent Walker	08/15/04 13:21	Distillate from N74646-12.9
N74646-12.9.1	Millicent Walker	GenChem Prep Storage	08/15/04 13:22	Return to Storage
N74646-12.10	Secured Storage	Nick Popow	08/11/04 15:57	Retrieve from Storage
N74646-12.10	Nick Popow		08/11/04 15:58	Subcontract
N74646-12.11	Secured Storage	Ying Li	08/12/04 17:04	Retrieve from Storage
N74646-12.11	Ying Li	GCMSD	08/12/04 17:04	Load on Instrument
N74646-12.11	GCMSD	Ying Li	08/13/04 14:56	Unload from Instrument
N74646-12.11	Ying Li	Secured Storage	08/13/04 14:56	Return to Storage
N74646-12F.8	Secured Storage	Dave Hunkele	08/12/04 06:41	Retrieve from Storage
N74646-12F.8	Dave Hunkele	Jieyu Wang	08/12/04 08:04	Custody Transfer

Accutest Internal Chain of Custody

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC
Received: 08/10/04

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
N74646-12F.8	Secured Storage	Kevin Coughlin	08/12/04 12:15	Retrieve from Storage
Bottle was returned to secure storage, but inadvertently not scanned.				
N74646-12F.8	Kevin Coughlin	Wenying Guo	08/12/04 12:15	Custody Transfer
N74646-12F.8	Wenying Guo	Secured Storage	08/12/04 14:52	Return to Storage
N74646-12F.8.1	Jieyu Wang	Metals Digestion	08/12/04 08:50	Digestate from N74646-12F.8
N74646-12F.8.1	Metals Digestion	Julie Hong	08/12/04 13:21	Digestate from N74646-12F.8
N74646-12F.8.1	Julie Hong	Metals Digestate Storage	08/12/04 13:24	Return to Storage
N74646-12F.8.1	Metals Digestate Storage	Nancy Duan	08/12/04 15:24	Retrieve from Storage
N74646-12F.8.1	Nancy Duan	Metals Digestate Storage	08/12/04 17:02	Return to Storage
N74646-12F.8.1	Metals Digestate Storage	Nancy Duan	08/16/04 10:51	Retrieve from Storage
N74646-12F.8.1	Nancy Duan	Metals Digestate Storage	08/16/04 17:32	Return to Storage
N74646-12F.8.1	Metals Digestate Storage	Joan D. McCormack	08/17/04 14:01	Retrieve from Storage
N74646-12F.8.1	Joan D. McCormack	Metals Digestate Storage	08/17/04 14:35	Return to Storage
N74646-12F.8.2	Wenying Guo	Hg Metals Digestion	08/12/04 14:48	Digestate from N74646-12F.8
N74646-12F.8.2	Hg Metals Digestion	Wenying Guo	08/13/04 09:22	Digestate from N74646-12F.8
N74646-12F.8.2	Wenying Guo	Metals Digestate Storage	08/13/04 11:20	Return to Storage
N74646-13.3	Secured Storage	Ron Lee	08/11/04 13:35	Retrieve from Storage
N74646-13.3	Ron Lee	George Paunovski	08/11/04 15:26	Custody Transfer
N74646-13.3	George Paunovski		08/11/04 21:44	Depleted
N74646-13.3.1	George Paunovski	Organics Prep	08/11/04 15:26	Extract from N74646-13.3
N74646-13.3.1	Organics Prep	George Paunovski	08/11/04 23:10	Extract from N74646-13.3
N74646-13.3.1	George Paunovski	Extract Storage	08/11/04 23:10	Return to Storage
N74646-13.3.1	Extract Storage	Kristi Schollenberger	08/12/04 11:31	Retrieve from Storage
N74646-13.3.1	Kristi Schollenberger	GC1G	08/12/04 11:31	Load on Instrument
N74646-13.3.1	GC1G	Kristi Schollenberger	08/16/04 16:36	Unload from Instrument
N74646-13.3.1	Kristi Schollenberger	Extract Freezer	08/16/04 16:37	Return to Storage
N74646-13.4	Secured Storage	Ron Lee	08/11/04 13:35	Retrieve from Storage
N74646-13.4	Ron Lee	Karl M. Rosko	08/11/04 15:19	Custody Transfer
N74646-13.4	Karl M. Rosko		08/11/04 15:24	Depleted
N74646-13.4.1	Karl M. Rosko	Organics Prep	08/11/04 15:19	Extract from N74646-13.4
N74646-13.4.1	Organics Prep	Anthony Troy Hankerson	08/11/04 19:20	Extract from N74646-13.4
N74646-13.4.1	Anthony Troy Hankerson	Extract Storage	08/11/04 19:20	Return to Storage
N74646-13.4.1	Extract Storage	Owen McKenna	08/12/04 15:49	Retrieve from Storage
N74646-13.4.1	Owen McKenna	GCOA	08/12/04 15:49	Load on Instrument
N74646-13.4.1	GCOA	Owen McKenna	08/16/04 16:32	Unload from Instrument
N74646-13.4.1	Owen McKenna	Extract Freezer	08/16/04 16:32	Return to Storage
N74646-13.4.2	Karl M. Rosko	Organics Prep	08/11/04 15:22	Extract from N74646-13.4

Accutest Internal Chain of Custody

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC
Received: 08/10/04

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
N74646-13.4.2	Organics Prep	Anthony Troy Hankerson	08/11/04 19:21	Extract from N74646-13.4
N74646-13.4.2	Anthony Troy Hankerson	Extract Storage	08/11/04 19:21	Return to Storage
N74646-13.4.2	Extract Storage	Olga Azarihn	08/13/04 17:20	Retrieve from Storage
N74646-13.4.2	Olga Azarihn	GCEF	08/13/04 17:20	Load on Instrument
N74646-13.4.2	GCEF	Olga Azarihn	08/16/04 09:17	Unload from Instrument
N74646-13.4.2	Olga Azarihn	Extract Freezer	08/16/04 09:17	Return to Storage
N74646-13.6	Secured Storage	Ron Lee	08/11/04 13:35	Retrieve from Storage
N74646-13.6	Ron Lee	Anthony Troy Hankerson	08/11/04 15:11	Custody Transfer
N74646-13.6	Anthony Troy Hankerson		08/11/04 15:13	Depleted
N74646-13.6.1	Anthony Troy Hankerson	Organics Prep	08/11/04 15:13	Extract from N74646-13.6
N74646-13.6.1	Organics Prep	Anthony Troy Hankerson	08/11/04 19:21	Extract from N74646-13.6
N74646-13.6.1	Anthony Troy Hankerson	Extract Storage	08/11/04 19:21	Return to Storage
N74646-13.6.1	Extract Storage	Nina Pandya	08/13/04 11:10	Retrieve from Storage
N74646-13.6.1	Nina Pandya	GCMSF	08/13/04 11:10	Load on Instrument
N74646-13.6.1	GCMSF	Nina Pandya	08/18/04 11:43	Unload from Instrument
N74646-13.6.1	Nina Pandya	Extract Freezer	08/18/04 11:43	Return to Storage
N74646-13.7	Secured Storage	Dave Hunkele	08/12/04 06:41	Retrieve from Storage
N74646-13.7	Dave Hunkele	Jieyu Wang	08/12/04 08:04	Custody Transfer
N74646-13.7	Secured Storage	Kevin Coughlin	08/12/04 12:15	Retrieve from Storage
Bottle was returned to secure storage, but inadvertently not scanned.				
N74646-13.7	Kevin Coughlin	Wenying Guo	08/12/04 12:15	Custody Transfer
N74646-13.7	Wenying Guo	Secured Storage	08/12/04 14:52	Return to Storage
N74646-13.7.1	Wenying Guo	Hg Metals Digestion	08/12/04 14:48	Digestate from N74646-13.7
N74646-13.7.1	Hg Metals Digestion	Wenying Guo	08/13/04 09:22	Digestate from N74646-13.7
N74646-13.7.1	Wenying Guo	Metals Digestate Storage	08/13/04 11:20	Return to Storage
N74646-13.9	Secured Storage	Millicent Walker	08/15/04 09:16	Retrieve from Storage
N74646-13.9	Millicent Walker	Secured Storage	08/15/04 13:32	Return to Storage
N74646-13.9.1	Millicent Walker	GenChem Distillation	08/15/04 13:19	Distillate from N74646-13.9
N74646-13.9.1	GenChem Distillation	Millicent Walker	08/15/04 13:21	Distillate from N74646-13.9
N74646-13.9.1	Millicent Walker	GenChem Prep Storage	08/15/04 13:22	Return to Storage
N74646-13.10	Secured Storage	Nick Popow	08/11/04 15:57	Retrieve from Storage
N74646-13.10	Nick Popow		08/11/04 15:58	Subcontract
N74646-13.11	Secured Storage	Ying Li	08/12/04 17:04	Retrieve from Storage
N74646-13.11	Ying Li	GCMSD	08/12/04 17:04	Load on Instrument
N74646-13.11	GCMSD	Ying Li	08/13/04 14:56	Unload from Instrument
N74646-13.11	Ying Li	Secured Storage	08/13/04 14:56	Return to Storage

Accutest Internal Chain of Custody

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC
Received: 08/10/04

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
N74646-13F.8	Secured Storage	Dave Hunkele	08/12/04 06:41	Retrieve from Storage
N74646-13F.8	Dave Hunkele	Jieyu Wang	08/12/04 08:04	Custody Transfer
N74646-13F.8	Secured Storage	Kevin Coughlin	08/12/04 12:15	Retrieve from Storage
Bottle was returned to secure storage, but inadvertently not scanned.				
N74646-13F.8	Kevin Coughlin	Wenying Guo	08/12/04 12:15	Custody Transfer
N74646-13F.8	Wenying Guo	Secured Storage	08/12/04 14:52	Return to Storage
N74646-13F.8.1	Wenying Guo	Hg Metals Digestion	08/12/04 14:48	Digestate from N74646-13F.8
N74646-13F.8.1	Hg Metals Digestion	Wenying Guo	08/13/04 09:22	Digestate from N74646-13F.8
N74646-13F.8.1	Wenying Guo	Metals Digestate Storage	08/13/04 11:20	Return to Storage

SDG Narrative
Accutest Laboratories
Job # N74646

Samples for this SDG were received at Accutest Laboratories on 8/10/04 for analysis. Sample field IDs and the corresponding laboratory sample IDs are listed on the sample summary and sample analytical report pages.

GC/MS Volatile Fraction: *(SW846 8260B)*

- Instrument Models: HP5973MSD
- Columns: DB-624 60m x 0.25mm x 1.4um
- Sample N74646-1 was used as the matrix spike (MS) and matrix spike duplicates (MSD).
- Two RPD of MS/MSD (QC batch VD3413) were outside control limits due to possible matrix interference.

GC/MS Semi-volatile Fraction: *(SW846 8270C)*

- Instrument Model: HP5973MSD
- Column: HP-5MS 30m x 0.25mm x 0.25um
- Sample N74646-1 was used as the matrix spike (MS).
- In the MS summaries (QC batch OP17687), recoveries of various compounds were outside control limits. No associated samples been reported positive for this compound.
- In the BS/BSD summary (QC batch OP17687), various recoveries from blank spikes and blank spikes duplicates and one RPD were outside the QC limits. No associated samples been reported positive for this compound.

GC Pesticide Fraction: *(SW846 8081)*

- Instrument Model: HP5890/dual ECD
- Columns: RTX-CLPI 30m x 0.32mm x 0.25um/RTX-CLPII 30m x 0.32mm x 0.25um
- Sample N74646-2 was used as the matrix spike (MS).
- In the BS/BSD summary (QC batch OP17688), High RPD due to Blank Spike double spiked. Recoveries on the Blank Spike were double spiked. The %BSP of alpha-Chlordane was reported from 2nd signal due to interference on 1st signal. The %BSD of alpha-Chlordane was reported from the 2nd signal due to interference on 1st signal.

GC PCB Fraction: *(SW846 8082)*

- Instrument Model: HP5890/dual ECD
- Columns: RTX-CLPI 30m x 0.32mm x 0.25um/RTX-CLPII 30m x 0.32mm x 0.25um
- Sample N74646-3 was used as the matrix spike (MS).

GC Herbicide Fraction: *(SW846 8151)*

- Instrument Model: HP5890/dual ECD
- Columns: RTX-CLPI 30m x 0.32mm x 0.25um/RTX-CLPII 30m x 0.32mm x 0.25um
- Sample N74646-4 was used as the matrix spike (MS).

On the metals fraction:

- The samples were analyzed for metals using method SW846 6010B and SW846 6020. For mercury using methods SW846 7470A.
- Samples N74646-2, N74646-12, N74646-1, and N74646-8 were used as the matrix spike (MS) and matrix spikes duplicate (MSD).
- The serial dilution (QC batch MP26767) for eight elements, the RPD were acceptable due to low initial sample concentration (<50 times IDL).
- The serial dilution (QC batch MP26768) for three elements, the RPD were acceptable due to low initial sample concentration (<50 times IDL). Also serial dilution for Potassium indicates possible matrix interference.
- The serial dilution (QC batch MP26857) for two elements, the RPD were acceptable due to low initial sample concentration (<50 times IDL).

On the general chemistry fraction:

- The samples were analyzed for Cyanide by using method SW846 9012A.
- Sample N74646-12 was used as the matrix spike (MS) and the duplicates (DUP).

Qualifiers possibly reported on the target compound list for all fractions:

"ND" indicating compound was analyzed but not detected,
"J" indicating estimated value where the concentration is less than the reporting limit,
"E" indicating estimated value where the concentration exceeds calibration range, and
"B" indicating compound is found in associated method blank as well as in the sample.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package and in the computer-readable data submitted on diskette, has been authorized by the laboratory manager or his designee, as verified by the following signature.

Su Chou

Su Chou

Report Generation Supervisor

Internal Sample Tracking Chronicle

ENSR Consulting & Engineering

Job No: N74646

Former Camp Butner, NC
Project No: 09090-068

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
N74646-1 Collected: 09-AUG-04 16:40 By: LB Received: 10-AUG-04 By: CJP RW0804-658-LAKEVIEWDR						
N74646-1	SW846 7470A	12-AUG-04 09:52	WG	11-AUG-04	WG	HG
N74646-1	SW846 6020	12-AUG-04 15:00	ND	12-AUG-04	JH	BEMS,TLMS
N74646-1	SW846 8151	12-AUG-04 18:22	KLS	11-AUG-04	GGP	H8151STD
N74646-1	SW846 8260B	12-AUG-04 19:48	YL			V8260TCL42
N74646-1	SW846 8081A	12-AUG-04 20:28	OPM	11-AUG-04	KMR	P8081PESTTCL
N74646-1	SW846 6010B	12-AUG-04 22:03	ND	12-AUG-04	JH	AG,AL,AS,BA,CA,CD,CO,CR,CU, FE,K,MG,MN,NA,NI,PB,SB,SE, V,ZN
N74646-1	SW846 8082	14-AUG-04 15:07	OYA	11-AUG-04	KMR	P8082PCBAO
N74646-1	SW846 9012A	16-AUG-04 09:44	JH	15-AUG-04	MW	CN
N74646-1	SW846 8270C	17-AUG-04 17:57	NAP	11-AUG-04	KMR	AB8270TCL42
N74646-2 Collected: 09-AUG-04 15:25 By: LB Received: 10-AUG-04 By: CJP RW0804-653-LAKEVIEWDR						
N74646-2	SW846 7470A	12-AUG-04 09:54	WG	11-AUG-04	WG	HG
N74646-2	SW846 6020	12-AUG-04 14:25	ND	12-AUG-04	JH	BEMS,TLMS
N74646-2	SW846 8151	12-AUG-04 18:56	KLS	11-AUG-04	GGP	H8151STD
N74646-2	SW846 8081A	12-AUG-04 21:02	OPM	11-AUG-04	KMR	P8081PESTTCL
N74646-2	SW846 6010B	12-AUG-04 21:22	ND	12-AUG-04	JH	AG,AL,AS,BA,CA,CD,CO,CR,CU, FE,K,MG,MN,NA,NI,PB,SE,V,ZN
N74646-2	SW846 8260B	12-AUG-04 22:19	YL			V8260TCL42
N74646-2	SW846 8082	14-AUG-04 15:44	OYA	11-AUG-04	KMR	P8082PCBAO
N74646-2	SW846 9012A	16-AUG-04 09:45	JH	15-AUG-04	MW	CN
N74646-2	SW846 6010B	16-AUG-04 23:23	ND	12-AUG-04	JH	SB
N74646-2	SW846 8270C	17-AUG-04 19:46	NAP	11-AUG-04	KMR	AB8270TCL42
N74646-3 Collected: 09-AUG-04 13:50 By: LB Received: 10-AUG-04 By: CJP RW0804-652-LAKEVIEWDR						
N74646-3	SW846 7470A	12-AUG-04 09:56	WG	11-AUG-04	WG	HG
N74646-3	SW846 6020	12-AUG-04 15:08	ND	12-AUG-04	JH	BEMS,TLMS
N74646-3	SW846 8151	12-AUG-04 19:30	KLS	11-AUG-04	GGP	H8151STD
N74646-3	SW846 8081A	12-AUG-04 21:35	OPM	11-AUG-04	KMR	P8081PESTTCL
N74646-3	SW846 6010B	12-AUG-04 22:10	ND	12-AUG-04	JH	AG,AL,AS,BA,CA,CD,CO,CR,CU, FE,K,MG,MN,NA,NI,PB,SB,SE, V,ZN

Internal Sample Tracking Chronicle

ENSR Consulting & Engineering

Job No: N74646

Former Camp Butner, NC
Project No: 09090-068

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
N74646-3	SW846 8260B	12-AUG-04 22:50	YL			V8260TCL42
N74646-3	SW846 8082	14-AUG-04 16:21	OYA	11-AUG-04	KMR	P8082PCBAO
N74646-3	SW846 9012A	16-AUG-04 09:46	JH	15-AUG-04	MW	CN
N74646-3	SW846 8270C	17-AUG-04 20:22	NAP	11-AUG-04	KMR	AB8270TCL42
N74646-4 Collected: 09-AUG-04 17:35 By: LB Received: 10-AUG-04 By: CJP RWB0804-3536-FLETCHERSWAY						
N74646-4	SW846 7470A	12-AUG-04 09:57	WG	11-AUG-04	WG	HG
N74646-4	SW846 8151	12-AUG-04 13:49	KLS	11-AUG-04	GGP	H8151STD
N74646-4	SW846 6020	12-AUG-04 15:15	ND	12-AUG-04	JH	BEMS,TLMS
N74646-4	SW846 8081A	12-AUG-04 22:08	OPM	11-AUG-04	KMR	P8081PESTTCL
N74646-4	SW846 6010B	12-AUG-04 22:18	ND	12-AUG-04	JH	AG,AL,AS,BA,CA,CD,CO,CR,CU, FE,K,MG,MN,NA,NI,PB,SB,SE, V,ZN
N74646-4	SW846 8260B	12-AUG-04 23:20	YL			V8260TCL42
N74646-4	SW846 8082	14-AUG-04 16:58	OYA	11-AUG-04	KMR	P8082PCBAO
N74646-4	SW846 9012A	16-AUG-04 09:47	JH	15-AUG-04	MW	CN
N74646-4	SW846 8270C	17-AUG-04 20:58	NAP	11-AUG-04	KMR	AB8270TCL42
N74646-5 Collected: 09-AUG-04 12:30 By: LB Received: 10-AUG-04 By: CJP RW0804-NCNG						
N74646-5	SW846 7470A	12-AUG-04 09:58	WG	11-AUG-04	WG	HG
N74646-5	SW846 6020	12-AUG-04 15:23	ND	12-AUG-04	JH	BEMS,TLMS
N74646-5	SW846 8151	12-AUG-04 20:04	KLS	11-AUG-04	GGP	H8151STD
N74646-5	SW846 6010B	12-AUG-04 22:26	ND	12-AUG-04	JH	AG,AL,AS,BA,CA,CD,CO,CR,CU, FE,K,MG,MN,NA,NI,PB,SB,SE, V,ZN
N74646-5	SW846 8081A	12-AUG-04 22:42	OPM	11-AUG-04	KMR	P8081PESTTCL
N74646-5	SW846 8260B	12-AUG-04 23:50	YL			V8260TCL42
N74646-5	SW846 8082	14-AUG-04 17:35	OYA	11-AUG-04	KMR	P8082PCBAO
N74646-5	SW846 9012A	16-AUG-04 09:50	JH	15-AUG-04	MW	CN
N74646-5	SW846 8270C	17-AUG-04 21:34	NAP	11-AUG-04	KMR	AB8270TCL42
N74646-6 Collected: 09-AUG-04 00:00 By: LB Received: 10-AUG-04 By: CJP RW0804-FIELDDUP1						
N74646-6	SW846 7470A	12-AUG-04 10:00	WG	11-AUG-04	WG	HG
N74646-6	SW846 6020	12-AUG-04 15:30	ND	12-AUG-04	JH	BEMS,TLMS

Internal Sample Tracking Chronicle

ENSR Consulting & Engineering

Job No: N74646

Former Camp Butner, NC
Project No: 09090-068

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
N74646-6	SW846 8151	12-AUG-04 20:37	KLS	11-AUG-04	GGP	H8151STD
N74646-6	SW846 6010B	12-AUG-04 22:33	ND	12-AUG-04	JH	AG,AL,AS,BA,CA,CD,CO,CR,CU, FE,K,MG,MN,NA,NI,PB,SE,V,ZN
N74646-6	SW846 8081A	12-AUG-04 23:15	OPM	11-AUG-04	KMR	P8081PESTTCL
N74646-6	SW846 8260B	13-AUG-04 00:20	YL			V8260TCL42
N74646-6	SW846 8082	14-AUG-04 18:12	OYA	11-AUG-04	KMR	P8082PCBAO
N74646-6	SW846 9012A	16-AUG-04 09:51	JH	15-AUG-04	MW	CN
N74646-6	SW846 6010B	16-AUG-04 23:54	ND	12-AUG-04	JH	SB
N74646-6	SW846 8270C	17-AUG-04 22:10	NAP	11-AUG-04	KMR	AB8270TCL42
N74646-7 Collected: 09-AUG-04 17:35 By: LB Received: 10-AUG-04 By: CJP TRIP BLANK						
N74646-7	SW846 8260B	13-AUG-04 00:50	YL			V8260TCL42
N74646-8 Collected: 10-AUG-04 09:05 By: LB Received: 11-AUG-04 By: MP RW0804-CAMPBARHAM						
N74646-8	SW846 6020	12-AUG-04 15:53	ND	12-AUG-04	JH	BEMS,TLMS
N74646-8	SW846 8151	12-AUG-04 21:11	KLS	11-AUG-04	GGP	H8151STD
N74646-8	SW846 6010B	12-AUG-04 22:41	ND	12-AUG-04	JH	AG,AL,AS,BA,CA,CD,CO,CR,CU, FE,K,MG,MN,NA,NI,PB,SB,SE, V,ZN
N74646-8	SW846 8260B	13-AUG-04 01:21	YL			V8260TCL42
N74646-8	SW846 8081A	13-AUG-04 03:31	OPM	11-AUG-04	KMR	P8081PESTTCL
N74646-8	SW846 7470A	13-AUG-04 09:41	WG	12-AUG-04	WG	HG
N74646-8	SW846 8082	14-AUG-04 18:49	OYA	11-AUG-04	KMR	P8082PCBAO
N74646-8	SW846 9012A	16-AUG-04 09:52	JH	15-AUG-04	MW	CN
N74646-8	SW846 8270C	17-AUG-04 22:46	NAP	11-AUG-04	KMR	AB8270TCL42
N74646-9 Collected: 10-AUG-04 13:00 By: LB Received: 11-AUG-04 By: MP RW0804-4051-RANGERD						
N74646-9	SW846 6020	12-AUG-04 16:00	ND	12-AUG-04	JH	BEMS,TLMS
N74646-9	SW846 8151	12-AUG-04 21:45	KLS	11-AUG-04	GGP	H8151STD
N74646-9	SW846 6010B	12-AUG-04 22:49	ND	12-AUG-04	JH	AG,AL,AS,BA,CA,CD,CO,CR,CU, FE,K,MG,MN,NA,NI,PB,SE,V,ZN
N74646-9	SW846 8260B	13-AUG-04 01:51	YL			V8260TCL42
N74646-9	SW846 8081A	13-AUG-04 04:05	OPM	11-AUG-04	KMR	P8081PESTTCL
N74646-9	SW846 7470A	13-AUG-04 09:43	WG	12-AUG-04	WG	HG

Internal Sample Tracking Chronicle

ENSR Consulting & Engineering

Job No: N74646

Former Camp Butner, NC
Project No: 09090-068

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
N74646-9	SW846 8082	14-AUG-04 19:25	OYA	11-AUG-04	KMR	P8082PCBAO
N74646-9	SW846 9012A	16-AUG-04 09:54	JH	15-AUG-04	MW	CN
N74646-9	SW846 6010B	17-AUG-04 00:02	ND	12-AUG-04	JH	SB
N74646-9	SW846 8270C	17-AUG-04 23:21	NAP	11-AUG-04	KMR	AB8270TCL42
N74646-10 Collected: 10-AUG-04 10:50 By: LB Received: 11-AUG-04 By: MP RW0804-CAMPEASON						
N74646-10	SW846 6020	12-AUG-04 16:08	ND	12-AUG-04	JH	BEMS,TLMS
N74646-10	SW846 8151	12-AUG-04 22:19	KLS	11-AUG-04	GGP	H8151STD
N74646-10	SW846 6010B	12-AUG-04 22:56	ND	12-AUG-04	JH	AG,AL,AS,BA,CA,CD,CO,CR,CU,FE,K,MG,MN,NA,NI,PB,SB,SE,V,ZN
N74646-10	SW846 8260B	13-AUG-04 02:21	YL			V8260TCL42
N74646-10	SW846 8081A	13-AUG-04 04:38	OPM	11-AUG-04	KMR	P8081PESTTCL
N74646-10	SW846 7470A	13-AUG-04 09:46	WG	12-AUG-04	WG	HG
N74646-10	SW846 8082	14-AUG-04 20:02	OYA	11-AUG-04	KMR	P8082PCBAO
N74646-10	SW846 9012A	16-AUG-04 09:55	JH	15-AUG-04	MW	CN
N74646-10	SW846 8270C	17-AUG-04 23:57	NAP	11-AUG-04	KMR	AB8270TCL42
N74646-11 Collected: 10-AUG-04 17:05 By: LB Received: 11-AUG-04 By: MP RW0804-750-LITTLEMOUNTAIN						
N74646-11	SW846 6020	12-AUG-04 16:15	ND	12-AUG-04	JH	BEMS,TLMS
N74646-11	SW846 8151	12-AUG-04 22:52	KLS	11-AUG-04	GGP	H8151STD
N74646-11	SW846 6010B	12-AUG-04 23:04	ND	12-AUG-04	JH	AG,AL,AS,BA,CA,CD,CO,CR,CU,FE,K,MG,MN,NA,NI,PB,SE,V,ZN
N74646-11	SW846 8260B	13-AUG-04 02:51	YL			V8260TCL42
N74646-11	SW846 8081A	13-AUG-04 05:11	OPM	11-AUG-04	KMR	P8081PESTTCL
N74646-11	SW846 7470A	13-AUG-04 09:47	WG	12-AUG-04	WG	HG
N74646-11	SW846 8082	14-AUG-04 23:44	OYA	11-AUG-04	KMR	P8082PCBAO
N74646-11	SW846 9012A	16-AUG-04 09:56	JH	15-AUG-04	MW	CN
N74646-11	SW846 6010B	17-AUG-04 08:54	ND	12-AUG-04	JH	SB
N74646-11	SW846 8270C	18-AUG-04 00:33	NAP	11-AUG-04	KMR	AB8270TCL42
N74646-12 Collected: 10-AUG-04 15:30 By: LB Received: 11-AUG-04 By: MP RW0804-191-FALCONLANE						
N74646-12	SW846 6010B	12-AUG-04 18:59	ND	12-AUG-04	JH	AG,AS,BA,CA,CD,CO,CR,CU,FE,K,MG,MN,NA,NI,PB,SB,SE,V,ZN

Internal Sample Tracking Chronicle

ENSR Consulting & Engineering

Job No: N74646

Former Camp Butner, NC
Project No: 09090-068

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
N74646-12	SW846 8151	12-AUG-04 23:26	KLS	11-AUG-04	GGP	H8151STD
N74646-12	SW846 8260B	13-AUG-04 03:21	YL			V8260TCL42
N74646-12	SW846 8081A	13-AUG-04 05:44	OPM	11-AUG-04	KMR	P8081PESTTCL
N74646-12	SW846 7470A	13-AUG-04 09:48	WG	12-AUG-04	WG	HG
N74646-12	SW846 8082	15-AUG-04 00:21	OYA	11-AUG-04	KMR	P8082PCBAO
N74646-12	SW846 9012A	16-AUG-04 09:57	JH	15-AUG-04	MW	CN
N74646-12	SW846 6020	16-AUG-04 13:41	ND	12-AUG-04	JH	BEMS,TLMS
N74646-12	SW846 6010B	17-AUG-04 16:44	JDM	12-AUG-04	JH	AL
N74646-12	SW846 8270C	18-AUG-04 01:10	NAP	11-AUG-04	KMR	AB8270TCL42
N74646-13 Collected: 10-AUG-04 14:05 By: LB Received: 11-AUG-04 By: MP RW0804-4149-RANGERD						
N74646-13	SW846 6010B	12-AUG-04 19:14	ND	12-AUG-04	JH	AG,AS,BA,CA,CD,CO,CR,CU,FE,K,MG,MN,NA,NI,PB,SB,SE,V,ZN
N74646-13	SW846 8151	13-AUG-04 02:15	KLS	11-AUG-04	GGP	H8151STD
N74646-13	SW846 8260B	13-AUG-04 03:51	YL			V8260TCL42
N74646-13	SW846 8081A	13-AUG-04 06:17	OPM	11-AUG-04	KMR	P8081PESTTCL
N74646-13	SW846 7470A	13-AUG-04 09:53	WG	12-AUG-04	WG	HG
N74646-13	SW846 8082	15-AUG-04 00:58	OYA	11-AUG-04	KMR	P8082PCBAO
N74646-13	SW846 9012A	16-AUG-04 09:58	JH	15-AUG-04	MW	CN
N74646-13	SW846 6020	16-AUG-04 14:48	ND	12-AUG-04	JH	BEMS,TLMS
N74646-13	SW846 6010B	17-AUG-04 17:00	JDM	12-AUG-04	JH	AL
N74646-13	SW846 8270C	18-AUG-04 01:45	NAP	11-AUG-04	KMR	AB8270TCL42
N74646-1F Collected: 09-AUG-04 16:40 By: LB Received: 10-AUG-04 By: CJP RW0804-658-LAKEVIEWDR						
N74646-1F	SW846 7470A	12-AUG-04 10:03	WG	11-AUG-04	WG	HG
N74646-1F	SW846 6020	12-AUG-04 16:23	ND	12-AUG-04	JH	BEMS,TLMS
N74646-1F	SW846 6010B	13-AUG-04 00:26	ND	12-AUG-04	JH	AG,AL,AS,BA,CA,CD,CO,CR,CU,FE,K,MG,MN,NA,NI,PB,SB,SE,V,ZN
N74646-2F Collected: 09-AUG-04 15:25 By: LB Received: 10-AUG-04 By: CJP RW0804-653-LAKEVIEWDR						
N74646-2F	SW846 7470A	12-AUG-04 10:04	WG	11-AUG-04	WG	HG
N74646-2F	SW846 6020	12-AUG-04 16:30	ND	12-AUG-04	JH	BEMS,TLMS

Internal Sample Tracking Chronicle

ENSR Consulting & Engineering

Job No: N74646

Former Camp Butner, NC
Project No: 09090-068

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
N74646-2F	SW846 6010B	13-AUG-04 00:34	ND	12-AUG-04	JH	AG,AL,AS,BA,CA,CD,CO,CR,CU, FE,K,MG,MN,NA,NI,PB,SB,SE, V,ZN
N74646-3F Collected: 09-AUG-04 13:50 By: LB Received: 10-AUG-04 By: CJP RW0804-652-LAKEVIEWDR						
N74646-3F	SW846 7470A	12-AUG-04 10:06	WG	11-AUG-04	WG	HG
N74646-3F	SW846 6020	12-AUG-04 16:38	ND	12-AUG-04	JH	BEMS,TLMS
N74646-3F	SW846 6010B	13-AUG-04 00:42	ND	12-AUG-04	JH	AG,AL,AS,BA,CA,CD,CO,CR,CU, FE,K,MG,MN,NA,NI,PB,SB,SE, V,ZN
N74646-4F Collected: 09-AUG-04 17:35 By: LB Received: 10-AUG-04 By: CJP RWB0804-3536-FLETCHERSWAY						
N74646-4F	SW846 7470A	12-AUG-04 10:10	WG	11-AUG-04	WG	HG
N74646-4F	SW846 6020	12-AUG-04 16:45	ND	12-AUG-04	JH	BEMS,TLMS
N74646-4F	SW846 6010B	13-AUG-04 00:49	ND	12-AUG-04	JH	AG,AL,AS,BA,CA,CD,CO,CR,CU, FE,K,MG,MN,NA,NI,PB,SE,V,ZN
N74646-4F	SW846 6010B	17-AUG-04 00:09	ND	12-AUG-04	JH	SB
N74646-5F Collected: 09-AUG-04 12:30 By: LB Received: 10-AUG-04 By: CJP RW0804-NCNG						
N74646-5F	SW846 7470A	12-AUG-04 10:12	WG	11-AUG-04	WG	HG
N74646-5F	SW846 6020	12-AUG-04 16:53	ND	12-AUG-04	JH	BEMS,TLMS
N74646-5F	SW846 6010B	13-AUG-04 00:57	ND	12-AUG-04	JH	AG,AL,AS,BA,CA,CD,CO,CR,CU, FE,K,MG,MN,NA,NI,PB,SB,SE, V,ZN
N74646-6F Collected: 09-AUG-04 00:00 By: LB Received: 10-AUG-04 By: CJP RW0804-FIELDDUP1						
N74646-6F	SW846 7470A	12-AUG-04 10:14	WG	11-AUG-04	WG	HG
N74646-6F	SW846 6020	12-AUG-04 17:15	ND	12-AUG-04	JH	BEMS,TLMS
N74646-6F	SW846 6010B	13-AUG-04 01:05	ND	12-AUG-04	JH	AG,AL,AS,BA,CA,CD,CO,CR,CU, FE,K,MG,MN,NA,NI,PB,SB,SE, V,ZN

Internal Sample Tracking Chronicle

ENSR Consulting & Engineering

Job No: N74646

Former Camp Butner, NC
Project No: 09090-068

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
N74646-8F Collected: 10-AUG-04 09:05 By: LB Received: 11-AUG-04 By: MP RW0804-CAMPBARHAM						
N74646-8F	SW846 6020	12-AUG-04 17:23	ND	12-AUG-04	JH	BEMS,TLMS
N74646-8F	SW846 6010B	13-AUG-04 01:12	ND	12-AUG-04	JH	AG,AL,AS,BA,CA,CD,CO,CR,CU, FE,K,MG,MN,NA,NI,PB,SB,SE, V,ZN
N74646-8F	SW846 7470A	13-AUG-04 09:55	WG	12-AUG-04	WG	HG
N74646-9F Collected: 10-AUG-04 13:00 By: LB Received: 11-AUG-04 By: MP RW0804-4051-RANGERD						
N74646-9F	SW846 6020	12-AUG-04 17:30	ND	12-AUG-04	JH	BEMS,TLMS
N74646-9F	SW846 6010B	13-AUG-04 01:20	ND	12-AUG-04	JH	AG,AL,AS,BA,CA,CD,CO,CR,CU, FE,K,MG,MN,NA,NI,PB,SB,SE, V,ZN
N74646-9F	SW846 7470A	13-AUG-04 09:57	WG	12-AUG-04	WG	HG
N74646-10FCollected: 10-AUG-04 10:50 By: LB Received: 11-AUG-04 By: MP RW0804-CAMPEASON						
N74646-10F	SW846 6020	12-AUG-04 17:38	ND	12-AUG-04	JH	BEMS,TLMS
N74646-10F	SW846 6010B	13-AUG-04 01:28	ND	12-AUG-04	JH	AG,AL,AS,BA,CA,CD,CO,CR,CU, FE,K,MG,MN,NA,NI,PB,SB,SE, V,ZN
N74646-10F	SW846 7470A	13-AUG-04 09:59	WG	12-AUG-04	WG	HG
N74646-11FCollected: 10-AUG-04 17:05 By: LB Received: 11-AUG-04 By: MP RW0804-750-LITTLEMOUNTAIN						
N74646-11F	SW846 6020	12-AUG-04 17:45	ND	12-AUG-04	JH	BEMS,TLMS
N74646-11F	SW846 6010B	13-AUG-04 01:51	ND	12-AUG-04	JH	AG,AL,AS,BA,CA,CD,CO,CR,CU, FE,K,MG,MN,NA,NI,PB,SE,V,ZN
N74646-11F	SW846 7470A	13-AUG-04 10:00	WG	12-AUG-04	WG	HG
N74646-11F	SW846 6010B	17-AUG-04 09:01	ND	12-AUG-04	JH	SB
N74646-12FCollected: 10-AUG-04 15:30 By: LB Received: 11-AUG-04 By: MP RW0804-191-FALCONLANE						

Internal Sample Tracking Chronicle

ENSR Consulting & Engineering

Job No: N74646

Former Camp Butner, NC
Project No: 09090-068

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
N74646-12FSW846	6010B	12-AUG-04 19:22	ND	12-AUG-04	JH	AG,AS,BA,CA,CD,CO,CR,CU,FE,K,MG,MN,NA,NI,PB,SB,SE,V,ZN
N74646-12FSW846	7470A	13-AUG-04 10:04	WG	12-AUG-04	WG	HG
N74646-12FSW846	6020	16-AUG-04 14:57	ND	12-AUG-04	JH	BEMS,TLMS
N74646-12FSW846	6010B	17-AUG-04 17:08	JDM	12-AUG-04	JH	AL
N74646-13FCollected: 10-AUG-04 14:05 By: LB Received: 11-AUG-04 By: MP RW0804-4149-RANGERD						
N74646-13FSW846	6010B	12-AUG-04 19:30	ND	12-AUG-04	JH	AG,AS,BA,CA,CD,CO,CR,CU,FE,K,MG,MN,NA,NI,PB,SB,SE,V,ZN
N74646-13FSW846	7470A	13-AUG-04 10:05	WG	12-AUG-04	WG	HG
N74646-13FSW846	6020	16-AUG-04 15:05	ND	12-AUG-04	JH	BEMS,TLMS
N74646-13FSW846	6010B	17-AUG-04 17:32	JDM	12-AUG-04	JH	AL

GC/MS

GC/MS VOLATILE

ACCUTEST

GC/MS Analysis Case Narrative/Conformance/Non-Conformance Summary

Fraction Volatile

	NO	YES
1. Chromatograms Labeled/Compounds Identified *(Field Samples and Method Blanks)*		✓
2. GC/MS Tune Meet Criteria		✓
3. GC/MS Tuning Frequency – Performed every 24 hours for 600 series and 12 hours for 8000 series.		✓
4. GC/MS Calibration – Initial and Continuing Calibration Meet Method Requirements		✓
5. GC/MS Calibration Requirements		
a. Calibration Check Compounds		✓
b. System Performance Check Compounds		✓
6. Blank Contamination	✓	
If yes, the sample result is qualified with a "B".		
7. Surrogate Recoveries Meet Criteria		✓
If the requirement is not met, refer to the Surrogate Summary for comment.		
8. Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria		*✓
If the requirement is not met, refer to MS/MSD Summary for comment.		
9. Internal Standard Area/Retention Time Shift Meet Criteria		✓
If the requirement is not met, refer to the Internal Standard Summary for comment.		
10. Extraction Holding Time Met		NA
If the holding time is not met, refer to the Sample Result page for comment.		
11. Analysis Holding Time Met		✓
If the holding time is not met, refer to the Sample Result page for comment.		
12. Volatile Sample Preservation – pH should be < 2. *List any non-compliant samples below:*		

Additional Comments: * See footnote

QC Review Signature: [signature] Date: 8/26/04

Form: RG04
Rev. Date: 2/9/00

Volatile Surrogate Recovery Summary

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC

Method: SW846 8260B **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
N74646-1	D85563.D	99.0	93.0	97.0	101.0
N74646-2	D85568.D	98.0	91.0	98.0	100.0
N74646-3	D85569.D	98.0	92.0	97.0	101.0
N74646-4	D85570.D	99.0	94.0	97.0	102.0
N74646-5	D85571.D	99.0	94.0	97.0	102.0
N74646-6	D85572.D	99.0	96.0	98.0	102.0
N74646-7	D85573.D	101.0	97.0	98.0	103.0
N74646-8	D85574.D	100.0	98.0	98.0	102.0
N74646-9	D85575.D	101.0	99.0	98.0	102.0
N74646-10	D85576.D	101.0	99.0	98.0	102.0
N74646-11	D85577.D	102.0	101.0	98.0	102.0
N74646-12	D85578.D	102.0	100.0	99.0	101.0
N74646-13	D85579.D	102.0	101.0	98.0	102.0
N74646-1MS	D85565.D	98.0	92.0	99.0	99.0
N74646-1MSD	D85566.D	98.0	91.0	99.0	100.0
VD3413-BS	D85564.D	98.0	93.0	100.0	99.0
VD3413-MB1	D85562.D	97.0	91.0	97.0	101.0

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	79-119%
S2 = 1,2-Dichloroethane-D4	68-129%
S3 = Toluene-D8	83-118%
S4 = 4-Bromofluorobenzene	82-120%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
N74646-1MS	D85565.D	1	08/12/04	YL	n/a	n/a	VD3413
N74646-1MSD	D85566.D	1	08/12/04	YL	n/a	n/a	VD3413
N74646-1	D85563.D	1	08/12/04	YL	n/a	n/a	VD3413

The QC reported here applies to the following samples: **Method:** SW846 8260B

N74646-1, N74646-2, N74646-3, N74646-4, N74646-5, N74646-6, N74646-7, N74646-8, N74646-9, N74646-10, N74646-11, N74646-12, N74646-13

CAS No.	Compound	N74646-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		50	44.1	88	44.6	89	1	47-163/22
71-43-2	Benzene	ND		50	50.9	102	49.9	100	2	51-138/10
74-97-5	Bromochloromethane	ND		50	51.5	103	51.2	102	1	83-121/10
75-27-4	Bromodichloromethane	ND		50	49.8	100	48.4	97	3	80-128/10
75-25-2	Bromoform	ND		50	46.1	92	45.6	91	1	68-137/10
74-83-9	Bromomethane	ND		50	41.7	83	54.1	108	26* [a]	61-141/17
78-93-3	2-Butanone (MEK)	ND		50	51.0	102	50.7	101	1	55-149/22
75-15-0	Carbon disulfide	ND		50	49.2	98	47.0	94	5	59-128/14
56-23-5	Carbon tetrachloride	ND		50	48.6	97	47.3	95	3	71-143/13
108-90-7	Chlorobenzene	ND		50	50.0	100	49.7	99	1	78-120/10
75-00-3	Chloroethane	ND		50	51.1	102	49.3	99	4	67-139/16
67-66-3	Chloroform	ND		50	48.2	96	47.5	95	1	78-126/11
74-87-3	Chloromethane	ND		50	42.9	86	41.8	84	3	57-134/17
110-82-7	Cyclohexane	ND		50	53.7	107	54.3	109	1	54-144/15
96-12-8	1,2-Dibromo-3-chloropropane	ND		50	51.2	102	50.1	100	2	69-135/10
124-48-1	Dibromochloromethane	ND		50	53.0	106	52.1	104	2	79-127/10
106-93-4	1,2-Dibromoethane	ND		50	51.9	104	51.6	103	1	78-124/10
95-50-1	1,2-Dichlorobenzene	ND		50	50.3	101	50.0	100	1	77-117/10
541-73-1	1,3-Dichlorobenzene	ND		50	50.4	101	50.0	100	1	75-120/12
106-46-7	1,4-Dichlorobenzene	ND		50	49.9	100	49.4	99	1	74-117/11
75-71-8	Dichlorodifluoromethane	ND		50	44.9	90	43.6	87	3	54-154/21
75-34-3	1,1-Dichloroethane	ND		50	49.1	98	48.0	96	2	75-125/11
107-06-2	1,2-Dichloroethane	ND		50	46.1	92	45.5	91	1	63-142/12
75-35-4	1,1-Dichloroethene	ND		50	53.1	106	52.4	105	1	69-129/12
156-59-2	cis-1,2-Dichloroethene	ND		50	51.4	103	50.5	101	2	73-127/10
156-60-5	trans-1,2-Dichloroethene	ND		50	52.3	105	51.5	103	2	71-123/11
78-87-5	1,2-Dichloropropane	ND		50	50.0	100	49.6	99	1	81-120/10
10061-01-5	cis-1,3-Dichloropropene	ND		50	51.1	102	50.1	100	2	78-121/10
10061-02-6	trans-1,3-Dichloropropene	ND		50	50.2	100	49.5	99	1	77-128/11
100-41-4	Ethylbenzene	ND		50	51.4	103	50.6	101	2	51-142/11
76-13-1	Freon 113	ND		50	53.5	107	52.3	105	2	73-134/19
591-78-6	2-Hexanone	ND		50	52.3	105	51.4	103	2	64-145/13
98-82-8	Isopropylbenzene	ND		50	53.4	107	52.7	105	1	65-131/10
79-20-9	Methyl Acetate	ND		50	46.7	93	45.7	91	2	50-153/15
108-87-2	Methylcyclohexane	ND		50	55.9	112	54.6	109	2	63-142/16
1634-04-4	Methyl Tert Butyl Ether	ND		50	46.1	92	52.9	106	14* [a]	38-150/10

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
N74646-1MS	D85565.D	1	08/12/04	YL	n/a	n/a	VD3413
N74646-1MSD	D85566.D	1	08/12/04	YL	n/a	n/a	VD3413
N74646-1	D85563.D	1	08/12/04	YL	n/a	n/a	VD3413

The QC reported here applies to the following samples: **Method:** SW846 8260B

N74646-1, N74646-2, N74646-3, N74646-4, N74646-5, N74646-6, N74646-7, N74646-8, N74646-9, N74646-10, N74646-11, N74646-12, N74646-13

CAS No.	Compound	N74646-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		50	51.6	103	50.9	102	1	66-140/12
75-09-2	Methylene chloride	ND		50	49.7	99	49.1	98	1	73-126/10
100-42-5	Styrene	ND		50	55.3	111	54.8	110	1	79-130/10
79-34-5	1,1,2,2-Tetrachloroethane	ND		50	51.1	102	51.2	102	0	74-121/10
127-18-4	Tetrachloroethene	ND		50	49.9	100	49.4	99	1	70-128/12
108-88-3	Toluene	ND		50	50.2	100	49.4	99	2	49-147/10
87-61-6	1,2,3-Trichlorobenzene	ND		50	51.1	102	51.2	102	0	69-131/11
120-82-1	1,2,4-Trichlorobenzene	ND		50	52.2	104	52.2	104	0	74-127/10
71-55-6	1,1,1-Trichloroethane	ND		50	48.0	96	46.4	93	3	74-136/13
79-00-5	1,1,2-Trichloroethane	ND		50	49.7	99	49.3	99	1	83-121/10
79-01-6	Trichloroethene	ND		50	49.8	100	48.9	98	2	75-128/10
75-69-4	Trichlorofluoromethane	ND		50	45.9	92	45.3	91	1	66-158/17
75-01-4	Vinyl chloride	ND		50	45.2	90	44.2	88	2	60-141/16
	m,p-Xylene	ND		100	105	105	104	104	1	37-150/10
95-47-6	o-Xylene	ND		50	52.9	106	52.1	104	2	53-142/10
1330-20-7	Xylene (total)	ND		150	158	105	156	104	1	44-146/11

CAS No.	Surrogate Recoveries	MS	MSD	N74646-1	Limits
1868-53-7	Dibromofluoromethane	98%	98%	99%	79-119%
17060-07-0	1,2-Dichloroethane-D4	92%	91%	93%	68-129%
2037-26-5	Toluene-D8	99%	99%	97%	83-118%
460-00-4	4-Bromofluorobenzene	99%	100%	101%	82-120%

(a) Outside control limits due to matrix interference.

Blank Spike Summary

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VD3413-BS	D85564.D	1	08/12/04	YL	n/a	n/a	VD3413

The QC reported here applies to the following samples: **Method:** SW846 8260B

N74646-1, N74646-2, N74646-3, N74646-4, N74646-5, N74646-6, N74646-7, N74646-8, N74646-9, N74646-10, N74646-11, N74646-12, N74646-13

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	50	44.6	89	53-153
71-43-2	Benzene	50	51.1	102	77-119
74-97-5	Bromochloromethane	50	51.6	103	82-120
75-27-4	Bromodichloromethane	50	50.3	101	82-126
75-25-2	Bromoform	50	46.9	94	73-135
74-83-9	Bromomethane	50	58.2	116	61-138
78-93-3	2-Butanone (MEK)	50	51.2	102	58-142
75-15-0	Carbon disulfide	50	51.9	104	60-130
56-23-5	Carbon tetrachloride	50	48.9	98	72-140
108-90-7	Chlorobenzene	50	50.3	101	81-117
75-00-3	Chloroethane	50	53.6	107	69-135
67-66-3	Chloroform	50	48.5	97	80-122
74-87-3	Chloromethane	50	44.5	89	59-132
110-82-7	Cyclohexane	50	53.4	107	61-126
96-12-8	1,2-Dibromo-3-chloropropane	50	51.3	103	71-129
124-48-1	Dibromochloromethane	50	53.3	107	80-125
106-93-4	1,2-Dibromoethane	50	52.4	105	79-121
95-50-1	1,2-Dichlorobenzene	50	50.5	101	79-115
541-73-1	1,3-Dichlorobenzene	50	50.6	101	77-116
106-46-7	1,4-Dichlorobenzene	50	50.1	100	77-115
75-71-8	Dichlorodifluoromethane	50	46.2	92	51-159
75-34-3	1,1-Dichloroethane	50	49.8	100	78-121
107-06-2	1,2-Dichloroethane	50	47.2	94	66-137
75-35-4	1,1-Dichloroethene	50	53.3	107	73-124
156-59-2	cis-1,2-Dichloroethene	50	51.4	103	76-120
156-60-5	trans-1,2-Dichloroethene	50	52.4	105	73-119
78-87-5	1,2-Dichloropropane	50	51.0	102	82-117
10061-01-5	cis-1,3-Dichloropropene	50	52.0	104	81-120
10061-02-6	trans-1,3-Dichloropropene	50	51.6	103	81-125
100-41-4	Ethylbenzene	50	51.5	103	79-120
76-13-1	Freon 113	50	52.3	105	77-131
591-78-6	2-Hexanone	50	53.1	106	66-140
98-82-8	Isopropylbenzene	50	53.2	106	77-125
79-20-9	Methyl Acetate	50	48.4	97	53-155
108-87-2	Methylcyclohexane	50	54.9	110	73-128
1634-04-4	Methyl Tert Butyl Ether	50	45.3	91	75-123

Blank Spike Summary

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VD3413-BS	D85564.D	1	08/12/04	YL	n/a	n/a	VD3413

The QC reported here applies to the following samples: **Method:** SW846 8260B

N74646-1, N74646-2, N74646-3, N74646-4, N74646-5, N74646-6, N74646-7, N74646-8, N74646-9, N74646-10, N74646-11, N74646-12, N74646-13

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
108-10-1	4-Methyl-2-pentanone(MIBK)	50	53.0	106	70-134
75-09-2	Methylene chloride	50	50.1	100	75-122
100-42-5	Styrene	50	56.1	112	80-125
79-34-5	1,1,2,2-Tetrachloroethane	50	51.9	104	76-117
127-18-4	Tetrachloroethene	50	49.5	99	69-130
108-88-3	Toluene	50	50.7	101	81-120
87-61-6	1,2,3-Trichlorobenzene	50	49.8	100	70-126
120-82-1	1,2,4-Trichlorobenzene	50	52.7	105	75-124
71-55-6	1,1,1-Trichloroethane	50	47.8	96	77-132
79-00-5	1,1,2-Trichloroethane	50	50.5	101	85-117
79-01-6	Trichloroethene	50	49.6	99	83-119
75-69-4	Trichlorofluoromethane	50	47.2	94	72-155
75-01-4	Vinyl chloride	50	46.2	92	65-135
	m,p-Xylene	100	105	105	80-120
95-47-6	o-Xylene	50	53.2	106	80-120
1330-20-7	Xylene (total)	150	158	105	81-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	98%	79-119%
17060-07-0	1,2-Dichloroethane-D4	93%	68-129%
2037-26-5	Toluene-D8	100%	83-118%
460-00-4	4-Bromofluorobenzene	99%	82-120%

Method Blank Summary

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VD3413-MB1	D85562.D	1	08/12/04	YL	n/a	n/a	VD3413

The QC reported here applies to the following samples: **Method:** SW846 8260B

N74646-1, N74646-2, N74646-3, N74646-4, N74646-5, N74646-6, N74646-7, N74646-8, N74646-9, N74646-10, N74646-11, N74646-12, N74646-13

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.3	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.54	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.11	ug/l	
75-25-2	Bromoform	ND	4.0	0.17	ug/l	
74-83-9	Bromomethane	ND	2.0	0.15	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.5	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.23	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.15	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.23	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.081	ug/l	
74-87-3	Chloromethane	ND	1.0	0.13	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.17	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.47	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.18	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.29	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.62	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.13	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.81	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.24	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.17	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.11	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.071	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.080	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.35	ug/l	
591-78-6	2-Hexanone	ND	5.0	0.73	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	0.33	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.63	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.16	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.28	ug/l	

Method Blank Summary

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VD3413-MB1	D85562.D	1	08/12/04	YL	n/a	n/a	VD3413

The QC reported here applies to the following samples: **Method:** SW846 8260B

N74646-1, N74646-2, N74646-3, N74646-4, N74646-5, N74646-6, N74646-7, N74646-8, N74646-9, N74646-10, N74646-11, N74646-12, N74646-13

CAS No.	Compound	Result	RL	MDL	Units	Q
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.59	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
100-42-5	Styrene	ND	5.0	0.12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.14	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.37	ug/l	
108-88-3	Toluene	ND	1.0	0.14	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.17	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.61	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.17	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.13	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.67	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.66	ug/l	
	m,p-Xylene	ND	1.0	0.36	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	97%	79-119%
17060-07-0	1,2-Dichloroethane-D4	91%	68-129%
2037-26-5	Toluene-D8	97%	83-118%
460-00-4	4-Bromofluorobenzene	101%	82-120%

Instrument Performance Check (BFB)

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC

Sample: VD3408-BFB
Lab File ID: D85420.D
Instrument ID: GCMSD
Injection Date: 08/09/04
Injection Time: 18:27

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	52989	18.5		Pass
75	30.0 - 60.0% of mass 95	139240	48.6		Pass
95	Base peak, 100% relative abundance	286293	100.0		Pass
96	5.0 - 9.0% of mass 95	20061	7.0		Pass
173	Less than 2.0% of mass 174	478	0.17	(0.2) [a]	Pass
174	50.0 - 150.0% of mass 95	242581	84.7		Pass
175	5.0 - 9.0% of mass 174	17626	6.2	(7.3) [a]	Pass
176	95.0 - 101.0% of mass 174	235883	82.4	(97.2) [a]	Pass
177	5.0 - 9.0% of mass 176	15962	5.6	(6.8) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VD3408-IC3408	D85421.D	08/09/04	19:43	01:16	Initial cal 1
VD3408-IC3408	D85422.D	08/09/04	20:13	01:46	Initial cal 2
VD3408-IC3408	D85423.D	08/09/04	20:44	02:17	Initial cal 5
VD3408-IC3408	D85424.D	08/09/04	21:14	02:47	Initial cal 20
VD3408-ICC3408	D85425.D	08/09/04	21:44	03:17	Initial cal 50
VD3408-IC3408	D85426.D	08/09/04	22:14	03:47	Initial cal 200
VD3408-IC3408	D85427.D	08/09/04	22:44	04:17	Initial cal 100
VD3408-MB1	D85430.D	08/10/04	00:14	05:47	Method Blank
VD3408-BS	D85431.D	08/10/04	00:44	06:17	Blank Spike
N74212-1MS	D85432.D	08/10/04	01:14	06:47	Matrix Spike
N74212-1MSD	D85433.D	08/10/04	01:44	07:17	Matrix Spike Duplicate
N74212-1	D85434.D	08/10/04	02:14	07:47	(used for QC only; not part of job N74646)
ZZZZZZ	D85435.D	08/10/04	02:44	08:17	(unrelated sample)
ZZZZZZ	D85436.D	08/10/04	03:14	08:47	(unrelated sample)
ZZZZZZ	D85437.D	08/10/04	03:44	09:17	(unrelated sample)
ZZZZZZ	D85439.D	08/10/04	04:44	10:17	(unrelated sample)
ZZZZZZ	D85441.D	08/10/04	05:44	11:17	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC

Sample: VD3413-BFB
Lab File ID: D85559.D
Instrument ID: GCMSD
Injection Date: 08/12/04
Injection Time: 17:40

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	54333	16.3		Pass
75	30.0 - 60.0% of mass 95	149291	44.9		Pass
95	Base peak, 100% relative abundance	332651	100.0		Pass
96	5.0 - 9.0% of mass 95	22168	6.7		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 150.0% of mass 95	291691	87.7		Pass
175	5.0 - 9.0% of mass 174	21384	6.4	(7.3) [a]	Pass
176	95.0 - 101.0% of mass 174	281813	84.7	(96.6) [a]	Pass
177	5.0 - 9.0% of mass 176	18889	5.7	(6.7) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VD3413-CC3408	D85560.D	08/12/04	18:12	00:32	Continuing cal 50
VD3413-MB1	D85562.D	08/12/04	19:18	01:38	Method Blank
N74646-1	D85563.D	08/12/04	19:48	02:08	RW0804-658-LAKEVIEWDR
VD3413-BS	D85564.D	08/12/04	20:18	02:38	Blank Spike
N74646-1MS	D85565.D	08/12/04	20:49	03:09	Matrix Spike
N74646-1MSD	D85566.D	08/12/04	21:19	03:39	Matrix Spike Duplicate
N74646-2	D85568.D	08/12/04	22:19	04:39	RW0804-653-LAKEVIEWDR
N74646-3	D85569.D	08/12/04	22:50	05:10	RW0804-652-LAKEVIEWDR
N74646-4	D85570.D	08/12/04	23:20	05:40	RWB0804-3536-FLETCHERSWAY
N74646-5	D85571.D	08/12/04	23:50	06:10	RW0804-NCNG
N74646-6	D85572.D	08/13/04	00:20	06:40	RW0804-FIELDDUP1
N74646-7	D85573.D	08/13/04	00:50	07:10	TRIP BLANK
N74646-8	D85574.D	08/13/04	01:21	07:41	RW0804-CAMPBARHAM
N74646-9	D85575.D	08/13/04	01:51	08:11	RW0804-4051-RANGERD
N74646-10	D85576.D	08/13/04	02:21	08:41	RW0804-CAMPEASON
N74646-11	D85577.D	08/13/04	02:51	09:11	RW0804-750-LITTLEMOUNTAIN
N74646-12	D85578.D	08/13/04	03:21	09:41	RW0804-191-FALCONLANE
N74646-13	D85579.D	08/13/04	03:51	10:11	RW0804-4149-RANGERD

Volatile Internal Standard Area Summary

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC

Check Std:	VD3413-CC3408	**Injection Date:**	08/12/04
Lab File ID:	D85560.D	**Injection Time:**	18:12
Instrument ID:	GCMSD	**Method:**	SW846 8260B

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	181949	7.82	442328	10.09	638850	11.00	594991	14.33	351875	16.91
Upper Limit [a]	363898	8.32	884656	10.59	1277700	11.50	1189982	14.83	703750	17.41
Lower Limit [b]	90975	7.32	221164	9.59	319425	10.50	297496	13.83	175938	16.41

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
VD3413-MB1	172374	7.81	434077	10.09	629678	11.00	579048	14.34	339435	16.91
N74646-1	178239	7.82	430911	10.09	624183	11.00	573493	14.33	337705	16.91
VD3413-BS	185210	7.82	434368	10.09	628995	11.00	589505	14.33	352833	16.91
N74646-1MS	178000	7.82	448278	10.09	650163	11.00	603693	14.33	359983	16.91
N74646-1MSD	195110	7.81	452119	10.09	657987	11.00	609925	14.33	361907	16.92
N74646-2	166832	7.81	435792	10.09	622551	11.00	575469	14.33	341189	16.91
N74646-3	180280	7.81	437488	10.09	630302	11.00	578956	14.34	341755	16.91
N74646-4	173462	7.81	426678	10.09	619030	11.00	568311	14.34	333615	16.91
N74646-5	177257	7.82	427865	10.09	620773	11.00	569968	14.33	334207	16.92
N74646-6	176771	7.81	414980	10.09	604042	11.00	557563	14.33	327160	16.91
N74646-7	176327	7.82	413483	10.09	599275	11.00	556175	14.33	324394	16.92
N74646-8	172312	7.82	412908	10.09	600891	11.00	554161	14.33	324213	16.92
N74646-9	165204	7.81	404448	10.09	592670	11.00	543715	14.33	319810	16.91
N74646-10	166103	7.82	400121	10.09	585392	11.00	539307	14.33	315987	16.91
N74646-11	170033	7.82	396365	10.09	584894	11.00	537143	14.33	316527	16.91
N74646-12	160416	7.82	396640	10.09	577332	11.00	533157	14.33	316836	16.91
N74646-13	156256	7.82	389993	10.09	573958	11.00	530228	14.33	311312	16.91

IS 1 = Tert Butyl Alcohol-D9
IS 2 = Pentafluorobenzene
IS 3 = 1,4-Difluorobenzene
IS 4 = Chlorobenzene-D5
IS 5 = 1,4-Dichlorobenzene-d4

(a) Upper Limit = +100% of check standard area; Retention time +0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-658-LAKEVIEWDR		
Lab Sample ID:	N74646-1	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	D85563.D	1	08/12/04	YL	n/a	n/a	VD3413
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (OLM4.2)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.3	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.54	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.11	ug/l	
75-25-2	Bromoform	ND	4.0	0.17	ug/l	
74-83-9	Bromomethane	ND	2.0	0.15	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.5	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.23	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.15	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.23	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.081	ug/l	
74-87-3	Chloromethane	ND	1.0	0.13	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.17	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.47	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.18	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.29	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.62	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.13	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.81	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.24	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.17	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.11	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.071	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.080	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.35	ug/l	
591-78-6	2-Hexanone	ND	5.0	0.73	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-658-LAKEVIEWDR		
Lab Sample ID:	N74646-1	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

VOA TCL List (OLM4.2)

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.0	0.33	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.63	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.16	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.28	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.59	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
100-42-5	Styrene	ND	5.0	0.12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.14	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.37	ug/l	
108-88-3	Toluene	ND	1.0	0.14	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.17	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.61	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.17	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.13	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.67	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.66	ug/l	
	m,p-Xylene	ND	1.0	0.36	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		79-119%
17060-07-0	1,2-Dichloroethane-D4	93%		68-129%
2037-26-5	Toluene-D8	97%		83-118%
460-00-4	4-Bromofluorobenzene	101%		82-120%

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\D85563.D
Acq On : 12 Aug 2004 7:48 pm
Sample : N74646-1
Misc : MS2825,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:29 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Quant Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Initial Calibration
DataAcq Meth : MD3408

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.82	65	178239	500.00 ug/L	0.00
3) pentafluorobenzene	10.09	168	430911	50.00 ug/L	0.00
44) 1,4-difluorobenzene	11.00	114	624183	50.00 ug/L	0.00
73) chlorobenzene-d5	14.33	117	573493	50.00 ug/L	0.00
86) 1,4-dichlorobenzene-d4	16.91	152	337705	50.00 ug/L	0.00

System Monitoring Compounds

38) dibromofluoromethane (s)	10.10	113	182427	49.27 ug/L	0.00
Spiked Amount 50.000	Range 71 - 117		Recovery = 98.54%		
39) 1,2-dichloroethane-d4 (s)	10.53	65	200512	46.28 ug/L	0.00
Spiked Amount 50.000	Range 68 - 129		Recovery = 92.56%		
65) toluene-d8 (s)	12.71	98	719308	48.75 ug/L	0.00
Spiked Amount 50.000	Range 78 - 115		Recovery = 97.50%		
88) 4-bromofluorobenzene (s)	15.61	95	280188	50.42 ug/L	0.00
Spiked Amount 50.000	Range 73 - 127		Recovery = 100.84%		

Target Compounds Qvalue

K
8/12/04

217

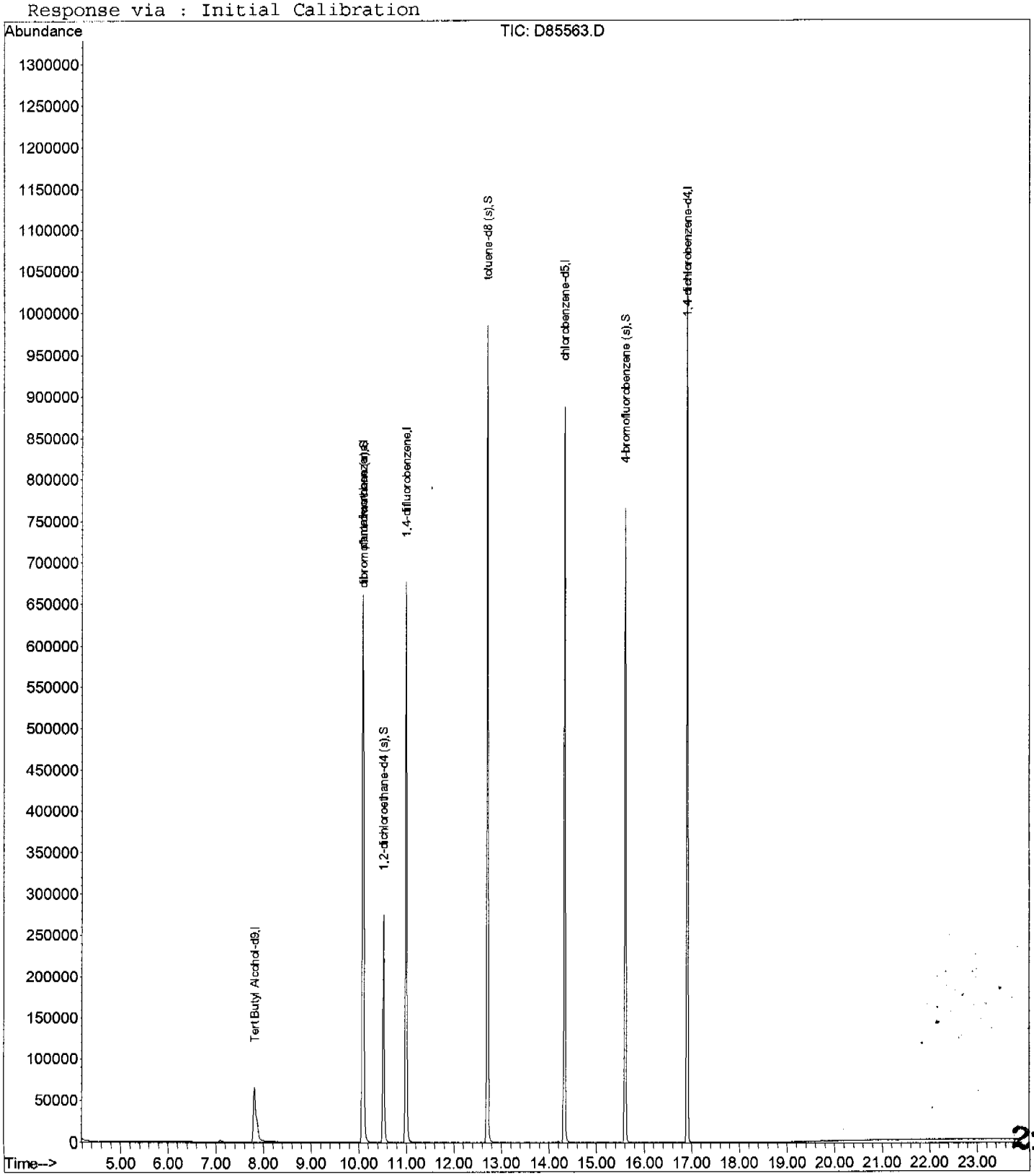
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\D85563.D
Acq On : 12 Aug 2004 7:48 pm
Sample : N74646-1
Misc : MS2825,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:29 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Fri Aug 13 08:01:25 2004
Response via : Initial Calibration



Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-653-LAKEVIEWDR		
Lab Sample ID:	N74646-2	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	D85568.D	1	08/12/04	YL	n/a	n/a	VD3413
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (OLM4.2)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.3	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.54	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.11	ug/l	
75-25-2	Bromoform	ND	4.0	0.17	ug/l	
74-83-9	Bromomethane	ND	2.0	0.15	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.5	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.23	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.15	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.23	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.081	ug/l	
74-87-3	Chloromethane	ND	1.0	0.13	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.17	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.47	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.18	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.29	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.62	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.13	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.81	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.24	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.17	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.11	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.071	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.080	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.35	ug/l	
591-78-6	2-Hexanone	ND	5.0	0.73	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-653-LAKEVIEWDR		
Lab Sample ID:	N74646-2	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

VOA TCL List (OLM4.2)

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.0	0.33	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.63	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.16	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.28	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.59	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
100-42-5	Styrene	ND	5.0	0.12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.14	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.37	ug/l	
108-88-3	Toluene	ND	1.0	0.14	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.17	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.61	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.17	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.13	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.67	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.66	ug/l	
	m,p-Xylene	ND	1.0	0.36	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		79-119%
17060-07-0	1,2-Dichloroethane-D4	91%		68-129%
2037-26-5	Toluene-D8	98%		83-118%
460-00-4	4-Bromofluorobenzene	100%		82-120%

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method bl
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\D85568.D
Acq On : 12 Aug 2004 10:19 pm
Sample : N74646-2
Misc : MS2825,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:37 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Quant Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Initial Calibration
DataAcq Meth : MD3408

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.81	65	166832	500.00 ug/L	0.00
3) pentafluorobenzene	10.09	168	435792	50.00 ug/L	0.00
44) 1,4-difluorobenzene	11.00	114	622551	50.00 ug/L	0.00
73) chlorobenzene-d5	14.33	117	575469	50.00 ug/L	0.00
86) 1,4-dichlorobenzene-d4	16.91	152	341189	50.00 ug/L	0.00

System Monitoring Compounds

38) dibromofluoromethane (s)	10.10	113	183985	49.13 ug/L	0.00
Spiked Amount 50.000	Range 71 - 117		Recovery = 98.26%		
39) 1,2-dichloroethane-d4 (s)	10.53	65	199870	45.61 ug/L	0.00
Spiked Amount 50.000	Range 68 - 129		Recovery = 91.22%		
65) toluene-d8 (s)	12.71	98	719445	48.88 ug/L	0.00
Spiked Amount 50.000	Range 78 - 115		Recovery = 97.76%		
88) 4-bromofluorobenzene (s)	15.61	95	280963	50.04 ug/L	0.00
Spiked Amount 50.000	Range 73 - 127		Recovery = 100.08%		

Target Compounds Qvalue

ll
8/13/04

221

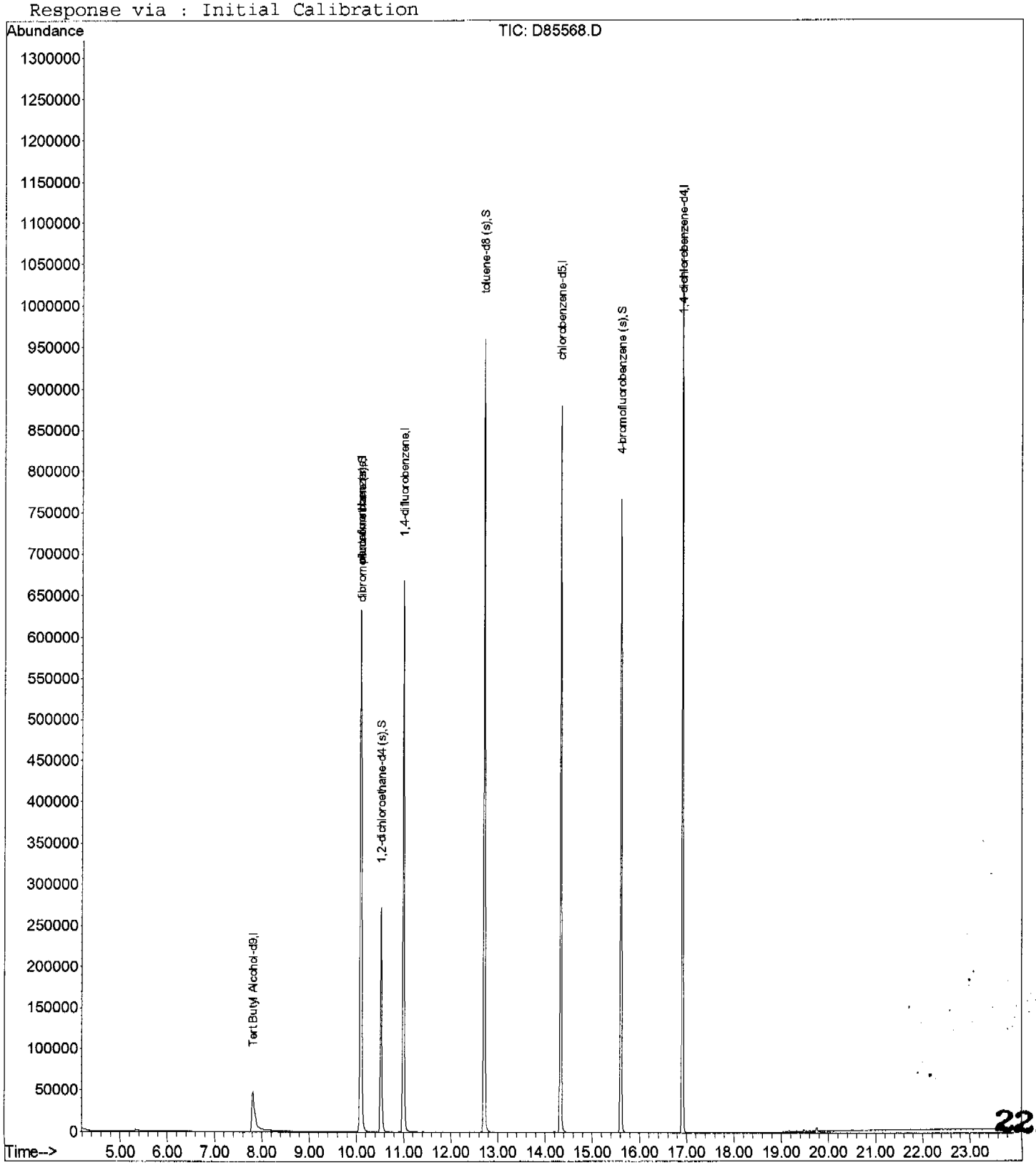
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\D85568.D
Acq On : 12 Aug 2004 10:19 pm
Sample : N74646-2
Misc : MS2825,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:37 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Fri Aug 13 08:01:25 2004
Response via : Initial Calibration



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Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-652-LAKEVIEWDR		
Lab Sample ID:	N74646-3	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	D85569.D	1	08/12/04	YL	n/a	n/a	VD3413
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (OLM4.2)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.3	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.54	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.11	ug/l	
75-25-2	Bromoform	ND	4.0	0.17	ug/l	
74-83-9	Bromomethane	ND	2.0	0.15	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.5	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.23	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.15	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.23	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.081	ug/l	
74-87-3	Chloromethane	ND	1.0	0.13	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.17	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.47	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.18	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.29	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.62	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.13	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.81	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.24	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.17	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.11	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.071	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.080	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.35	ug/l	
591-78-6	2-Hexanone	ND	5.0	0.73	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-652-LAKEVIEWDR		
Lab Sample ID:	N74646-3	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

VOA TCL List (OLM4.2)

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.0	0.33	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.63	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.16	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.28	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.59	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
100-42-5	Styrene	ND	5.0	0.12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.14	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.37	ug/l	
108-88-3	Toluene	ND	1.0	0.14	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.17	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.61	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.17	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.13	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.67	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.66	ug/l	
	m,p-Xylene	ND	1.0	0.36	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		79-119%
17060-07-0	1,2-Dichloroethane-D4	92%		68-129%
2037-26-5	Toluene-D8	97%		83-118%
460-00-4	4-Bromofluorobenzene	101%		82-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\D85569.D
Acq On : 12 Aug 2004 10:50 pm
Sample : N74646-3
Misc : MS2825,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:38 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Quant Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Initial Calibration
DataAcq Meth : MD3408

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.81	65	180280	500.00 ug/L	0.00
3) pentafluorobenzene	10.09	168	437488	50.00 ug/L	0.00
44) 1,4-difluorobenzene	11.00	114	630302	50.00 ug/L	0.00
73) chlorobenzene-d5	14.34	117	578956	50.00 ug/L	0.00
86) 1,4-dichlorobenzene-d4	16.91	152	341755	50.00 ug/L	0.00

System Monitoring Compounds

38) dibromofluoromethane (s)	10.10	113	183397	48.79 ug/L	0.00
Spiked Amount 50.000	Range 71 - 117		Recovery = 97.58%		
39) 1,2-dichloroethane-d4 (s)	10.53	65	202171	45.96 ug/L	0.00
Spiked Amount 50.000	Range 68 - 129		Recovery = 91.92%		
65) toluene-d8 (s)	12.71	98	725857	48.71 ug/L	0.00
Spiked Amount 50.000	Range 78 - 115		Recovery = 97.42%		
88) 4-bromofluorobenzene (s)	15.61	95	283570	50.42 ug/L	0.00
Spiked Amount 50.000	Range 73 - 127		Recovery = 100.84%		

Target Compounds Qvalue

K
8/13/04

225

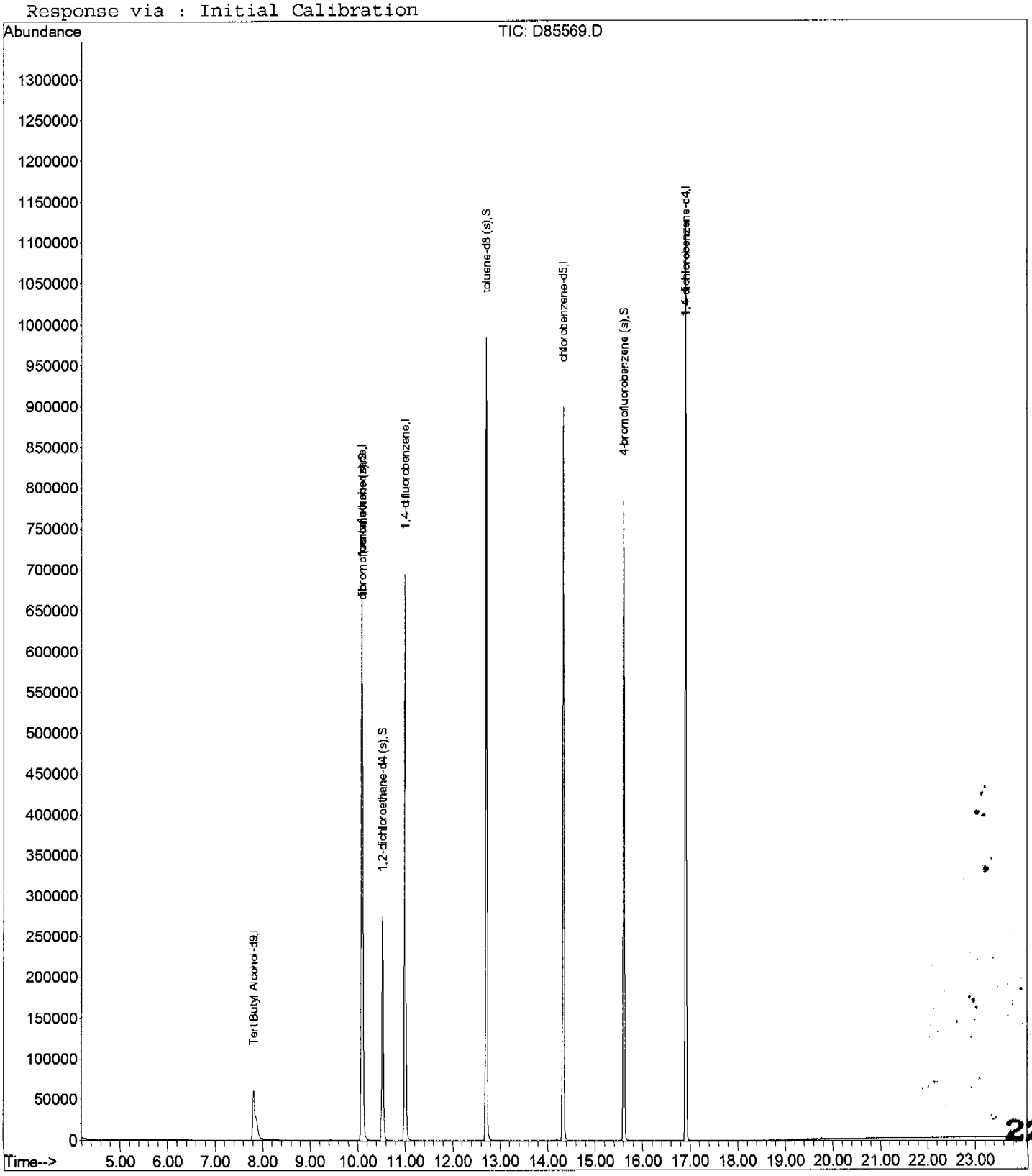
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\D85569.D
Acq On : 12 Aug 2004 10:50 pm
Sample : N74646-3
Misc : MS2825,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:38 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Fri Aug 13 08:01:25 2004
Response via : Initial Calibration



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Accutest Laboratories

Report of Analysis

Client Sample ID:	RWB0804-3536-FLETCHERSWAY		
Lab Sample ID:	N74646-4	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	D85570.D	1	08/12/04	YL	n/a	n/a	VD3413
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (OLM4.2)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.3	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.54	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.11	ug/l	
75-25-2	Bromoform	ND	4.0	0.17	ug/l	
74-83-9	Bromomethane	ND	2.0	0.15	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.5	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.23	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.15	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.23	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.081	ug/l	
74-87-3	Chloromethane	ND	1.0	0.13	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.17	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.47	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.18	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.29	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.62	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.13	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.81	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.24	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.17	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.11	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.071	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.080	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.35	ug/l	
591-78-6	2-Hexanone	ND	5.0	0.73	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RWB0804-3536-FLETCHERSWAY		
Lab Sample ID:	N74646-4	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

VOA TCL List (OLM4.2)

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.0	0.33	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.63	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.16	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.28	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.59	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
100-42-5	Styrene	ND	5.0	0.12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.14	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.37	ug/l	
108-88-3	Toluene	ND	1.0	0.14	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.17	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.61	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.17	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.13	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.67	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.66	ug/l	
	m,p-Xylene	ND	1.0	0.36	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		79-119%
17060-07-0	1,2-Dichloroethane-D4	94%		68-129%
2037-26-5	Toluene-D8	97%		83-118%
460-00-4	4-Bromofluorobenzene	102%		82-120%

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\D85570.D
Acq On : 12 Aug 2004 11:20 pm
Sample : N74646-4
Misc : MS2825,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:39 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00

Quant Results File: MD3408.RES

Quant Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Initial Calibration
DataAcq Meth : MD3408

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.81	65	173462	500.00 ug/L	0.00
3) pentafluorobenzene	10.09	168	426678	50.00 ug/L	0.00
44) 1,4-difluorobenzene	11.00	114	619030	50.00 ug/L	0.00
73) chlorobenzene-d5	14.34	117	568311	50.00 ug/L	0.00
86) 1,4-dichlorobenzene-d4	16.91	152	333615	50.00 ug/L	0.00

System Monitoring Compounds

38) dibromofluoromethane (s)	10.10	113	181026	49.38 ug/L	0.00
Spiked Amount 50.000	Range 71 - 117		Recovery = 98.76%		
39) 1,2-dichloroethane-d4 (s)	10.53	65	201050	46.86 ug/L	0.00
Spiked Amount 50.000	Range 68 - 129		Recovery = 93.72%		
65) toluene-d8 (s)	12.71	98	711811	48.64 ug/L	0.00
Spiked Amount 50.000	Range 78 - 115		Recovery = 97.28%		
88) 4-bromofluorobenzene (s)	15.61	95	278975	50.81 ug/L	0.00
Spiked Amount 50.000	Range 73 - 127		Recovery = 101.62%		

Target Compounds Qvalue

YC
8/13/04

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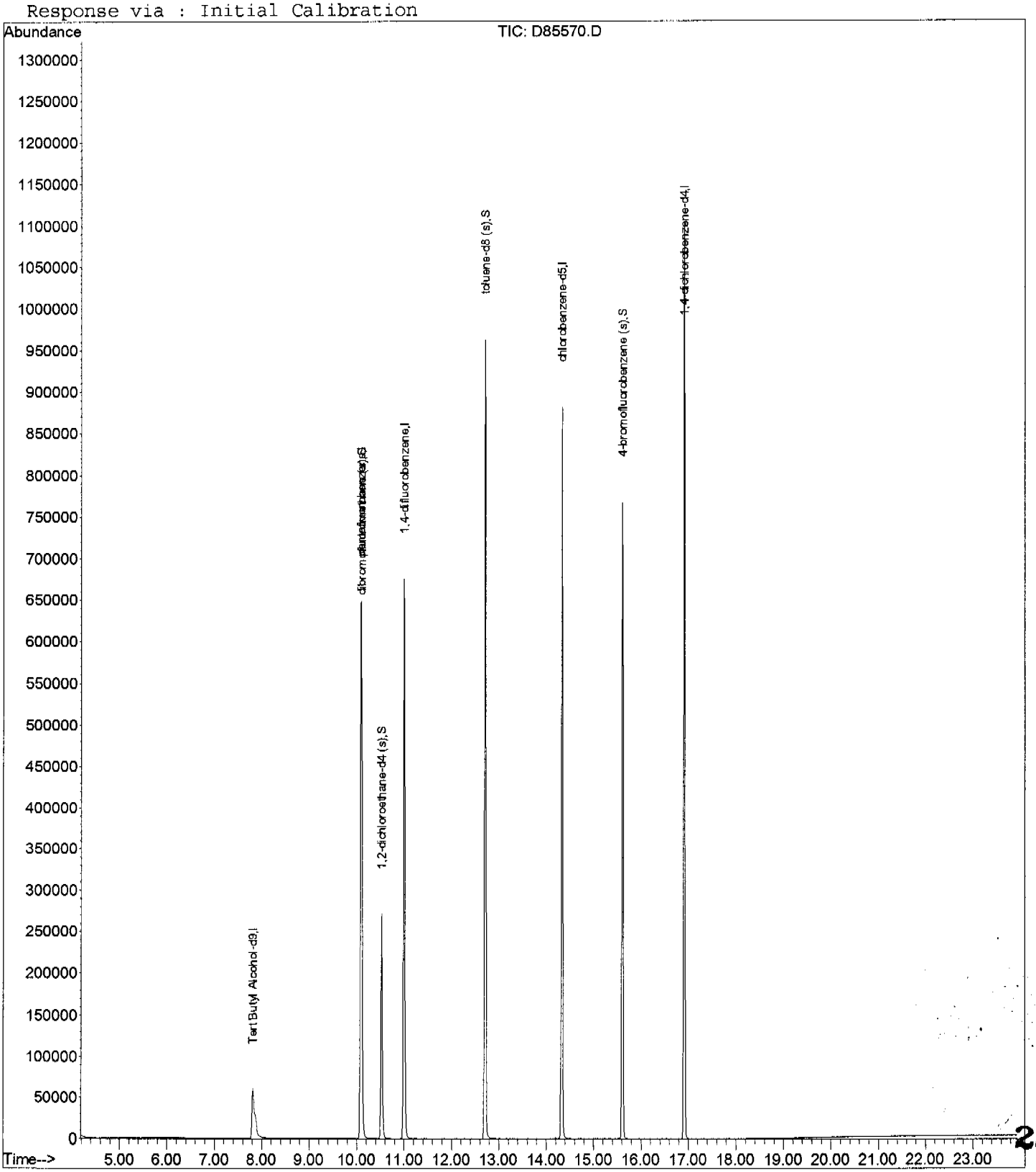
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\D85570.D
Acq On : 12 Aug 2004 11:20 pm
Sample : N74646-4
Misc : MS2825,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:39 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Fri Aug 13 08:01:25 2004
Response via : Initial Calibration



Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-NCNG		
Lab Sample ID:	N74646-5	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	D85571.D	1	08/12/04	YL	n/a	n/a	VD3413
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (OLM4.2)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.3	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.54	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.11	ug/l	
75-25-2	Bromoform	ND	4.0	0.17	ug/l	
74-83-9	Bromomethane	ND	2.0	0.15	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.5	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.23	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.15	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.23	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.081	ug/l	
74-87-3	Chloromethane	ND	1.0	0.13	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.17	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.47	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.18	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.29	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.62	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.13	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.81	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.24	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.17	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.11	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.071	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.080	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.35	ug/l	
591-78-6	2-Hexanone	ND	5.0	0.73	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-NCNG		
Lab Sample ID:	N74646-5	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

VOA TCL List (OLM4.2)

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.0	0.33	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.63	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.16	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.28	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.59	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
100-42-5	Styrene	ND	5.0	0.12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.14	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.37	ug/l	
108-88-3	Toluene	ND	1.0	0.14	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.17	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.61	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.17	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.13	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.67	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.66	ug/l	
	m,p-Xylene	ND	1.0	0.36	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		79-119%
17060-07-0	1,2-Dichloroethane-D4	94%		68-129%
2037-26-5	Toluene-D8	97%		83-118%
460-00-4	4-Bromofluorobenzene	102%		82-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\D85571.D
Acq On : 12 Aug 2004 11:50 pm
Sample : N74646-5
Misc : MS2825,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:40 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Quant Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Initial Calibration
DataAcq Meth : MD3408

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.82	65	177257	500.00 ug/L	0.00
3) pentafluorobenzene	10.09	168	427865	50.00 ug/L	0.00
44) 1,4-difluorobenzene	11.00	114	620773	50.00 ug/L	0.00
73) chlorobenzene-d5	14.33	117	569968	50.00 ug/L	0.00
86) 1,4-dichlorobenzene-d4	16.92	152	334207	50.00 ug/L	0.00

System Monitoring Compounds

38) dibromofluoromethane (s)	10.10	113	181214	49.29 ug/L	0.00
Spiked Amount 50.000	Range 71 - 117		Recovery = 98.58%		
39) 1,2-dichloroethane-d4 (s)	10.53	65	202555	47.08 ug/L	0.00
Spiked Amount 50.000	Range 68 - 129		Recovery = 94.16%		
65) toluene-d8 (s)	12.71	98	712424	48.55 ug/L	0.00
Spiked Amount 50.000	Range 78 - 115		Recovery = 97.10%		
88) 4-bromofluorobenzene (s)	15.61	95	279333	50.79 ug/L	0.00
Spiked Amount 50.000	Range 73 - 127		Recovery = 101.58%		

Target Compounds Qvalue

ll
8/13/04

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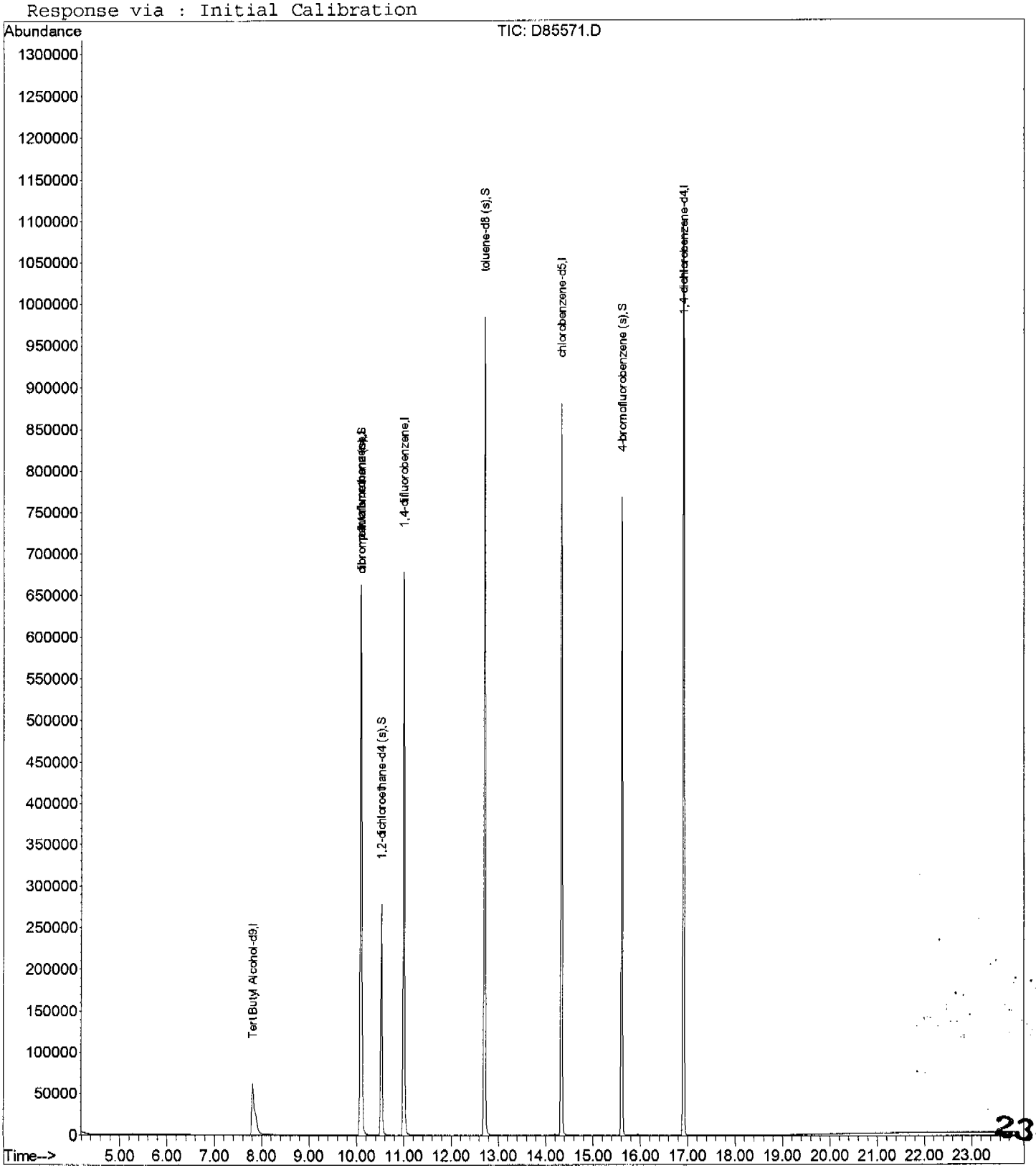
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\D85571.D
Acq On : 12 Aug 2004 11:50 pm
Sample : N74646-5
Misc : MS2825,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:40 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Fri Aug 13 08:01:25 2004
Response via : Initial Calibration



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Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-FIELDDUP1		
Lab Sample ID:	N74646-6	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	D85572.D	1	08/13/04	YL	n/a	n/a	VD3413
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (OLM4.2)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.3	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.54	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.11	ug/l	
75-25-2	Bromoform	ND	4.0	0.17	ug/l	
74-83-9	Bromomethane	ND	2.0	0.15	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.5	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.23	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.15	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.23	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.081	ug/l	
74-87-3	Chloromethane	ND	1.0	0.13	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.17	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.47	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.18	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.29	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.62	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.13	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.81	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.24	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.17	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.11	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.071	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.080	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.35	ug/l	
591-78-6	2-Hexanone	ND	5.0	0.73	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-FIELDDUP1		
Lab Sample ID:	N74646-6	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

VOA TCL List (OLM4.2)

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.0	0.33	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.63	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.16	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.28	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.59	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
100-42-5	Styrene	ND	5.0	0.12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.14	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.37	ug/l	
108-88-3	Toluene	ND	1.0	0.14	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.17	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.61	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.17	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.13	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.67	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.66	ug/l	
	m,p-Xylene	ND	1.0	0.36	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		79-119%
17060-07-0	1,2-Dichloroethane-D4	96%		68-129%
2037-26-5	Toluene-D8	98%		83-118%
460-00-4	4-Bromofluorobenzene	102%		82-120%

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\D85572.D
Acq On : 13 Aug 2004 12:20 am
Sample : N74646-6
Misc : MS2825,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:41 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Quant Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Initial Calibration
DataAcq Meth : MD3408

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.81	65	176771	500.00 ug/L	0.00
3) pentafluorobenzene	10.09	168	414980	50.00 ug/L	0.00
44) 1,4-difluorobenzene	11.00	114	604042	50.00 ug/L	0.00
73) chlorobenzene-d5	14.33	117	557563	50.00 ug/L	0.00
86) 1,4-dichlorobenzene-d4	16.91	152	327160	50.00 ug/L	0.00

System Monitoring Compounds

38) dibromofluoromethane (s)	10.10	113	177322	49.73 ug/L	0.00
Spiked Amount 50.000	Range 71 - 117		Recovery = 99.46%		
39) 1,2-dichloroethane-d4 (s)	10.53	65	201080	48.19 ug/L	0.00
Spiked Amount 50.000	Range 68 - 129		Recovery = 96.38%		
65) toluene-d8 (s)	12.71	98	699256	48.97 ug/L	0.00
Spiked Amount 50.000	Range 78 - 115		Recovery = 97.94%		
88) 4-bromofluorobenzene (s)	15.61	95	273801	50.85 ug/L	0.00
Spiked Amount 50.000	Range 73 - 127		Recovery = 101.70%		

Target Compounds Qvalue

K
8/13/04

237

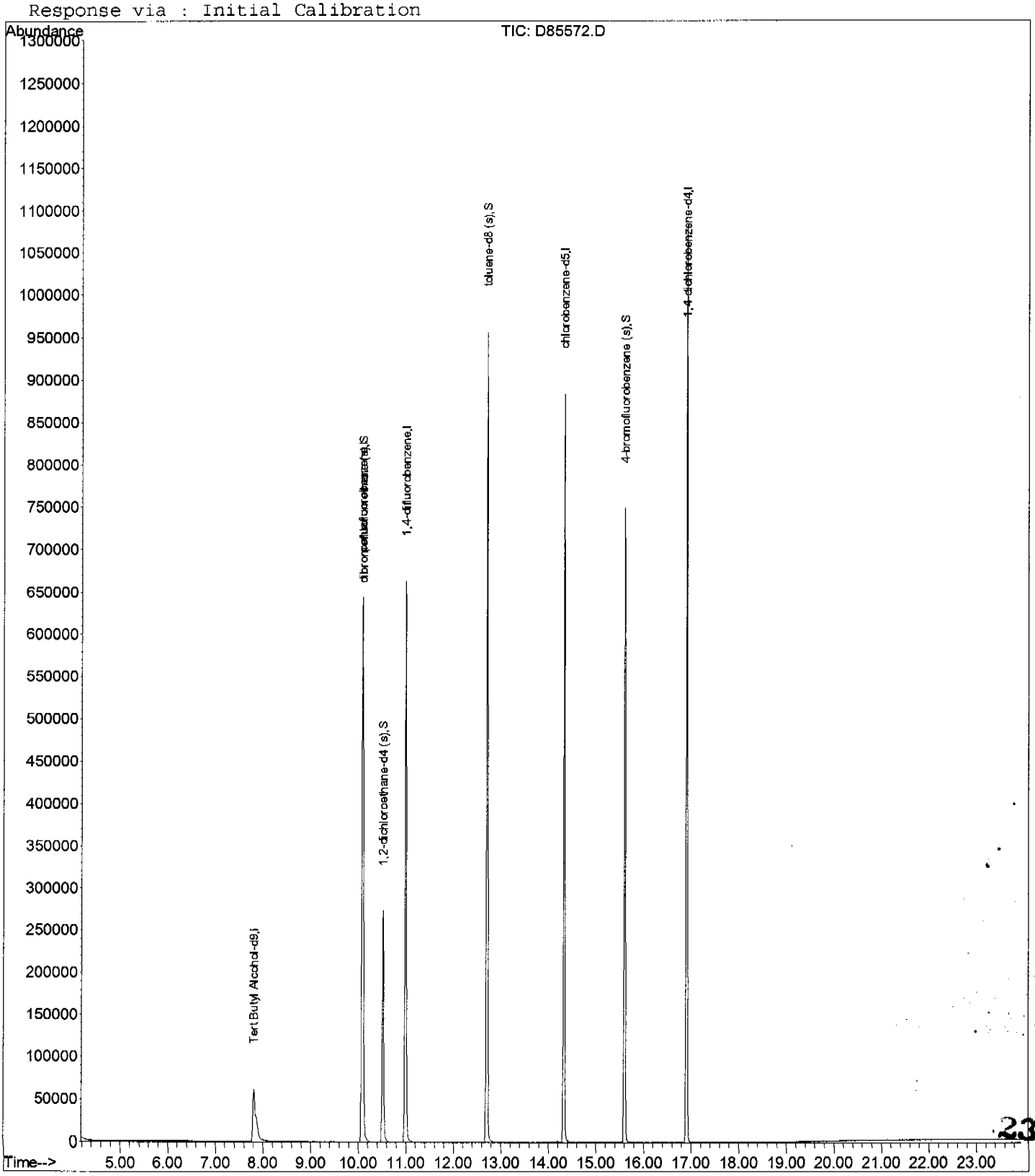
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\D85572.D
Acq On : 13 Aug 2004 12:20 am
Sample : N74646-6
Misc : MS2825,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:41 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Fri Aug 13 08:01:25 2004
Response via : Initial Calibration



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Accutest Laboratories

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	N74646-7	**Date Sampled:**	08/09/04
Matrix:	AQ - Trip Blank Water	**Date Received:**	08/10/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	D85573.D	1	08/13/04	YL	n/a	n/a	VD3413
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (OLM4.2)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.3	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.54	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.11	ug/l	
75-25-2	Bromoform	ND	4.0	0.17	ug/l	
74-83-9	Bromomethane	ND	2.0	0.15	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.5	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.23	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.15	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.23	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.081	ug/l	
74-87-3	Chloromethane	ND	1.0	0.13	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.17	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.47	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.18	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.29	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.62	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.13	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.81	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.24	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.17	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.11	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.071	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.080	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.35	ug/l	
591-78-6	2-Hexanone	ND	5.0	0.73	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	N74646-7	**Date Sampled:**	08/09/04
Matrix:	AQ - Trip Blank Water	**Date Received:**	08/10/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

VOA TCL List (OLM4.2)

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.0	0.33	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.63	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.16	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.28	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.59	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
100-42-5	Styrene	ND	5.0	0.12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.14	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.37	ug/l	
108-88-3	Toluene	ND	1.0	0.14	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.17	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.61	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.17	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.13	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.67	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.66	ug/l	
	m,p-Xylene	ND	1.0	0.36	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		79-119%
17060-07-0	1,2-Dichloroethane-D4	97%		68-129%
2037-26-5	Toluene-D8	98%		83-118%
460-00-4	4-Bromofluorobenzene	103%		82-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\D85573.D
Acq On : 13 Aug 2004 12:50 am
Sample : N74646-7
Misc : MS2825,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:43 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Quant Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Initial Calibration
DataAcq Meth : MD3408

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.82	65	176327	500.00 ug/L	0.00
3) pentafluorobenzene	10.09	168	413483	50.00 ug/L	0.00
44) 1,4-difluorobenzene	11.00	114	599275	50.00 ug/L	0.00
73) chlorobenzene-d5	14.33	117	556175	50.00 ug/L	0.00
86) 1,4-dichlorobenzene-d4	16.92	152	324394	50.00 ug/L	0.00

System Monitoring Compounds

38) dibromofluoromethane (s)	10.10	113	179324	50.47 ug/L	0.00
Spiked Amount 50.000	Range 71 - 117		Recovery = 100.94%		
39) 1,2-dichloroethane-d4 (s)	10.53	65	202132	48.62 ug/L	0.00
Spiked Amount 50.000	Range 68 - 129		Recovery = 97.24%		
65) toluene-d8 (s)	12.71	98	696370	49.15 ug/L	0.00
Spiked Amount 50.000	Range 78 - 115		Recovery = 98.30%		
88) 4-bromofluorobenzene (s)	15.61	95	273712	51.27 ug/L	0.00
Spiked Amount 50.000	Range 73 - 127		Recovery = 102.54%		

Target Compounds Qvalue

YC
8/13/04

241

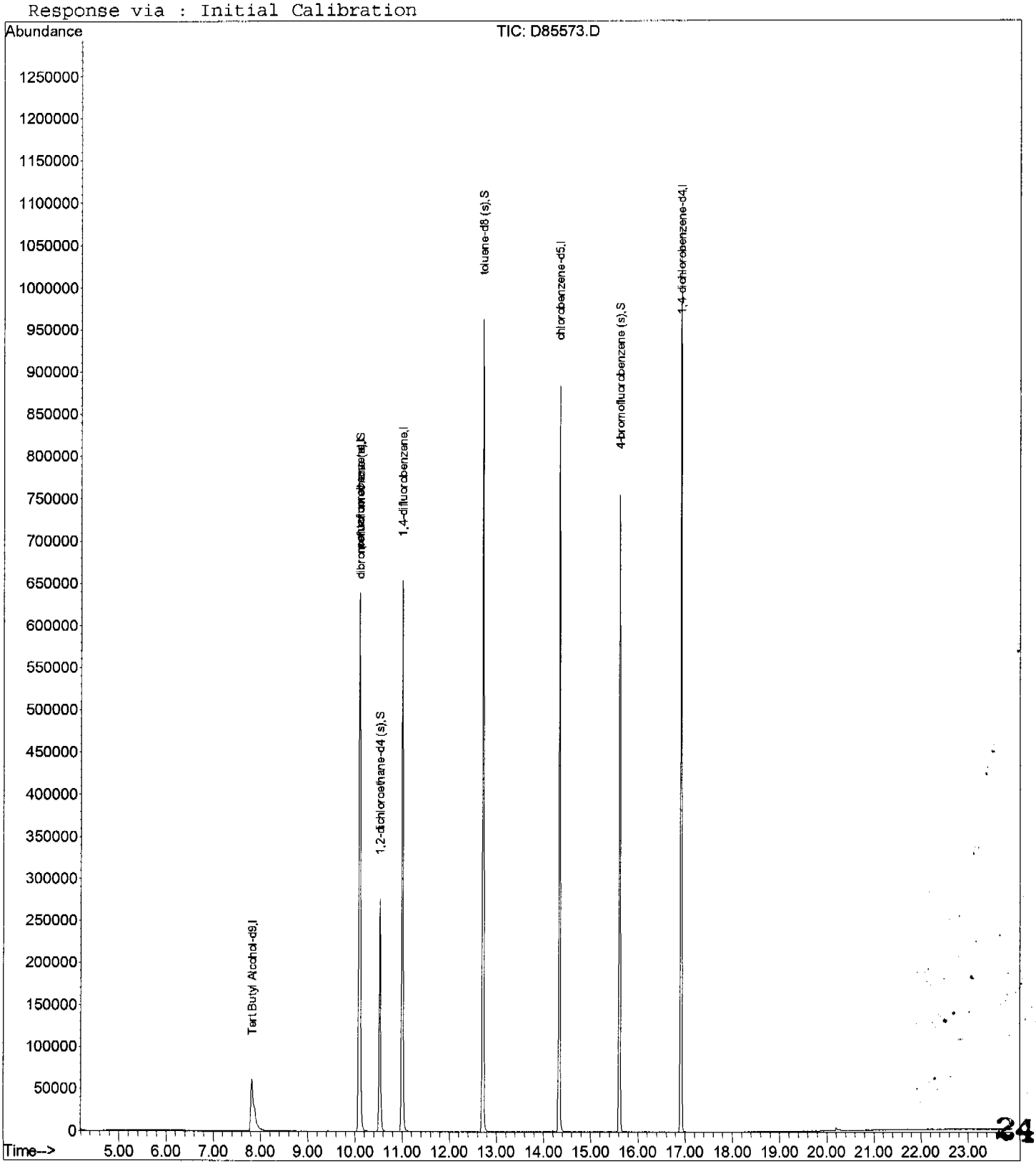
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\D85573.D
Acq On : 13 Aug 2004 12:50 am
Sample : N74646-7
Misc : MS2825,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:43 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Fri Aug 13 08:01:25 2004
Response via : Initial Calibration



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Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-CAMPBARHAM		
Lab Sample ID:	N74646-8	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	D85574.D	1	08/13/04	YL	n/a	n/a	VD3413
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (OLM4.2)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.3	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.54	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.11	ug/l	
75-25-2	Bromoform	ND	4.0	0.17	ug/l	
74-83-9	Bromomethane	ND	2.0	0.15	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.5	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.23	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.15	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.23	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.081	ug/l	
74-87-3	Chloromethane	ND	1.0	0.13	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.17	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.47	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.18	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.29	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.62	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.13	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.81	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.24	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.17	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.11	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.071	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.080	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.35	ug/l	
591-78-6	2-Hexanone	ND	5.0	0.73	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-CAMPBARHAM		
Lab Sample ID:	N74646-8	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

VOA TCL List (OLM4.2)

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.0	0.33	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.63	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.16	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.28	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.59	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
100-42-5	Styrene	ND	5.0	0.12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.14	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.37	ug/l	
108-88-3	Toluene	ND	1.0	0.14	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.17	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.61	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.17	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.13	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.67	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.66	ug/l	
	m,p-Xylene	ND	1.0	0.36	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		79-119%
17060-07-0	1,2-Dichloroethane-D4	98%		68-129%
2037-26-5	Toluene-D8	98%		83-118%
460-00-4	4-Bromofluorobenzene	102%		82-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\D85574.D
Acq On : 13 Aug 2004 1:21 am
Sample : N74646-8
Misc : MS2825,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:44 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Quant Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Initial Calibration
DataAcq Meth : MD3408

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.82	65	172312	500.00 ug/L	0.00
3) pentafluorobenzene	10.09	168	412908	50.00 ug/L	0.00
44) 1,4-difluorobenzene	11.00	114	600891	50.00 ug/L	0.00
73) chlorobenzene-d5	14.33	117	554161	50.00 ug/L	0.00
86) 1,4-dichlorobenzene-d4	16.92	152	324213	50.00 ug/L	0.00

System Monitoring Compounds

38) dibromofluoromethane (s)	10.10	113	177868	50.13 ug/L	0.00
Spiked Amount 50.000	Range 71 - 117		Recovery = 100.26%		
39) 1,2-dichloroethane-d4 (s)	10.53	65	202648	48.81 ug/L	0.00
Spiked Amount 50.000	Range 68 - 129		Recovery = 97.62%		
65) toluene-d8 (s)	12.71	98	696781	49.05 ug/L	0.00
Spiked Amount 50.000	Range 78 - 115		Recovery = 98.10%		
88) 4-bromofluorobenzene (s)	15.61	95	272641	51.10 ug/L	0.00
Spiked Amount 50.000	Range 73 - 127		Recovery = 102.20%		

Target Compounds

Qvalue

8/13/04

245

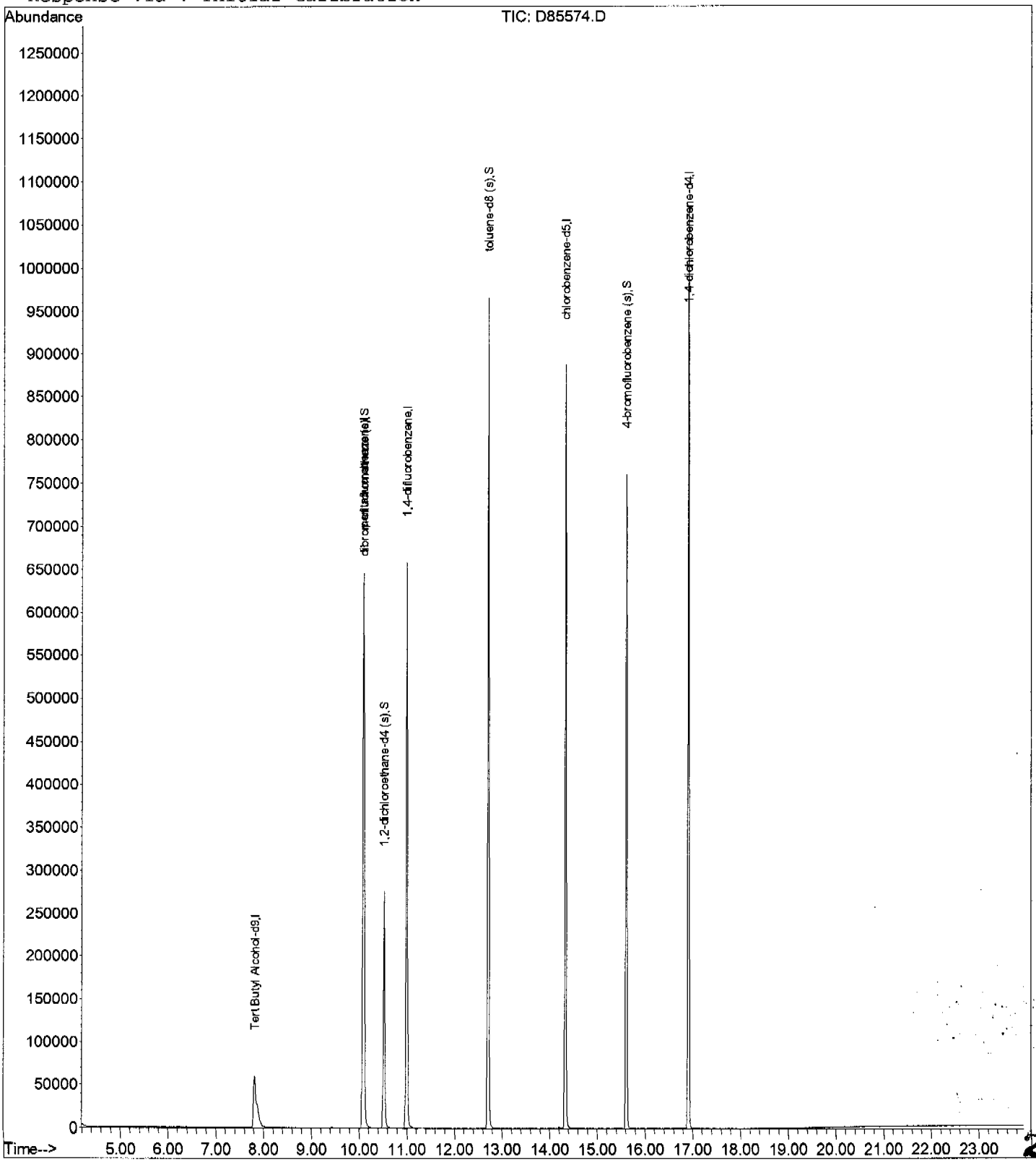
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\D85574.D
Acq On : 13 Aug 2004 1:21 am
Sample : N74646-8
Misc : MS2825,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:44 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Fri Aug 13 08:01:25 2004
Response via : Initial Calibration



Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-4051-RANGERD		
Lab Sample ID:	N74646-9	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	D85575.D	1	08/13/04	YL	n/a	n/a	VD3413
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (OLM4.2)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.3	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.54	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.11	ug/l	
75-25-2	Bromoform	ND	4.0	0.17	ug/l	
74-83-9	Bromomethane	ND	2.0	0.15	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.5	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.23	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.15	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.23	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.081	ug/l	
74-87-3	Chloromethane	ND	1.0	0.13	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.17	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.47	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.18	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.29	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.62	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.13	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.81	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.24	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.17	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.11	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.071	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.080	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.35	ug/l	
591-78-6	2-Hexanone	ND	5.0	0.73	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-4051-RANGERD		
Lab Sample ID:	N74646-9	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

VOA TCL List (OLM4.2)

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.0	0.33	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.63	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.16	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.28	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.59	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
100-42-5	Styrene	ND	5.0	0.12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.14	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.37	ug/l	
108-88-3	Toluene	ND	1.0	0.14	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.17	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.61	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.17	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.13	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.67	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.66	ug/l	
	m,p-Xylene	ND	1.0	0.36	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		79-119%
17060-07-0	1,2-Dichloroethane-D4	99%		68-129%
2037-26-5	Toluene-D8	98%		83-118%
460-00-4	4-Bromofluorobenzene	102%		82-120%

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\D85575.D
Acq On : 13 Aug 2004 1:51 am
Sample : N74646-9
Misc : MS2825,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:44 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Quant Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Initial Calibration
DataAcq Meth : MD3408

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.81	65	165204	500.00 ug/L	0.00
3) pentafluorobenzene	10.09	168	404448	50.00 ug/L	0.00
44) 1,4-difluorobenzene	11.00	114	592670	50.00 ug/L	0.00
73) chlorobenzene-d5	14.33	117	543715	50.00 ug/L	0.00
86) 1,4-dichlorobenzene-d4	16.91	152	319810	50.00 ug/L	0.00

System Monitoring Compounds

38) dibromofluoromethane (s)	10.10	113	175171	50.41 ug/L	0.00
Spiked Amount 50.000	Range 71 - 117		Recovery = 100.82%		
39) 1,2-dichloroethane-d4 (s)	10.53	65	201223	49.48 ug/L	0.00
Spiked Amount 50.000	Range 68 - 129		Recovery = 98.96%		
65) toluene-d8 (s)	12.71	98	685895	48.95 ug/L	0.00
Spiked Amount 50.000	Range 78 - 115		Recovery = 97.90%		
88) 4-bromofluorobenzene (s)	15.61	95	268323	50.98 ug/L	0.00
Spiked Amount 50.000	Range 73 - 127		Recovery = 101.96%		

Target Compounds Qvalue

N
8/12/04

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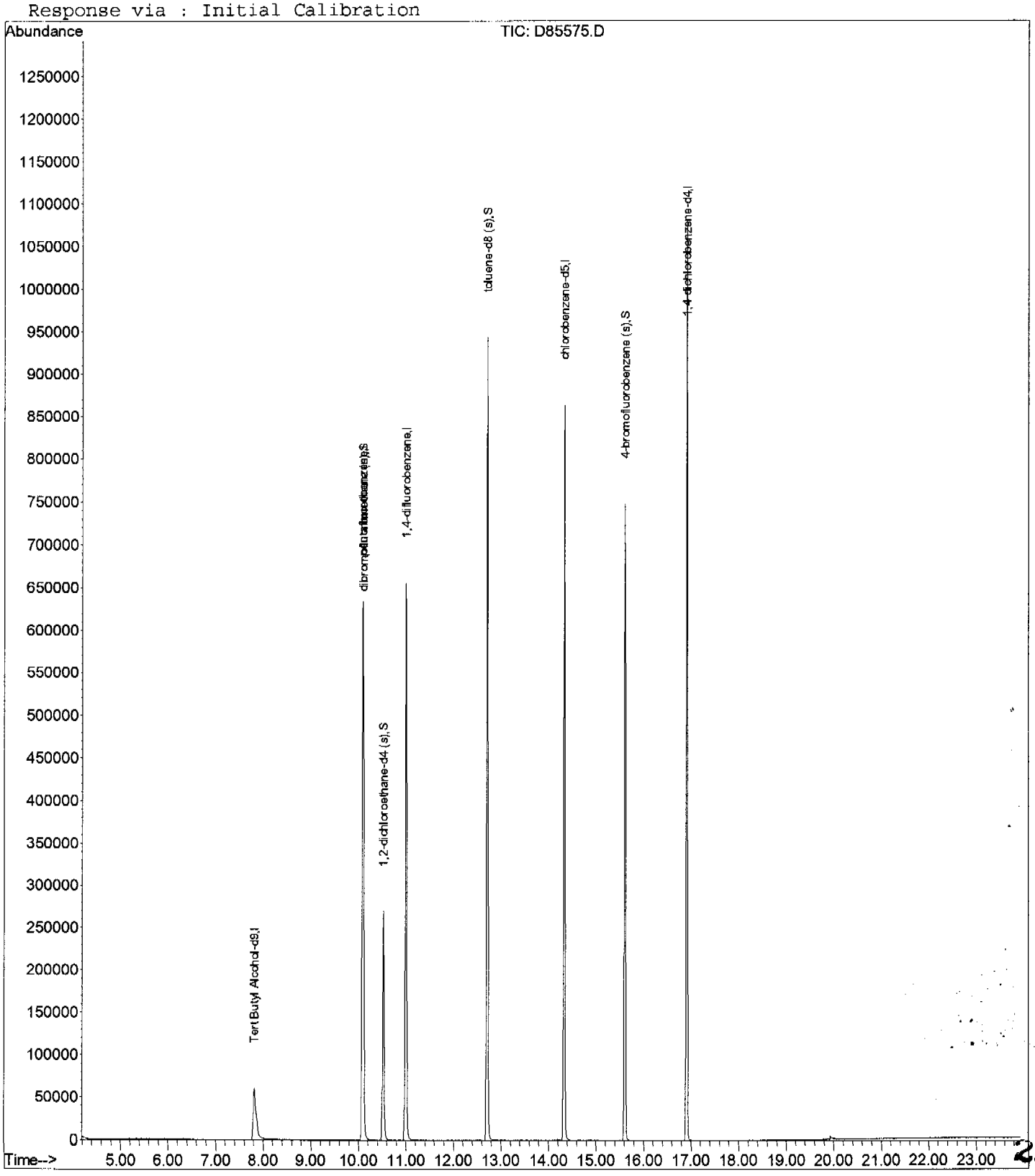
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\D85575.D
Acq On : 13 Aug 2004 1:51 am
Sample : N74646-9
Misc : MS2825,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:44 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Fri Aug 13 08:01:25 2004
Response via : Initial Calibration



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Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-CAMPEASON		
Lab Sample ID:	N74646-10	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	D85576.D	1	08/13/04	YL	n/a	n/a	VD3413
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (OLM4.2)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.3	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.54	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.11	ug/l	
75-25-2	Bromoform	ND	4.0	0.17	ug/l	
74-83-9	Bromomethane	ND	2.0	0.15	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.5	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.23	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.15	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.23	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	0.23	1.0	0.081	ug/l	J
74-87-3	Chloromethane	ND	1.0	0.13	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.17	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.47	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.18	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.29	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.62	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.13	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.81	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.24	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.17	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.11	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.071	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.080	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.35	ug/l	
591-78-6	2-Hexanone	ND	5.0	0.73	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-CAMPEASON		
Lab Sample ID:	N74646-10	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

VOA TCL List (OLM4.2)

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.0	0.33	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.63	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.16	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.28	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.59	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
100-42-5	Styrene	ND	5.0	0.12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.14	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.37	ug/l	
108-88-3	Toluene	ND	1.0	0.14	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.17	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.61	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.17	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.13	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.67	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.66	ug/l	
	m,p-Xylene	ND	1.0	0.36	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		79-119%
17060-07-0	1,2-Dichloroethane-D4	99%		68-129%
2037-26-5	Toluene-D8	98%		83-118%
460-00-4	4-Bromofluorobenzene	102%		82-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compou

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\D85576.D
Acq On : 13 Aug 2004 2:21 am
Sample : N74646-10
Misc : MS2825,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:45 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Quant Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Initial Calibration
DataAcq Meth : MD3408

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.82	65	166103	500.00 ug/L	0.00
3) pentafluorobenzene	10.09	168	400121	50.00 ug/L	0.00
44) 1,4-difluorobenzene	11.00	114	585392	50.00 ug/L	0.00
73) chlorobenzene-d5	14.33	117	539307	50.00 ug/L	0.00
86) 1,4-dichlorobenzene-d4	16.91	152	315987	50.00 ug/L	0.00
System Monitoring Compounds					
38) dibromofluoromethane (s)	10.10	113	173805	50.55 ug/L	0.00
Spiked Amount 50.000	Range 71 - 117		Recovery = 101.10%		
39) 1,2-dichloroethane-d4 (s)	10.53	65	198576	49.36 ug/L	0.00
Spiked Amount 50.000	Range 68 - 129		Recovery = 98.72%		
65) toluene-d8 (s)	12.71	98	677670	48.97 ug/L	0.00
Spiked Amount 50.000	Range 78 - 115		Recovery = 97.94%		
88) 4-bromofluorobenzene (s)	15.61	95	265350	51.03 ug/L	0.00
Spiked Amount 50.000	Range 73 - 127		Recovery = 102.06%		
Target Compounds					Qvalue
37) chloroform	9.92	83	1018	0.23 ug/L	80

YC
8/12/04

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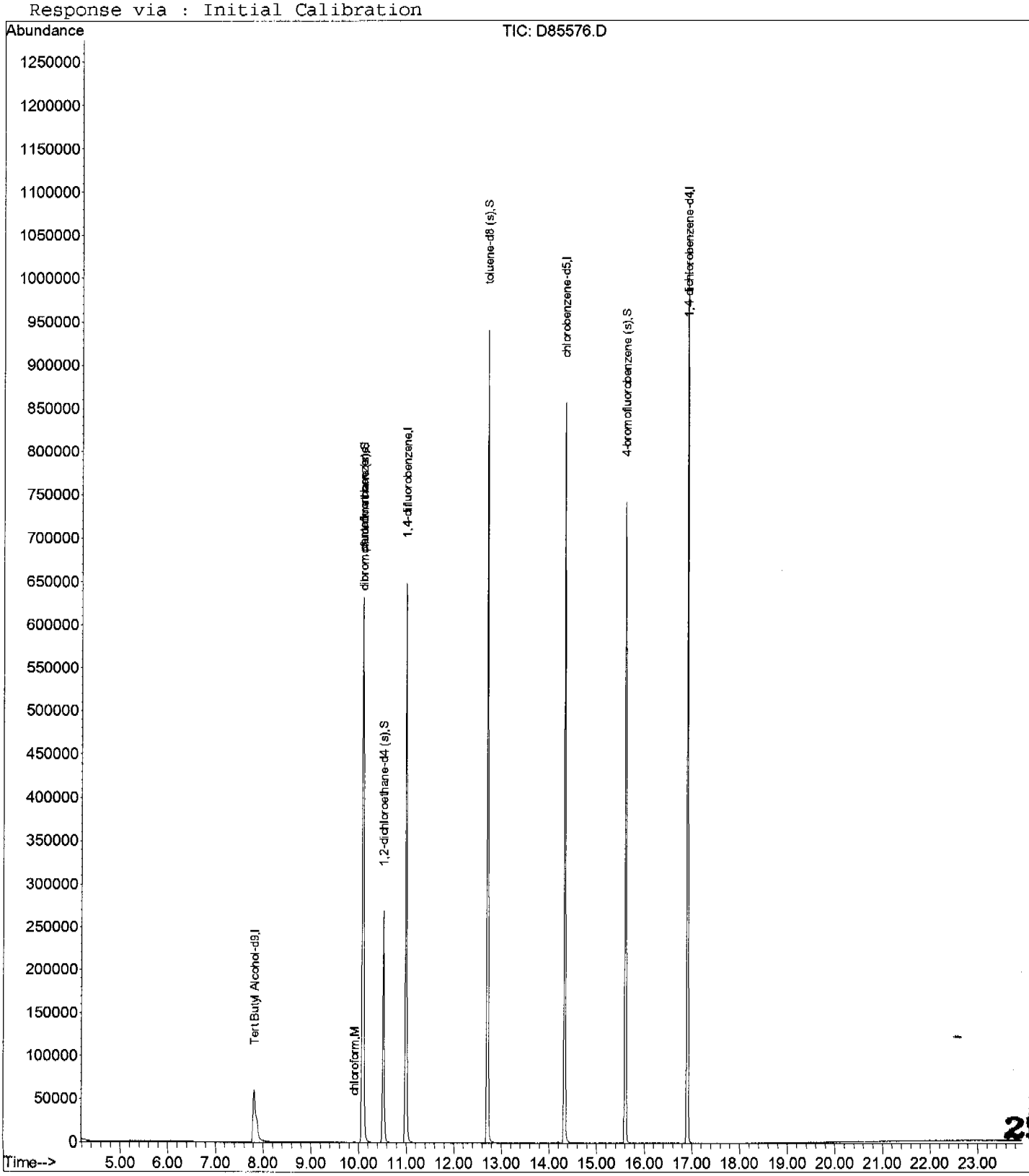
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\D85576.D
Acq On : 13 Aug 2004 2:21 am
Sample : N74646-10
Misc : MS2825,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:45 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Fri Aug 13 08:01:25 2004
Response via : Initial Calibration



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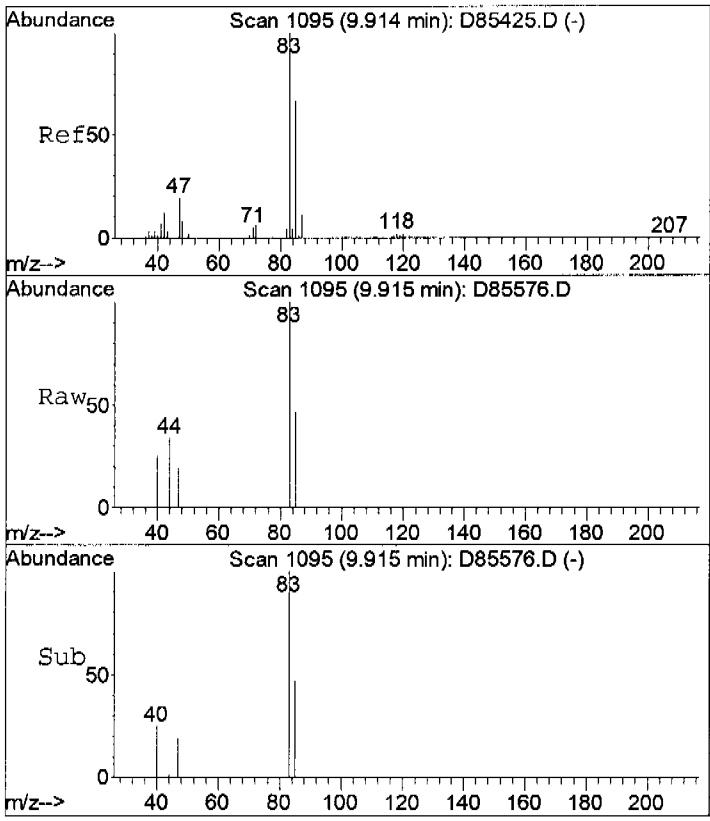
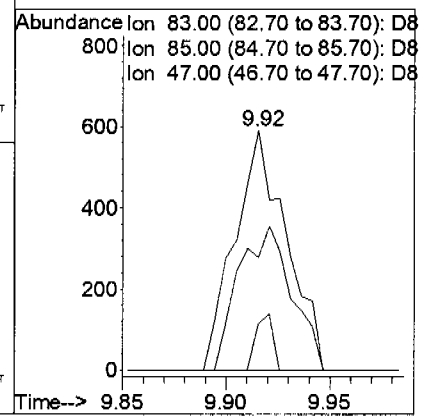


#37
chloroform
Concen: 0.23 ug/L
RT: 9.92 min Scan# 1095
Delta R.T. 0.00 min
Lab File: D85576.D
Acq: 13 Aug 2004 2:21 am

Tgt Ion: 83 Resp: 1018

Ion	Ratio	Lower	Upper
83	100		
85	47.3	36.9	96.9
47	19.5	0.0	53.7



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Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-750-LITTLEMOUNTAIN		
Lab Sample ID:	N74646-11	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	D85577.D	1	08/13/04	YL	n/a	n/a	VD3413
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (OLM4.2)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.3	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.54	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.11	ug/l	
75-25-2	Bromoform	ND	4.0	0.17	ug/l	
74-83-9	Bromomethane	ND	2.0	0.15	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.5	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.23	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.15	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.23	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.081	ug/l	
74-87-3	Chloromethane	ND	1.0	0.13	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.17	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.47	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.18	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.29	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.62	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.13	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.81	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.24	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.17	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.11	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.071	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.080	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.35	ug/l	
591-78-6	2-Hexanone	ND	5.0	0.73	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-750-LITTLEMOUNTAIN		
Lab Sample ID:	N74646-11	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

VOA TCL List (OLM4.2)

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.0	0.33	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.63	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.16	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.28	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.59	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
100-42-5	Styrene	ND	5.0	0.12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.14	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.37	ug/l	
108-88-3	Toluene	ND	1.0	0.14	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.17	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.61	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.17	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.13	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.67	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.66	ug/l	
	m,p-Xylene	ND	1.0	0.36	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		79-119%
17060-07-0	1,2-Dichloroethane-D4	101%		68-129%
2037-26-5	Toluene-D8	98%		83-118%
460-00-4	4-Bromofluorobenzene	102%		82-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method bl
N = Indicates presumptive evidence of a compound

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\D85577.D
Acq On : 13 Aug 2004 2:51 am
Sample : N74646-11
Misc : MS2825,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:46 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Quant Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Initial Calibration
DataAcq Meth : MD3408

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.82	65	170033	500.00 ug/L	0.00
3) pentafluorobenzene	10.09	168	396365	50.00 ug/L	0.00
44) 1,4-difluorobenzene	11.00	114	584894	50.00 ug/L	0.00
73) chlorobenzene-d5	14.33	117	537143	50.00 ug/L	0.00
86) 1,4-dichlorobenzene-d4	16.91	152	316527	50.00 ug/L	0.00

System Monitoring Compounds

38) dibromofluoromethane (s)	10.10	113	173792	51.03 ug/L	0.00
Spiked Amount 50.000	Range 71 - 117		Recovery = 102.06%		
39) 1,2-dichloroethane-d4 (s)	10.53	65	200988	50.43 ug/L	0.00
Spiked Amount 50.000	Range 68 - 129		Recovery = 100.86%		
65) toluene-d8 (s)	12.71	98	680683	49.23 ug/L	0.00
Spiked Amount 50.000	Range 78 - 115		Recovery = 98.46%		
88) 4-bromofluorobenzene (s)	15.61	95	265936	51.05 ug/L	0.00
Spiked Amount 50.000	Range 73 - 127		Recovery = 102.10%		

Target Compounds Qvalue

K
8/13/04

258

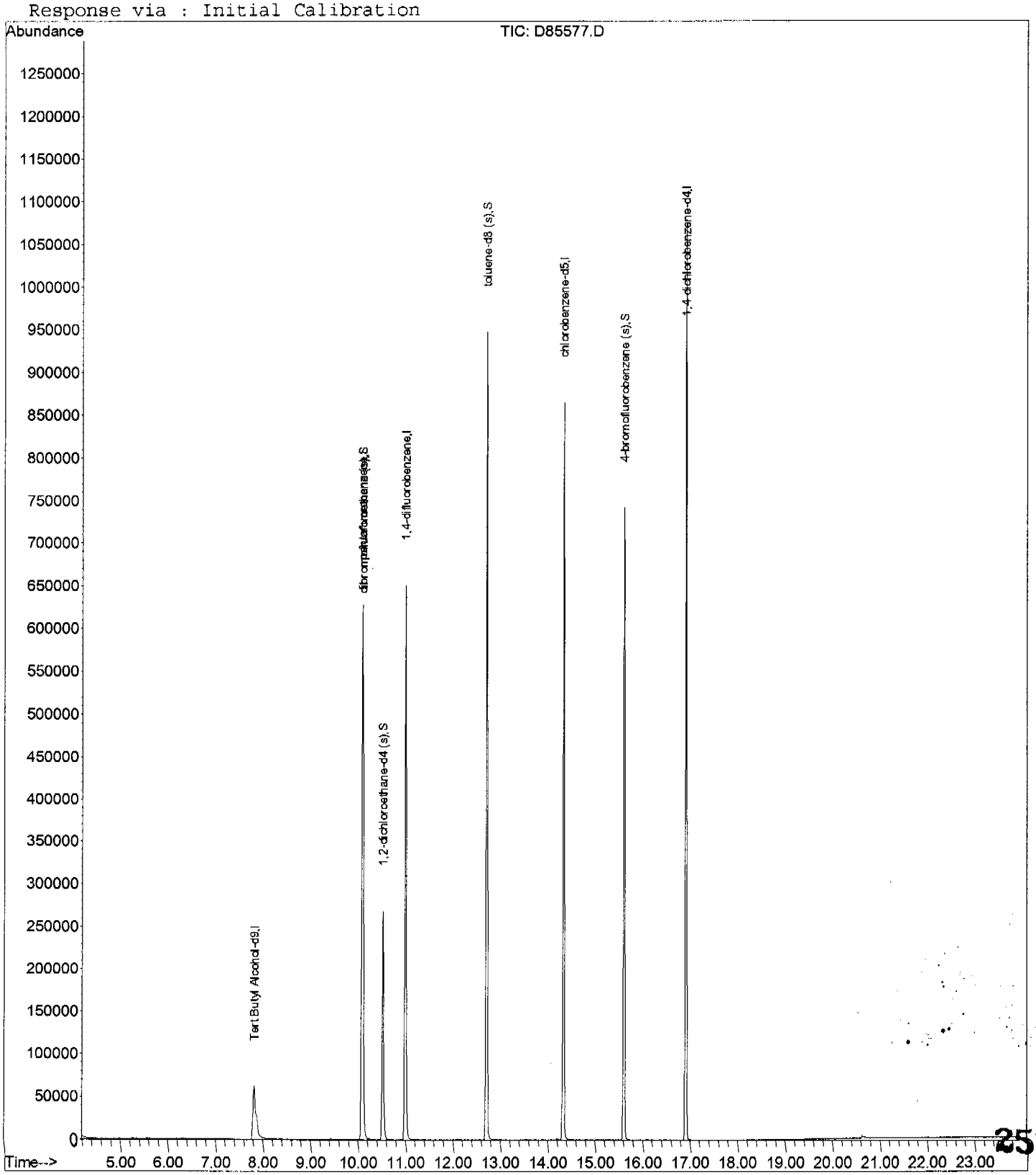
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\D85577.D
Acq On : 13 Aug 2004 2:51 am
Sample : N74646-11
Misc : MS2825,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:46 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Fri Aug 13 08:01:25 2004
Response via : Initial Calibration



Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-191-FALCONLANE		
Lab Sample ID:	N74646-12	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	D85578.D	1	08/13/04	YL	n/a	n/a	VD3413
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (OLM4.2)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.3	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.54	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.11	ug/l	
75-25-2	Bromoform	ND	4.0	0.17	ug/l	
74-83-9	Bromomethane	ND	2.0	0.15	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.5	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.23	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.15	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.23	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.081	ug/l	
74-87-3	Chloromethane	ND	1.0	0.13	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.17	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.47	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.18	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.29	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.62	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.13	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.81	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.24	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.17	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.11	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.071	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.080	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.35	ug/l	
591-78-6	2-Hexanone	ND	5.0	0.73	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-191-FALCONLANE		
Lab Sample ID:	N74646-12	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

VOA TCL List (OLM4.2)

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.0	0.33	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.63	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.16	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.28	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.59	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
100-42-5	Styrene	ND	5.0	0.12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.14	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.37	ug/l	
108-88-3	Toluene	ND	1.0	0.14	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.17	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.61	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.17	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.13	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.67	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.66	ug/l	
	m,p-Xylene	ND	1.0	0.36	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		79-119%
17060-07-0	1,2-Dichloroethane-D4	100%		68-129%
2037-26-5	Toluene-D8	99%		83-118%
460-00-4	4-Bromofluorobenzene	101%		82-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\D85578.D
Acq On : 13 Aug 2004 3:21 am
Sample : N74646-12
Misc : MS2825,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:47 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Quant Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Initial Calibration
DataAcq Meth : MD3408

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.82	65	160416	500.00 ug/L	0.00
3) pentafluorobenzene	10.09	168	396640	50.00 ug/L	0.00
44) 1,4-difluorobenzene	11.00	114	577332	50.00 ug/L	0.00
73) chlorobenzene-d5	14.33	117	533157	50.00 ug/L	0.00
86) 1,4-dichlorobenzene-d4	16.91	152	316836	50.00 ug/L	0.00

System Monitoring Compounds

38) dibromofluoromethane (s)	10.10	113	174095	51.08 ug/L	0.00
Spiked Amount 50.000	Range 71 - 117		Recovery = 102.16%		
39) 1,2-dichloroethane-d4 (s)	10.53	65	198721	49.83 ug/L	0.00
Spiked Amount 50.000	Range 68 - 129		Recovery = 99.66%		
65) toluene-d8 (s)	12.71	98	673681	49.36 ug/L	0.00
Spiked Amount 50.000	Range 78 - 115		Recovery = 98.72%		
88) 4-bromofluorobenzene (s)	15.61	95	263768	50.59 ug/L	0.00
Spiked Amount 50.000	Range 73 - 127		Recovery = 101.18%		

Target Compounds Qvalue

YC
8/13/04

262

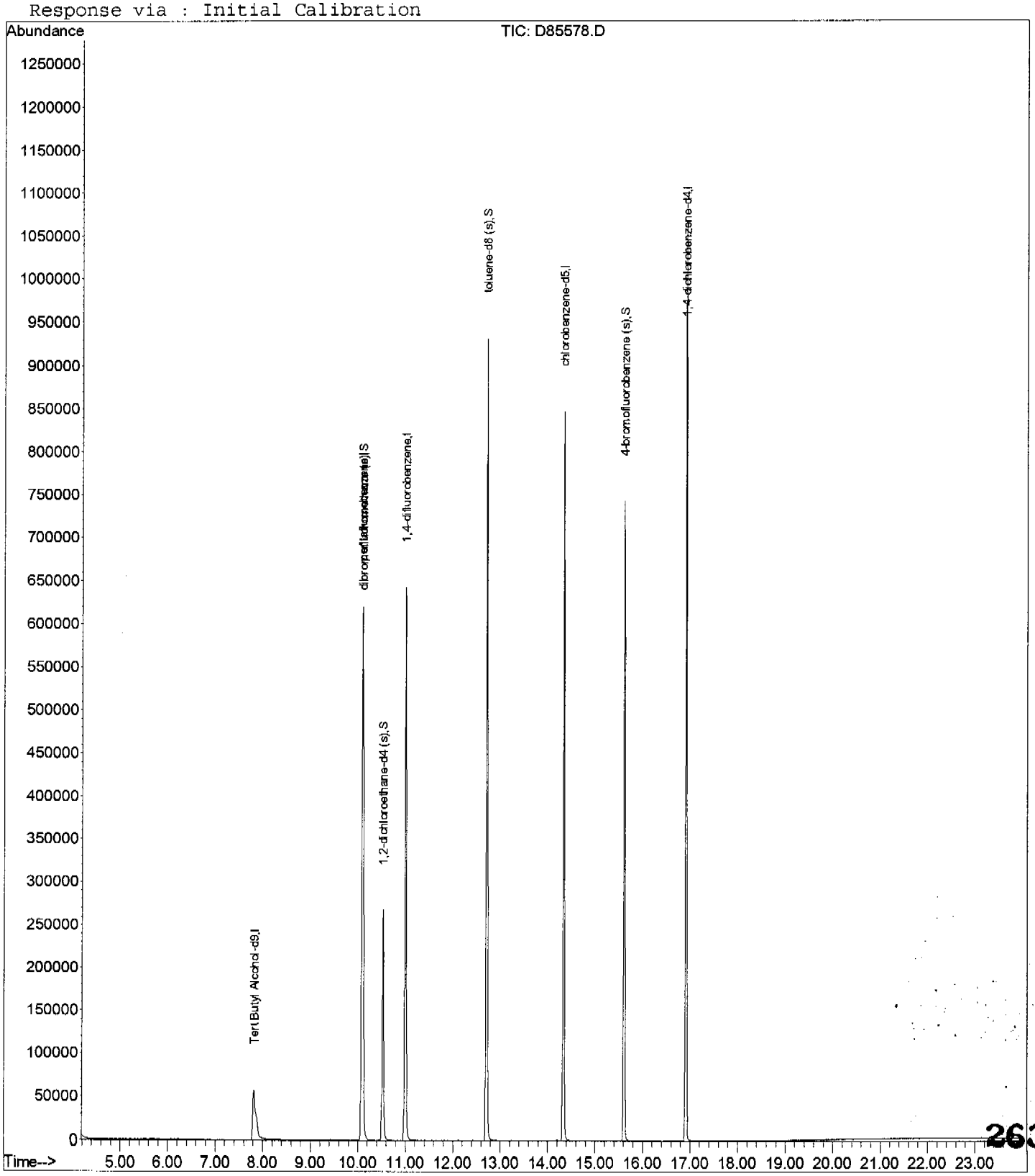
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\D85578.D
Acq On : 13 Aug 2004 3:21 am
Sample : N74646-12
Misc : MS2825,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:47 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Fri Aug 13 08:01:25 2004
Response via : Initial Calibration



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Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-4149-RANGERD		
Lab Sample ID:	N74646-13	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	D85579.D	1	08/13/04	YL	n/a	n/a	VD3413
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (OLM4.2)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.3	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.54	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.11	ug/l	
75-25-2	Bromoform	ND	4.0	0.17	ug/l	
74-83-9	Bromomethane	ND	2.0	0.15	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.5	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.23	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.15	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.23	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.081	ug/l	
74-87-3	Chloromethane	ND	1.0	0.13	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.17	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.47	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.18	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.29	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.62	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.13	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.81	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.24	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.17	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.11	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.071	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.080	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
76-13-1	Freon 113	ND	5.0	0.35	ug/l	
591-78-6	2-Hexanone	ND	5.0	0.73	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-4149-RANGERD		
Lab Sample ID:	N74646-13	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

VOA TCL List (OLM4.2)

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.0	0.33	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.63	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.16	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.28	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.59	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.20	ug/l	
100-42-5	Styrene	ND	5.0	0.12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.14	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.37	ug/l	
108-88-3	Toluene	ND	1.0	0.14	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.17	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.61	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.17	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.13	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.67	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.66	ug/l	
	m,p-Xylene	ND	1.0	0.36	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		79-119%
17060-07-0	1,2-Dichloroethane-D4	101%		68-129%
2037-26-5	Toluene-D8	98%		83-118%
460-00-4	4-Bromofluorobenzene	102%		82-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method bl

N = Indicates presumptive evidence of a compound

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\D85579.D Vial: 100
Acq On : 13 Aug 2004 3:51 am Operator: YING
Sample : N74646-13 Inst : GCMS D
Misc : MS2825,VD3413,5,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:47 2004 Quant Results File: MD3408.RES

Quant Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Initial Calibration
DataAcq Meth : MD3408

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.82	65	156256	500.00 ug/L	0.00
3) pentafluorobenzene	10.09	168	389993	50.00 ug/L	0.00
44) 1,4-difluorobenzene	11.00	114	573958	50.00 ug/L	0.00
73) chlorobenzene-d5	14.33	117	530228	50.00 ug/L	0.00
86) 1,4-dichlorobenzene-d4	16.91	152	311312	50.00 ug/L	0.00

System Monitoring Compounds

38) dibromofluoromethane (s)	10.10	113	171220	51.09 ug/L	0.00
Spiked Amount 50.000	Range 71 - 117		Recovery = 102.18%		
39) 1,2-dichloroethane-d4 (s)	10.53	65	197252	50.30 ug/L	0.00
Spiked Amount 50.000	Range 68 - 129		Recovery = 100.60%		
65) toluene-d8 (s)	12.71	98	667840	49.22 ug/L	0.00
Spiked Amount 50.000	Range 78 - 115		Recovery = 98.44%		
88) 4-bromofluorobenzene (s)	15.61	95	260497	50.85 ug/L	0.00
Spiked Amount 50.000	Range 73 - 127		Recovery = 101.70%		

Target Compounds Qvalue

7C
8/13/04

266

(#) = qualifier out of range (m) = manual integration

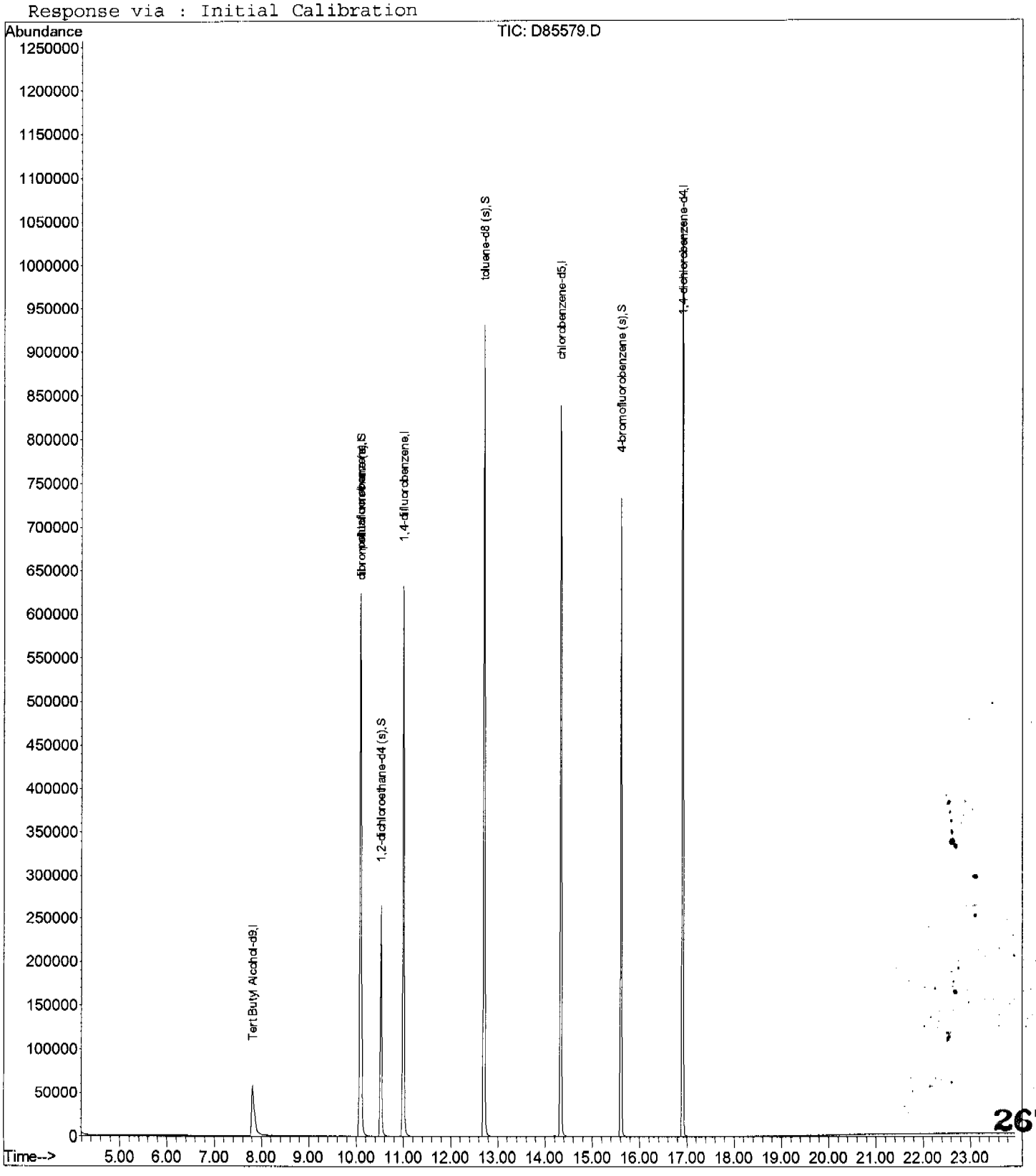
Quantitation Report

Data File : C:\HPCHEM\1\DATA\D85579.D
Acq On : 13 Aug 2004 3:51 am
Sample : N74646-13
Misc : MS2825,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:47 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00

Quant Results File: MD3408.RES

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Fri Aug 13 08:01:25 2004
Response via : Initial Calibration



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Initial Calibration Summary

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC

Sample: VD3408-ICC3408
Lab FileID: D85425.D

Response Factor Report GCMS D

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Sat Aug 14 17:58:09 2004
Response via : Initial Calibration

Calibration Files
5 =D85423.D 2 =D85422.D 20 =D85424.D
50 =D85425.D 100 =D85427.D 1 =D85421.D 200 =D85426.D

Compound	5	2	20	50	100	1	200	Avg	%RSD
1) I Tert Butyl Alcohol-d9 ----------ISTD----------									
2)M tertiary butyl al	0.685	0.636	0.697	0.709	0.706	0.691	0.683	0.687	3.57
3) I pentafluorobenzene ----------ISTD----------									
4)M chlorodifluoromet	0.408	0.396	0.396	0.388	0.379	0.452	0.368	0.398	6.78
5)M dichlorodifluorom	0.297	0.287	0.297	0.310	0.294	0.257	0.282	0.289	5.74
6)M chloromethane	0.369	0.384	0.347	0.355	0.294	0.369	0.332	0.350	8.48
7)M vinyl chloride	0.346	0.355	0.335	0.349	0.318	0.358	0.324	0.341	4.53
8)M bromomethane	0.262	0.291	0.182	0.215	0.179	0.247		0.229	19.58
----- Linear regression ----- Coefficient = 0.9907									
Response Ratio = 0.00721 + 0.18141 *A									
9)M chloroethane	0.222	0.233	0.191	0.186	0.158	0.253		0.207	16.88
----- Linear regression ----- Coefficient = 0.9929									
Response Ratio = 0.00821 + 0.15885 *A									
10)M trichlorofluorome	0.430	0.330	0.414	0.435	0.414	0.416	0.390	0.404	8.88
11)M ethyl ether	0.188	0.182	0.197	0.198	0.204	0.192	0.184	0.192	4.21
12)M acrolein	0.030		0.025	0.028	0.025		0.025	0.027	8.04
13)M 1,1-dichloroethen	0.294	0.285	0.286	0.300	0.306	0.301	0.293	0.295	2.59
14)M acetone	0.113	0.132	0.106	0.103	0.105		0.091	0.108	12.66
15)M allyl chloride	0.678	0.549	0.653	0.644	0.629	0.596	0.609	0.623	6.82
16)M acetonitrile	0.021		0.018	0.018	0.018		0.016	0.018	9.40
17)M iodomethane	0.518	0.493	0.523	0.542	0.558	0.504	0.536	0.525	4.27
18)M iso-butyl alcohol	0.046	0.047	0.043	0.042	0.044	0.044	0.042	0.044	4.06
19)M carbon disulfide	0.976	0.946	0.957	0.988	0.949	1.031	0.910	0.965	3.94
20)M methylene chlorid	0.360	0.359	0.352	0.354	0.357	0.373	0.346	0.357	2.37
21)M methyl acetate	0.281	0.299	0.252	0.249	0.250		0.234	0.261	9.24
22)M methyl tert butyl	0.842	0.856	0.901	0.900	0.924	0.832	0.816	0.867	4.73
23)M trans-1,2-dichlor	0.322	0.324	0.323	0.330	0.330	0.302	0.316	0.321	3.03
24)M di-isopropyl ethe	0.941	0.918	0.974	0.964	0.964	0.986	0.901	0.950	3.26
25)M ethyl tert-butyl	0.882	0.888	0.924	0.914	0.937	0.925	0.824	0.899	4.30
26)M 2-butanone	0.038		0.040	0.043	0.045		0.043	0.042	6.39
27)M 1,1-dichloroethan	0.589	0.573	0.577	0.570	0.558	0.603	0.528	0.571	4.17
28)M chloroprene	0.347	0.327	0.364	0.375	0.380	0.350	0.366	0.358	5.12
29)M acrylonitrile	0.132	0.128	0.138	0.138	0.139	0.124	0.132	0.133	4.19
30)M vinyl acetate	0.053		0.063	0.068	0.072		0.069	0.065	11.19
31)M ethyl acetate	0.040		0.048	0.038	0.038		0.034	0.040	13.20
32)M 2,2-dichloropropa	0.425	0.426	0.411	0.403	0.380	0.440	0.365	0.407	6.55
33)M cis-1,2-dichloroe	0.356	0.350	0.357	0.358	0.359	0.340	0.336	0.351	2.66
34)M propionitrile	0.051	0.050	0.053	0.053	0.052	0.047	0.047	0.050	5.06
35)M bromochloromethan	0.172	0.168	0.181	0.183	0.189	0.174	0.182	0.178	4.15
36)M tetrahydrofuran	0.095	0.100	0.103	0.105	0.103	0.112	0.099	0.103	5.31
37)M chloroform	0.567	0.554	0.557	0.554	0.547	0.571	0.533	0.555	2.29
38)S dibromofluorometh	0.432	0.435	0.428	0.426	0.423	0.438	0.426	0.430	1.23
39)S 1,2-dichloroethan	0.513	0.521	0.518	0.494	0.473	0.516	0.485	0.503	3.75

Initial Calibration Summary

Job Number: N74646 **Sample:** VD3408-ICC3408
Account: ENSRMAA ENSR Consulting & Engineering **Lab FileID:** D85425.D
Project: Former Camp Butner, NC

40)M freon 113	0.235	0.230	0.219	0.235	0.244	0.247	0.230	0.234	3.97
41)M methacrylonitrile	0.194	0.185	0.210	0.210	0.212	0.179	0.205	0.199	6.73
42)M 1,1,1-trichloroet	0.491	0.487	0.486	0.494	0.481	0.498	0.477	0.488	1.49
43)M tert-amyl methyl	0.967	0.988	0.973	0.910	0.877	1.008	0.702	0.918	11.53
44) I 1,4-difluorobenzene	----------ISTD----------								
45)M Di-isobutylene	0.511	0.438	0.533	0.592	0.589	0.447	0.577	0.527	12.31
46)M epichlorohydrin	0.028	0.028	0.030	0.031	0.031	0.025	0.031	0.029	7.38
47)M n-butyl alcohol	0.006	0.005	0.007	0.007	0.007	0.006	0.007	0.006#	11.67
48)M carbon tetrachlor	0.293	0.273	0.290	0.297	0.290	0.292	0.292	0.290	2.60
49)M 1,1-dichloroprope	0.289	0.276	0.289	0.297	0.293	0.289	0.282	0.288	2.40
50)M hexane	0.243	0.233	0.247	0.267	0.275	0.277	0.262	0.258	6.60
51)M benzene	0.900	0.894	0.888	0.895	0.874	0.937	0.814	0.886	4.21
52)M heptane	0.131	0.125	0.133	0.139	0.138	0.133	0.132	0.133	3.61
53)M isopropyl acetate	0.380	0.369	0.390	0.395	0.401	0.394	0.387	0.388	2.78
54)M 1,2-dichloroethan	0.302	0.305	0.299	0.297	0.285	0.317	0.281	0.298	4.18
55)M trichloroethene	0.229	0.224	0.227	0.232	0.225	0.229	0.219	0.227	1.91
56)M 2-nitropropane	0.042	0.042	0.052	0.061	0.066	0.044	0.070	0.054	22.00

----- Linear regression ----- Coefficient = 0.9988
Response Ratio = -0.00417 + 0.06989 *A

57)M 2-chloroethyl vin	0.144	0.134	0.153	0.151	0.143	0.137	0.120	0.140	8.11
58)M methyl methacryla	0.213	0.205	0.239	0.252	0.251	0.204	0.238	0.229	9.18
59)M 1,2-dichloropropa	0.232	0.225	0.237	0.237	0.228	0.232	0.213	0.229	3.61
60)M methylcyclohexane	0.345	0.325	0.345	0.368	0.375	0.347	0.354	0.351	4.65
61)M dibromomethane	0.145	0.143	0.144	0.149	0.146	0.135	0.142	0.143	3.10
62)M 1,4-dioxane	0.002	0.002	0.002	0.002	0.003	0.002	0.002	0.002#	12.92
63)M bromodichlorometh	0.280	0.263	0.291	0.299	0.295	0.279	0.293	0.286	4.32
64)M cis-1,3-dichlorop	0.361	0.340	0.382	0.399	0.393	0.332	0.386	0.371	7.10
65)S toluene-d8 (s)	1.173	1.171	1.189	1.194	1.184	1.161	1.203	1.182	1.24
66)M 4-methyl-2-pentan	0.309	0.294	0.345	0.353	0.347	0.290	0.330	0.324	8.09
67)M toluene	0.567	0.554	0.575	0.585	0.576	0.569	0.551	0.568	2.08
68)M 3-methyl-1-butano	0.005	0.005	0.006	0.007	0.007	0.004	0.007	0.006#	22.33

----- Linear regression ----- Coefficient = 0.9994
Response Ratio = -0.00193 + 0.00714 *A

69)M trans-1,3-dichlor	0.329	0.304	0.359	0.368	0.362	0.307	0.356	0.341	7.94
70)M ethyl methacrylat	0.269	0.232	0.309	0.327	0.329		0.321	0.298	13.21
71)M 1,1,2-trichloroet	0.176	0.172	0.179	0.182	0.181	0.165	0.176	0.176	3.26
72)M 2-hexanone	0.133	0.125	0.153	0.159	0.153	0.123	0.147	0.142	10.33
73) I chlorobenzene-d5	----------ISTD----------								
74)M tetrachloroethene	0.303	0.298	0.300	0.303	0.302	0.287	0.287	0.297	2.52
75)M 1,3-dichloropropa	0.387	0.386	0.399	0.401	0.393	0.371	0.371	0.387	3.13
76)M butyl acetate	0.147	0.136	0.161	0.163	0.168	0.131	0.159	0.152	9.32
77)M dibromochlorometh	0.223	0.205	0.246	0.259	0.269	0.199	0.265	0.238	12.13
78)M 1,2-dibromoethane	0.221	0.219	0.231	0.236	0.240	0.202	0.232	0.226	5.79
79)M chlorobenzene	0.706	0.713	0.719	0.728	0.728	0.723	0.693	0.716	1.80
80)M 1,1,1,2-tetrachlo	0.249	0.241	0.255	0.262	0.262	0.237	0.253	0.251	3.92
81)M ethylbenzene	1.115	1.075	1.151	1.169	1.143	1.102	1.054	1.115	3.75
82)M m,p-xylene	0.449	0.433	0.460	0.468	0.458	0.422	0.402	0.442	5.44
83)M o-xylene	0.450	0.413	0.475	0.477	0.465	0.422	0.409	0.444	6.60
84)M styrene	0.692	0.601	0.769	0.786	0.767	0.569	0.676	0.694	12.31
85)M bromoform	0.149	0.138	0.174	0.190	0.202	0.128	0.202	0.169	18.25

----- Linear regression ----- Coefficient = 0.9997
Response Ratio = -0.00623 + 0.20360 *A

86) I 1,4-dichlorobenzene-d	----------ISTD----------								
87)M isopropylbenzene	1.661	1.544	1.753	1.844	1.838	1.515	1.728	1.698	7.74

Initial Calibration Summary

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC
Sample: VD3408-ICC3408
Lab FileID: D85425.D

88)S	4-bromofluorobenz	0.827	0.827	0.818	0.820	0.816	0.828	0.824	0.823	0.60
89)M	bromobenzene	0.521	0.504	0.535	0.552	0.561	0.520	0.543	0.534	3.73
90)M	cyclohexanone	0.310	0.401	0.432	0.219	0.287	0.352	0.240	0.320	24.85
91)M	1,1,2,2-tetrachlo	0.497	0.501	0.512	0.524	0.529	0.508	0.505	0.511	2.33
92)M	trans-1,4-dichlor	0.124	0.121	0.139	0.149	0.151	0.124	0.150	0.137	10.02
93)M	1,2,3-trichloropr	0.145	0.133	0.132	0.132	0.133	0.136	0.129	0.134	3.82
94)M	n-propylbenzene	2.196	2.084	2.255	2.331	2.282	1.990	2.099	2.177	5.66
95)M	2-chlorotoluene	1.536	1.487	1.575	1.606	1.568	1.476	1.419	1.524	4.33
96)M	4-chlorotoluene	1.418	1.347	1.434	1.463	1.452	1.299	1.382	1.399	4.27
97)M	1,3,5-trimethylbe	1.560	1.430	1.615	1.675	1.662	1.412	1.505	1.551	6.87
98)M	tert-butylbenzene	0.881	0.792	0.923	0.971	0.945	0.818	0.926	0.894	7.44
99)M	pentachloroethane	0.288	0.264	0.322	0.350	0.359	0.250	0.342	0.311	14.03
100)M	1,2,4-trimethylbe	1.627	1.487	1.699	1.757	1.754	1.414	1.605	1.621	8.09
101)M	sec-butylbenzene	2.010	1.864	2.131	2.220	2.217	1.782	2.041	2.038	8.27
102)M	1,3-dichlorobenze	1.050	1.020	1.057	1.087	1.100	1.029	1.052	1.057	2.73
103)M	p-isopropyltoluen	1.722	1.578	1.844	1.932	1.931	1.463	1.781	1.750	10.13
104)M	1,4-dichlorobenze	1.100	1.087	1.094	1.124	1.139	1.124	1.080	1.107	2.01
105)M	1,2-dichlorobenze	1.014	0.990	1.042	1.061	1.075	1.025	1.016	1.032	2.86
106)M	n-butylbenzene	1.539	1.408	1.648	1.697	1.655	1.411	1.527	1.555	7.53
107)M	1,2-dibromo-3-chl	0.079	0.076	0.092	0.096	0.097	0.081	0.093	0.088	9.91
108)M	1,2,4-trichlorobe	0.645	0.604	0.703	0.738	0.741	0.569	0.677	0.668	9.87
109)M	hexachlorobutadie	0.348	0.339	0.362	0.379	0.370	0.333	0.344	0.354	4.80
110)M	naphthalene	1.159	1.028	1.357	1.437	1.535		1.342	1.310	14.19
111)M	1,2,3-trichlorobe	0.511	0.472	0.554	0.578	0.611	0.457	0.538	0.532	10.45
112)M	hexachloroethane	0.262	0.237	0.296	0.331	0.348	0.245	0.341	0.294	15.93

----- Linear regression ----- Coefficient = 0.9997
Response Ratio = -0.00733 + 0.34402 *A

113)M	Cyclohexane	0.563	0.564	0.550	0.594	0.605	0.565	0.564	0.572	3.42

(#) = Out of Range

MD3408.M Mon Aug 16 09:12:21 2004 MSD

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\D85421.D
Acq On : 9 Aug 2004 7:43 pm
Sample : IC3408-1
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:38 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00

Quant Results File: MD3408.RES

Quant Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:18:09 2004
Response via : Initial Calibration
DataAcq Meth : MD3408

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.81	65	169565	500.00	ug/L	0.00
3) pentafluorobenzene	10.08	168	379770	50.00	ug/L	0.00
44) 1,4-difluorobenzene	10.99	114	545105	50.00	ug/L	0.00
73) chlorobenzene-d5	14.33	117	505706	50.00	ug/L	0.00
86) 1,4-dichlorobenzene-d4	16.92	152	306366	50.00	ug/L	0.00

System Monitoring Compounds						
38) dibromofluoromethane (s)	10.10	113	166161	50.92	ug/L	0.00
Spiked Amount 50.000	Range 71 - 117		Recovery = 101.84%			
39) 1,2-dichloroethane-d4 (s)	10.52	65	195988	51.33	ug/L	0.00
Spiked Amount 50.000	Range 68 - 129		Recovery = 102.66%			
65) toluene-d8 (s)	12.71	98	632607	49.09	ug/L	0.00
Spiked Amount 50.000	Range 78 - 115		Recovery = 98.18%			
88) 4-bromofluorobenzene (s)	15.61	95	253804	50.34	ug/L	0.00
Spiked Amount 50.000	Range 73 - 127		Recovery = 100.68%			

Target Compounds						Qvalue
2) tertiary butyl alcohol	7.94	59	1171	5.03	ug/L	82
4) chlorodifluoromethane	4.44	51	3434	1.14	ug/L	95
5) dichlorodifluoromethane	4.42	85	1954	0.89	ug/L	92
6) chloromethane	4.79	50	2800	1.05	ug/L	92
7) vinyl chloride	5.07	62	2721	1.05	ug/L	92
8) bromomethane	5.75	94	1878	1.04	ug/L #	67
9) chloroethane	5.93	64	1919	1.29	ug/L	81
10) trichlorofluoromethane	6.42	101	3156	1.02	ug/L	94
11) ethyl ether	6.81	74	1457	1.00	ug/L	87
12) acrolein	7.00	56	2114	10.22	ug/L	91
13) 1,1-dichloroethene	7.27	96	2287	1.02	ug/L	97
14) acetone	7.22	43	1375	1.52	ug/L	57
15) allyl chloride	7.73	41	4528	0.96	ug/L	90
16) acetonitrile	7.62	40	2545m	12.83	ug/L	
17) iodomethane	7.51	142	3831	0.96	ug/L	95
18) iso-butyl alcohol	10.30	41	3372m	8.74	ug/L	
19) carbon disulfide	7.68	76	7831m	1.03	ug/L	
20) methylene chloride	7.89	84	2831	1.04	ug/L	86
21) methyl acetate	7.70	43	3181	1.61	ug/L #	65
22) methyl tert butyl ether	8.29	73	6320	0.96	ug/L	92
23) trans-1,2-dichloroethene	8.31	96	2294	0.94	ug/L	96
24) di-isopropyl ether	8.89	45	7487	1.04	ug/L	86
25) ethyl tert-butyl ether	9.34	59	7026	1.03	ug/L	97
27) 1,1-dichloroethane	8.84	63	4581	1.06	ug/L	95
28) chloroprene	8.98	53	2657	0.98	ug/L	96
29) acrylonitrile	8.18	53	4721	4.67	ug/L	96
30) vinyl acetate	8.84	86	131	0.32	ug/L #	1
31) ethyl acetate	9.56	45	106	0.40	ug/L #	19
32) 2,2-dichloropropane	9.60	77	3340	1.08	ug/L	89
33) cis-1,2-dichloroethene	9.56	96	2581	0.97	ug/L	94
34) propionitrile	9.57	54	3548	9.28	ug/L	96
35) bromochloromethane	9.86	128	1320	0.97	ug/L	91
36) tetrahydrofuran	9.94	42	854	1.10	ug/L #	56

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\D85421.D
Acq On : 9 Aug 2004 7:43 pm
Sample : IC3408-1
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:38 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Quant Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:18:09 2004
Response via : Initial Calibration
DataAcq Meth : MD3408

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
37)	chloroform	9.92	83	4338	1.03 ug/L	90
40)	freon 113	7.27	151	1876m	1.17 ug/L	
41)	methacrylonitrile	9.78	41	1357 rl	0.90 ug/L	84
42)	1,1,1-trichloroethane	10.22	97	3780 rl/m/rl	1.02 ug/L	94
43)	tert-amyl methyl ether	10.71	73	7659	1.10 ug/L	90
45)	Di-isobutylene	11.30	57	4876	0.85 ug/L	75
46)	epichlorohydrin	12.23	57	1372	4.33 ug/L	93
47)	n-butyl alcohol	11.08	56	3013	44.02 ug/L	93
48)	carbon tetrachloride	10.45	117	3178	1.01 ug/L	97
49)	1,1-dichloropropene	10.39	75	3152	1.00 ug/L	87
50)	hexane	8.67	57	3021	1.08 ug/L	92
51)	benzene	10.65	78	10218	1.06 ug/L	98
52)	heptane	10.88	57	1448	1.00 ug/L	88
53)	isopropyl acetate	10.56	43	4292	1.01 ug/L #	68
54)	1,2-dichloroethane	10.61	62	3461	1.07 ug/L	94
55)	trichloroethene	11.36	95	2500	1.01 ug/L	90
56)	2-nitropropane	12.07	43	483	0.82 ug/L	88
57)	2-chloroethyl vinyl ether	12.13	63	7493	4.90 ug/L	95
58)	methyl methacrylate	11.62	69	2226	0.89 ug/L #	71
59)	1,2-dichloropropane	11.60	63	2533	1.01 ug/L	96
60)	methylcyclohexane	11.65	83	3788	0.99 ug/L	97
61)	dibromomethane	11.74	93	1467	0.94 ug/L	99
62)	1,4-dioxane	11.71	88	472	19.14 ug/L #	70
63)	bromodichloromethane	11.87	83	3047	0.98 ug/L	97
64)	cis-1,3-dichloropropene	12.36	75	3622	0.90 ug/L	93
66)	4-methyl-2-pentanone	12.46	43	3165	0.90 ug/L	95
67)	toluene	12.78	92	6206	1.00 ug/L	94
68)	3-methyl-1-butanol	12.46	70	880	13.55 ug/L #	76
69)	trans-1,3-dichloropropene	12.94	75	3345	0.90 ug/L	94
70)	ethyl methacrylate	12.97	69	2404	0.77 ug/L	94
71)	1,1,2-trichloroethane	13.17	83	1801	0.94 ug/L	95
72)	2-hexanone	13.38	43	1343	0.87 ug/L	88
74)	tetrachloroethene	13.43	166	2898	0.96 ug/L	97
75)	1,3-dichloropropane	13.37	76	3754	0.96 ug/L	92
76)	butyl acetate	13.48	56	1330	0.86 ug/L	91
77)	dibromochloromethane	13.66	129	2011	0.84 ug/L	95
78)	1,2-dibromoethane	13.83	107	2043	0.89 ug/L	91
79)	chlorobenzene	14.36	112	7313	1.01 ug/L	95
80)	1,1,1,2-tetrachloroethane	14.42	131	2392	0.94 ug/L	96
81)	ethylbenzene	14.45	91	11143	0.99 ug/L	98
82)	m,p-xylene	14.57	106	8533	1.91 ug/L	96
83)	o-xylene	15.02	106	4269	0.95 ug/L	94
84)	styrene	15.03	104	5759	0.82 ug/L	97
85)	bromoform	15.28	173	1290	0.75 ug/L	92
87)	isopropylbenzene	15.41	105	9280	0.89 ug/L	98
89)	bromobenzene	15.83	156	3189	0.98 ug/L	88
90)	cyclohexanone	15.53	55	2158	1.10 ug/L	96
91)	1,1,2,2-tetrachloroethane	15.68	83	3111	0.99 ug/L	98
92)	trans-1,4-dichloro-2-buten	15.73	53	760	0.91 ug/L #	71

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\D85421.D
Acq On : 9 Aug 2004 7:43 pm
Sample : IC3408-1
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:38 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Quant Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:18:09 2004
Response via : Initial Calibration
DataAcq Meth : MD3408

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
93)	1,2,3-trichloropropane	15.77	77	833m	0.92 ug/L	
94)	n-propylbenzene	15.87	91	12195	0.91 ug/L	99
95)	2-chlorotoluene	16.02	91	9046	0.97 ug/L	96
96)	4-chlorotoluene	16.13	91	7961	0.93 ug/L	97
97)	1,3,5-trimethylbenzene	16.04	105	8650	0.91 ug/L	97
98)	tert-butylbenzene	16.43	91	5012	0.92 ug/L	95
99)	pentachloroethane	16.49	167	1531	0.80 ug/L	81
100)	1,2,4-trimethylbenzene	16.47	105	8667	0.87 ug/L	94
101)	sec-butylbenzene	16.67	105	10919	0.87 ug/L	97
102)	1,3-dichlorobenzene	16.85	146	6303	0.97 ug/L	94
103)	p-isopropyltoluene	16.81	119	8964	0.84 ug/L	99
104)	1,4-dichlorobenzene	16.94	146	6888	1.02 ug/L	96
105)	1,2-dichlorobenzene	17.37	146	6279	0.99 ug/L	97
106)	n-butylbenzene	17.26	91	8646	0.91 ug/L	97
107)	1,2-dibromo-3-chloropropan	18.20	75	496	0.92 ug/L	87
108)	1,2,4-trichlorobenzene	19.17	180	3484	0.85 ug/L	93
109)	hexachlorobutadiene	19.33	225	2041	0.94 ug/L	90
110)	naphthalene	19.48	128	5612	0.73 ug/L	98
111)	1,2,3-trichlorobenzene	19.76	180	2803	0.86 ug/L	86
112)	hexachloroethane	17.69	119	1501	0.83 ug/L	96
113)	Cyclohexane	10.34	84	3460	0.99 ug/L #	100

273

(#) = qualifier out of range (m) = manual integration

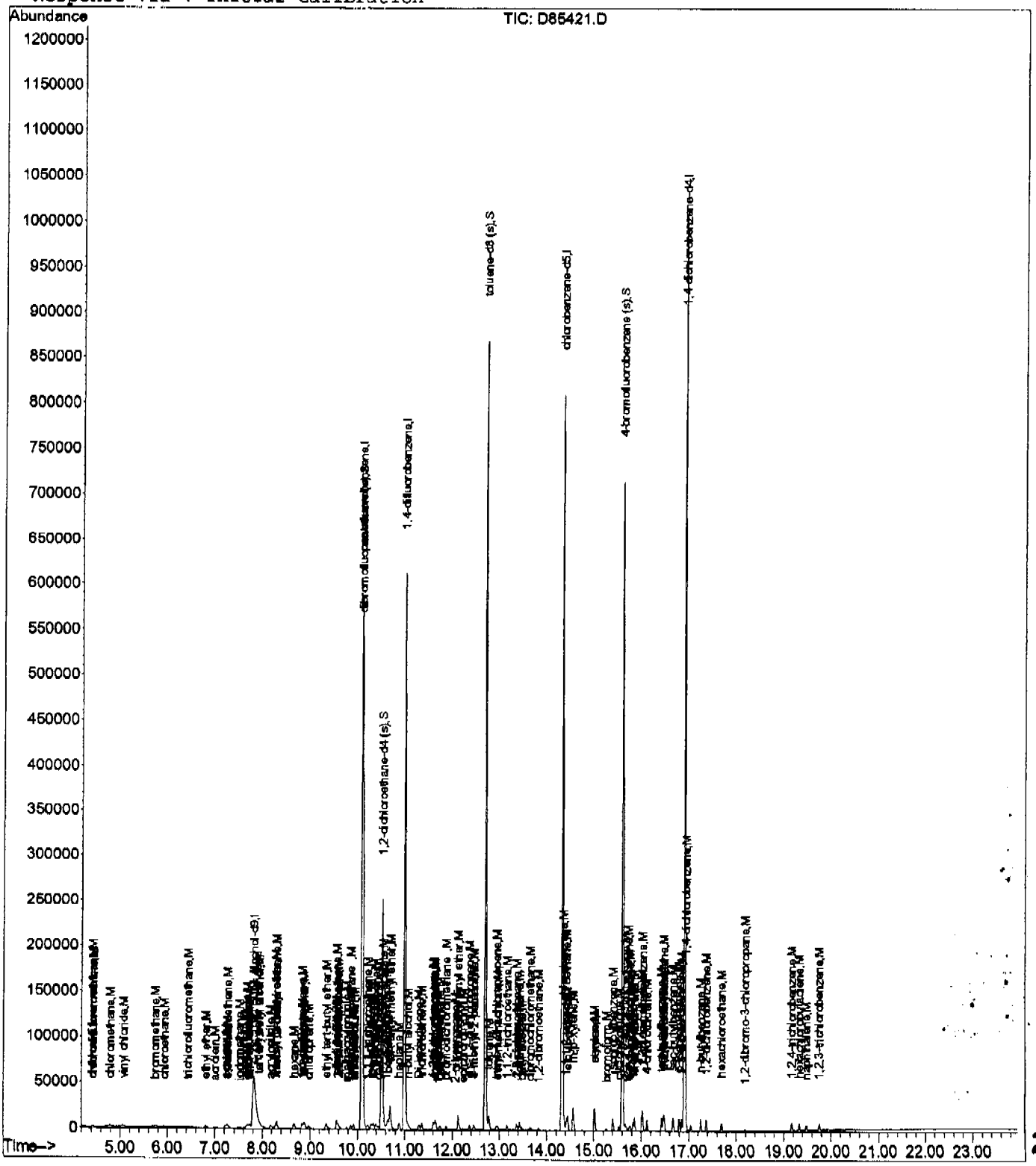
Quantitation Report

Data File : C:\HPCHEM\1\DATA\D85421.D
Acq On : 9 Aug 2004 7:43 pm
Sample : IC3408-1
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:38 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00

Quant Results File: MD3408.RES

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Initial Calibration



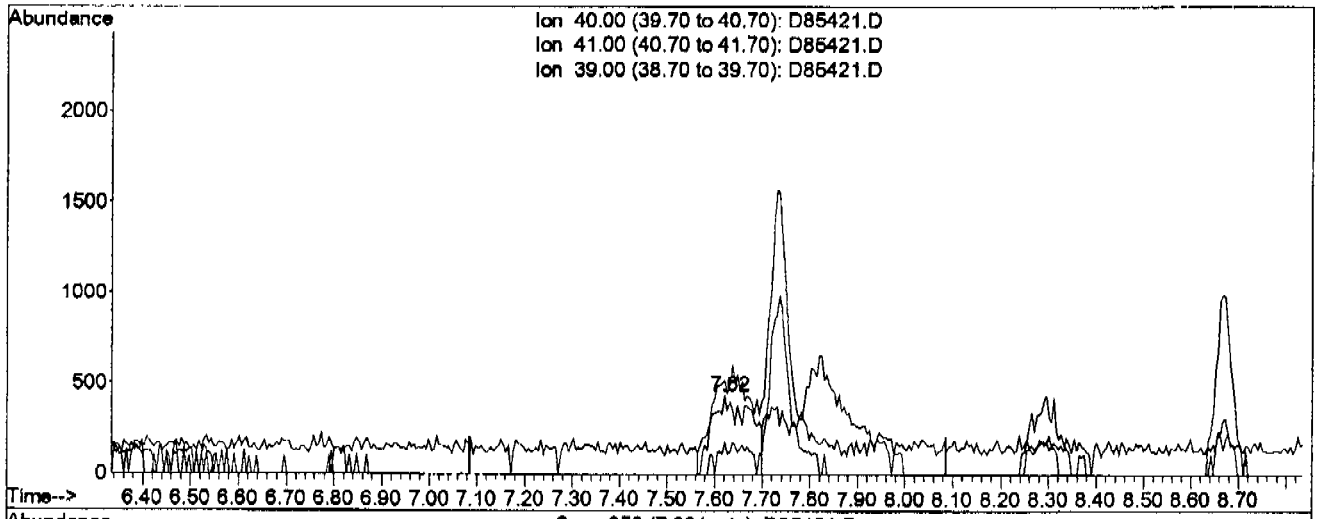
274

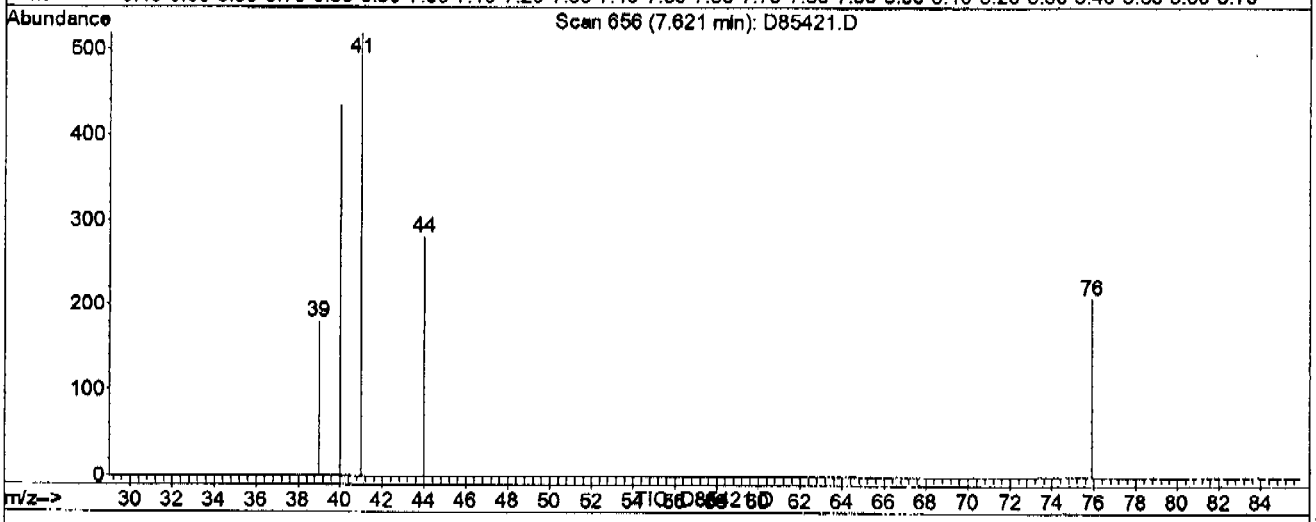
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\D85421.D
Acq On : 9 Aug 2004 7:43 pm
Sample : IC3408-1
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:38 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Multiple Level Calibration





(16) acetonitrile (M)

7.62min 12.83ug/L m

response 2545

Ion	Exp%	Act%
40.00	100	100
41.00	194.00	119.31#
39.00	36.20	41.38
0.00	0.00	0.00

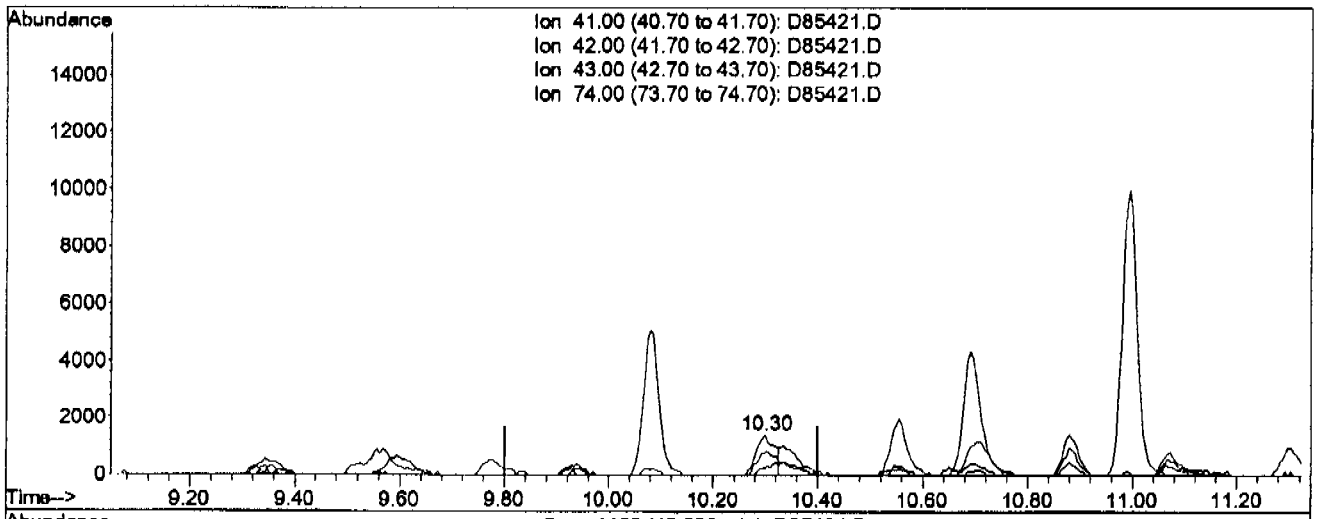
D85421.D MD3408.M Tue Aug 10 09:50:09 2004 MSD

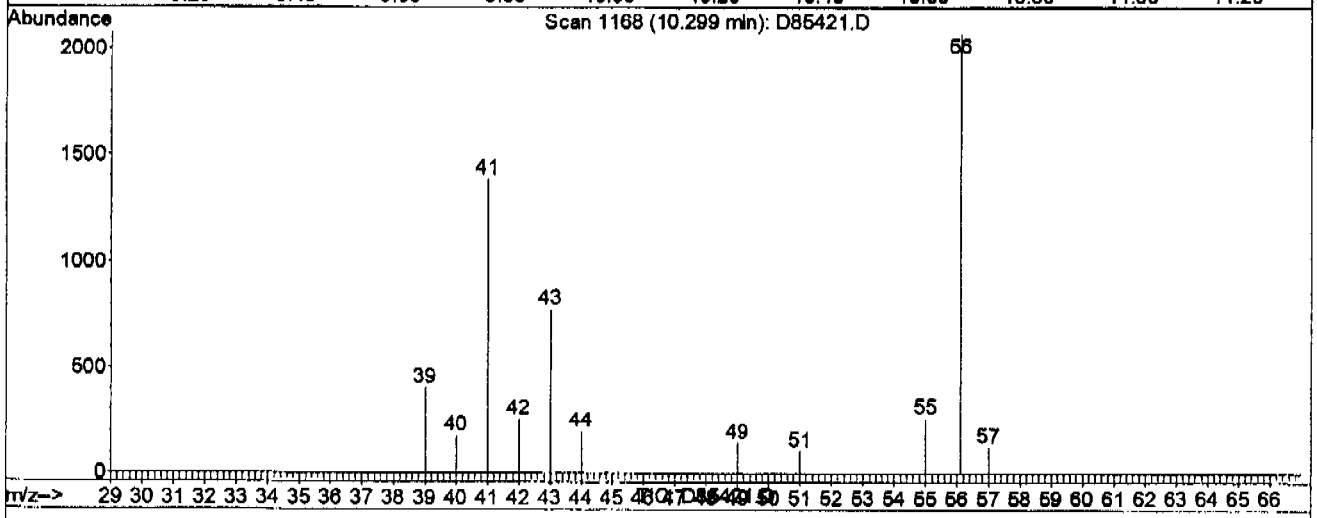
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\D85421.D
Acq On : 9 Aug 2004 7:43 pm
Sample : IC3408-1
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:38 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Multiple Level Calibration





(18) iso-butyl alcohol (M)

10.30min 8.74ug/L m

response 3372

Ion	Exp%	Act%
41.00	100	100
42.00	23.60	18.44
43.00	64.90	56.12
74.00	2.90	0.00

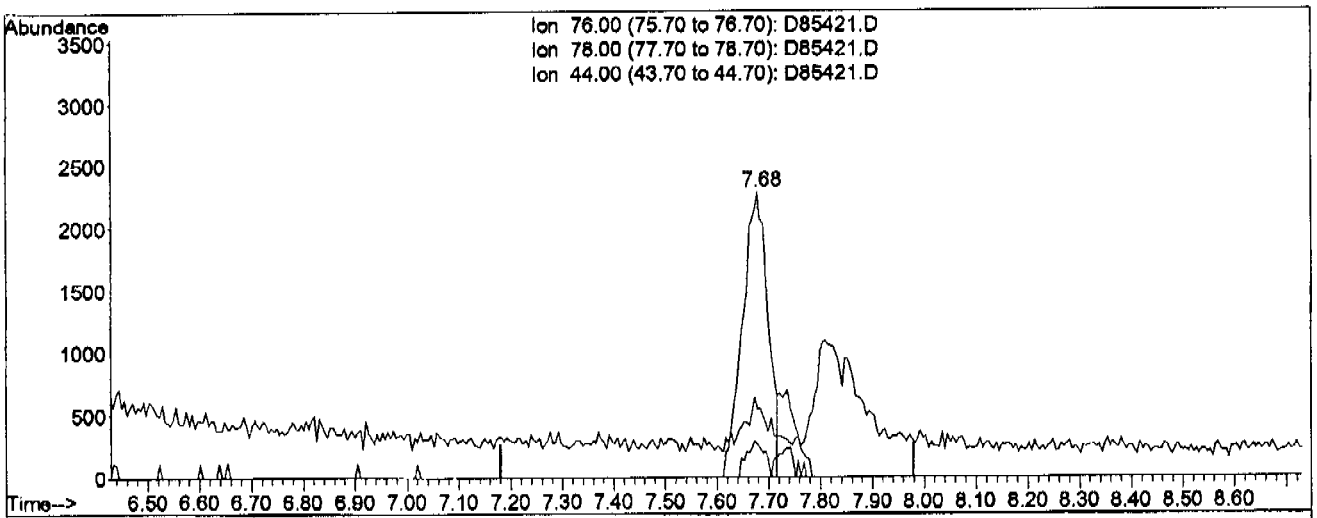
D85421.D MD3408.M Tue Aug 10 09:50:13 2004 MSD

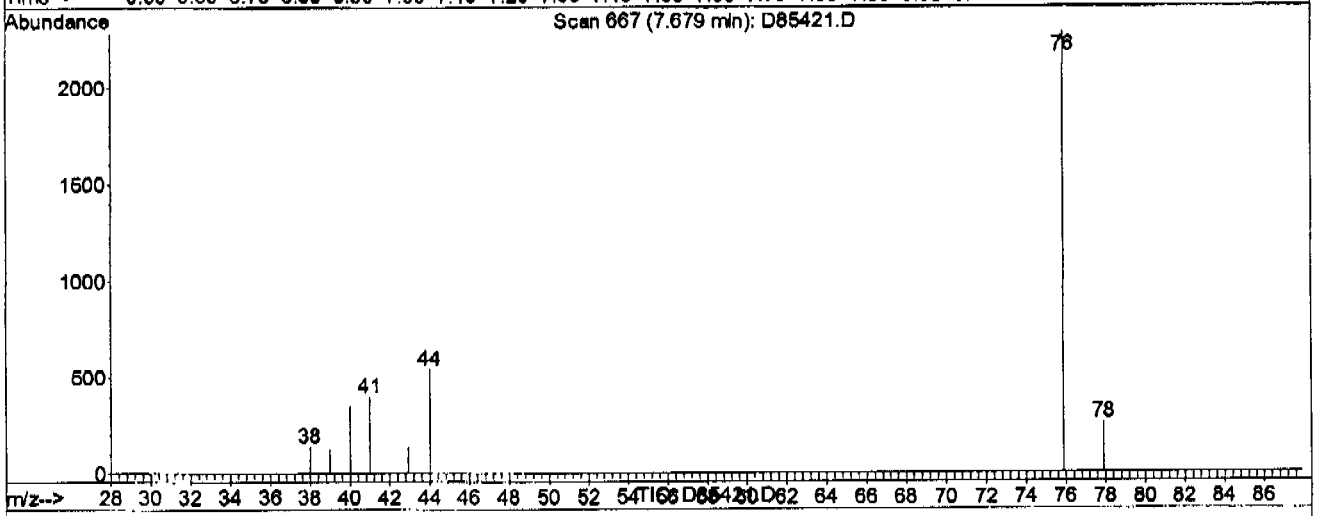
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\D85421.D
Acq On : 9 Aug 2004 7:43 pm
Sample : IC3408-1
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:38 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Multiple Level Calibration





(19) carbon disulfide (M)

7.68min 1.03ug/L m

response 7831

Ion	Exp%	Act%
76.00	100	100
78.00	9.40	11.21
44.00	12.80	23.65
0.00	0.00	0.00

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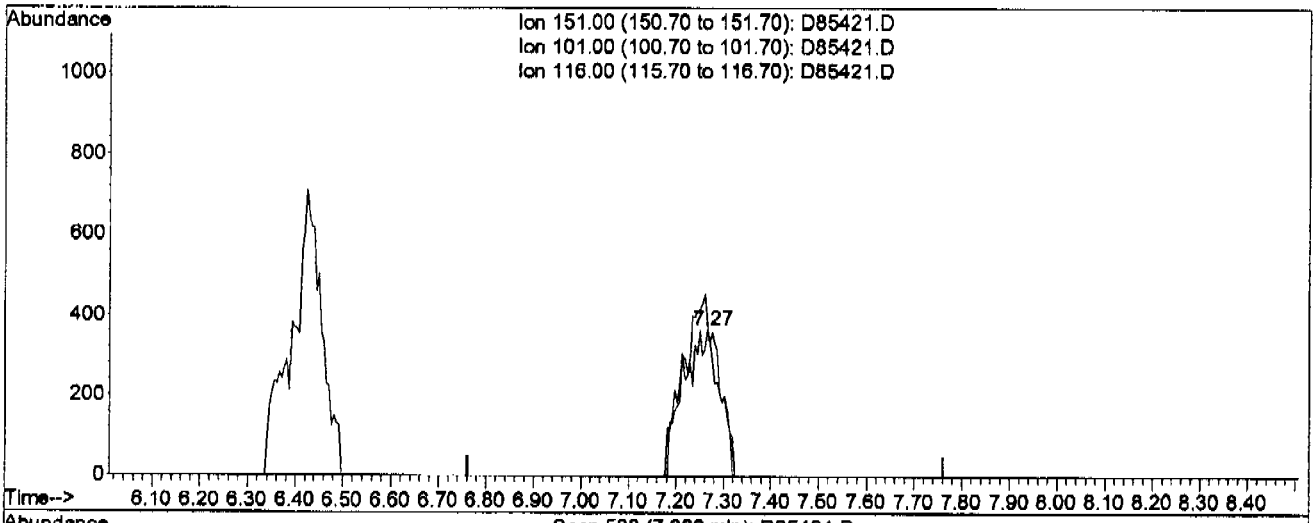
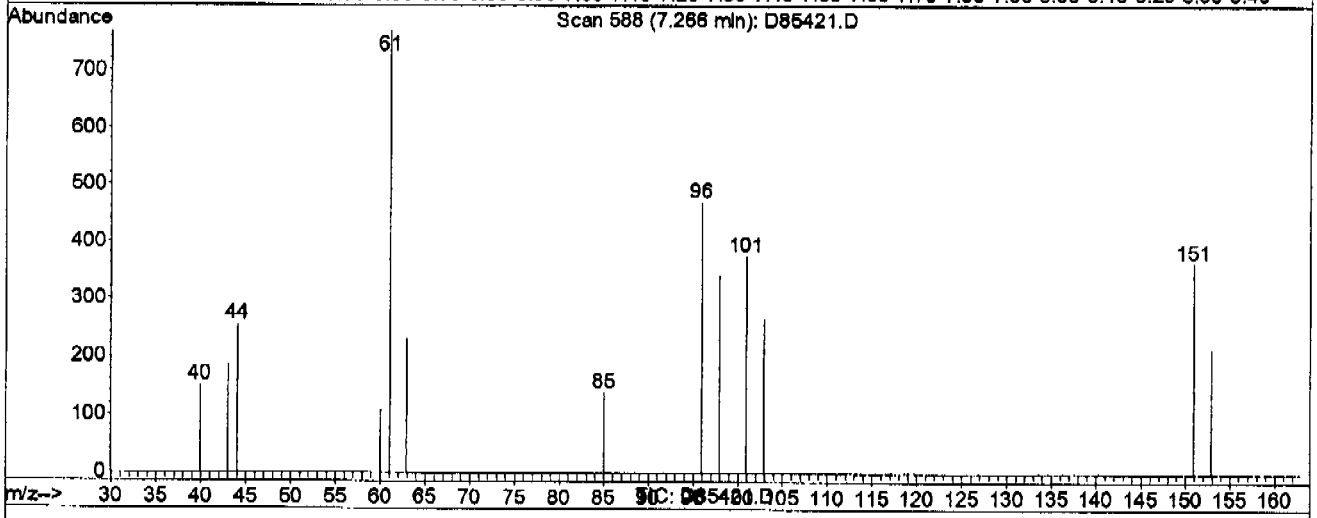
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\D85421.D
Acq On : 9 Aug 2004 7:43 pm
Sample : IC3408-1
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:38 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Multiple Level Calibration





(40) freon 113 (M)

7.27min 1.17ug/L m

response 1876

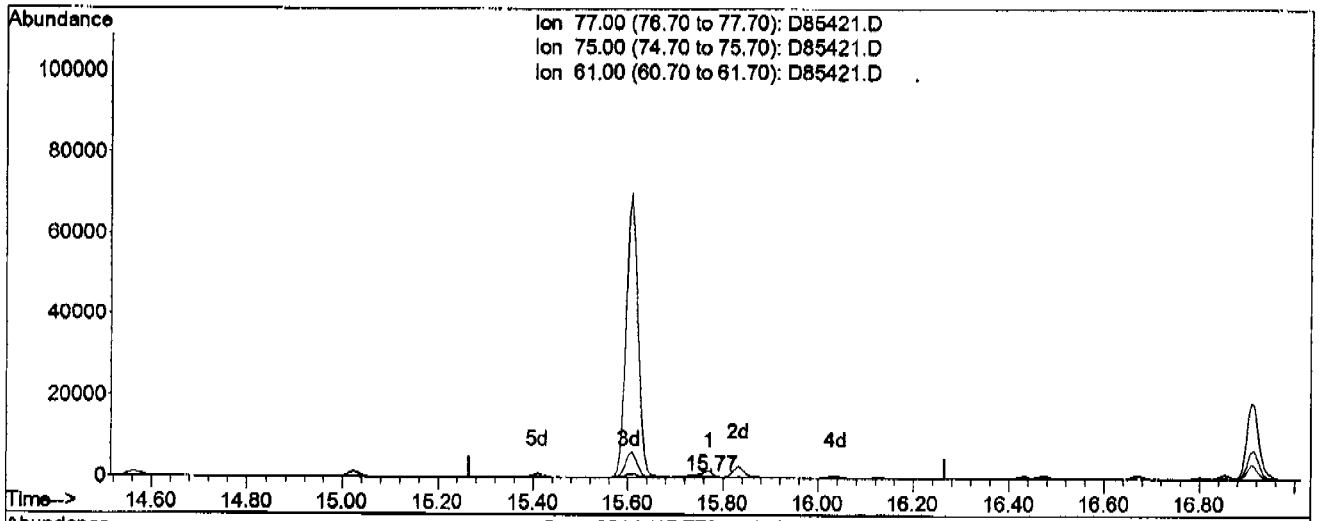
Ion	Exp%	Act%
151.00	100	100
101.00	115.90	103.02
116.00	12.00	0.00
0.00	0.00	0.00

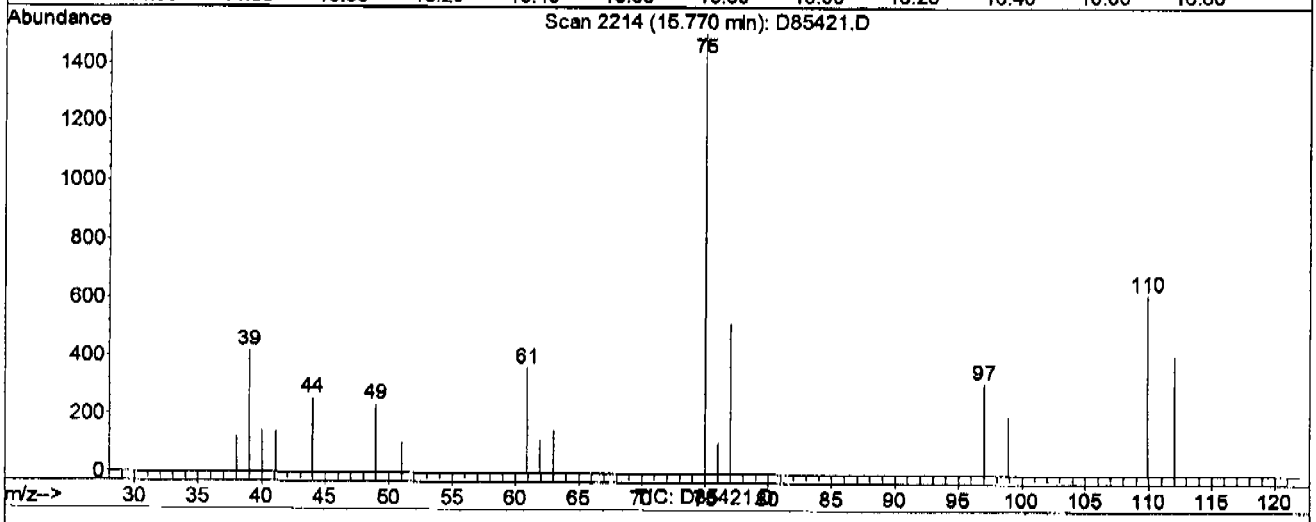
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\D85421.D
Acq On : 9 Aug 2004 7:43 pm
Sample : IC3408-1
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:38 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Multiple Level Calibration





(93) 1,2,3-trichloropropane (M)

15.77min 0.92ug/L m

response 833

Ion	Exp%	Act%
77.00	100	100
75.00	320.00	291.30
61.00	82.50	69.83
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\D85422.D
Acq On : 9 Aug 2004 8:13 pm
Sample : IC3408-2
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:25 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Quant Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:18:09 2004
Response via : Initial Calibration
DataAcq Meth : MD3408

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.81	65	175750	500.00 ug/L	0.00
3) pentafluorobenzene	10.08	168	377230	50.00 ug/L	0.00
44) 1,4-difluorobenzene	11.00	114	544530	50.00 ug/L	0.00
73) chlorobenzene-d5	14.34	117	506401	50.00 ug/L	0.00
86) 1,4-dichlorobenzene-d4	16.91	152	309917	50.00 ug/L	0.00

System Monitoring Compounds					
38) dibromofluoromethane (s)	10.10	113	163984	50.59 ug/L	0.00
Spiked Amount 50.000	Range 71 - 117		Recovery = 101.18%		
39) 1,2-dichloroethane-d4 (s)	10.52	65	196394	51.78 ug/L	0.00
Spiked Amount 50.000	Range 68 - 129		Recovery = 103.56%		
65) toluene-d8 (s)	12.71	98	637738	49.54 ug/L	0.00
Spiked Amount 50.000	Range 78 - 115		Recovery = 99.08%		
88) 4-bromofluorobenzene (s)	15.61	95	256166	50.23 ug/L	0.00
Spiked Amount 50.000	Range 73 - 127		Recovery = 100.46%		

Target Compounds					Qvalue
2) tertiary butyl alcohol	7.93	59	2234	9.26 ug/L	71
4) chlorodifluoromethane	4.44	51	5968	1.99 ug/L	99
5) dichlorodifluoromethane	4.42	85	4329	1.99 ug/L	86
6) chloromethane	4.80	50	5793	2.19 ug/L	89
7) vinyl chloride	5.06	62	5364	2.09 ug/L	95
8) bromomethane	5.76	94	4389	2.45 ug/L	97
9) chloroethane	5.93	64	3518	2.39 ug/L	79
10) trichlorofluoromethane	6.43	101	4973	1.61 ug/L	96
11) ethyl ether	6.81	74	2740	1.89 ug/L	91
12) acrolein	7.00	56	4466	21.74 ug/L	94
13) 1,1-dichloroethene	7.27	96	4307	1.93 ug/L	91
14) acetone	7.22	43	1997	2.23 ug/L	79
15) allyl chloride	7.74	41	8285	1.76 ug/L	94
16) acetonitrile	7.61	40	4042m	20.51 ug/L	
17) iodomethane	7.53	142	7441	1.88 ug/L	89
18) iso-butyl alcohol	10.30	41	7022m	18.32 ug/L	
19) carbon disulfide	7.68	76	14277m	1.89 ug/L	
20) methylene chloride	7.91	84	5417	2.01 ug/L	89
21) methyl acetate	7.71	43	4508	2.29 ug/L	84
22) methyl tert butyl ether	8.29	73	12923	1.97 ug/L	97
23) trans-1,2-dichloroethene	8.30	96	4896	2.02 ug/L	97
24) di-isopropyl ether	8.89	45	13847	1.93 ug/L	99
25) ethyl tert-butyl ether	9.35	59	13406	1.98 ug/L	98
26) 2-butanone	9.52	72	356	1.22 ug/L #	29
27) 1,1-dichloroethane	8.84	63	8648	2.01 ug/L	98
28) chloroprene	8.98	53	4932	1.83 ug/L	96
29) acrylonitrile	8.18	53	9647	9.61 ug/L	97
30) vinyl acetate	8.84	86	560	1.37 ug/L	74
31) ethyl acetate	9.57	45	495	1.88 ug/L	88
32) 2,2-dichloropropane	9.60	77	6427	2.09 ug/L	95
33) cis-1,2-dichloroethene	9.56	96	5288	2.00 ug/L	94
34) propionitrile	9.56	54	7490	19.71 ug/L	98
35) bromochloromethane	9.86	128	2529	1.88 ug/L	94

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\D85422.D
Acq On : 9 Aug 2004 8:13 pm
Sample : IC3408-2
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:25 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Quant Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:18:09 2004
Response via : Initial Calibration
DataAcq Meth : MD3408

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
36)	tetrahydrofuran	9.94	42	1514	1.96 ug/L		86
37)	chloroform	9.92	83	8362	2.00 ug/L		93
40)	freon 113	7.23	151	3472	2.18 ug/L	#	71
41)	methacrylonitrile	9.78	41	2793	1.87 ug/L		85
42)	1,1,1-trichloroethane	10.23	97	7348	2.00 ug/L		92
43)	tert-amyl methyl ether	10.71	73	14914	2.15 ug/L		92
45)	Di-isobutylene	11.31	57	9534	1.66 ug/L		78
46)	epichlorohydrin	12.23	57	3036	9.59 ug/L		94
47)	n-butyl alcohol	11.07	56	5713	83.56 ug/L		98
48)	carbon tetrachloride	10.45	117	5956	1.89 ug/L		94
49)	1,1-dichloropropene	10.40	75	6013	1.92 ug/L		95
50)	hexane	8.67	57	5066	1.81 ug/L		99
51)	benzene	10.65	78	19469	2.02 ug/L		99
52)	heptane	10.88	57	2717	1.88 ug/L		95
53)	isopropyl acetate	10.56	43	8038	1.90 ug/L	#	68
54)	1,2-dichloroethane	10.62	62	6650	2.05 ug/L		96
55)	trichloroethene	11.36	95	4888	1.98 ug/L		99
56)	2-nitropropane	12.07	43	908	1.55 ug/L		90
57)	2-chloroethyl vinyl ether	12.13	63	14544	9.53 ug/L		98
58)	methyl methacrylate	11.62	69	4459	1.79 ug/L		93
59)	1,2-dichloropropane	11.61	63	4899	1.96 ug/L		95
60)	methylcyclohexane	11.65	83	7089	1.85 ug/L		92
61)	dibromomethane	11.74	93	3116	1.99 ug/L		91
62)	1,4-dioxane	11.71	88	1064	43.19 ug/L		77
63)	bromodichloromethane	11.88	83	5738	1.84 ug/L		100
64)	cis-1,3-dichloropropene	12.37	75	7415	1.84 ug/L		94
66)	4-methyl-2-pentanone	12.47	43	6399	1.81 ug/L		97
67)	toluene	12.79	92	12075	1.95 ug/L		97
68)	3-methyl-1-butanol	12.46	70	1995	30.75 ug/L		85
69)	trans-1,3-dichloropropene	12.94	75	6632	1.79 ug/L		94
70)	ethyl methacrylate	12.97	69	5044	1.62 ug/L		92
71)	1,1,2-trichloroethane	13.17	83	3750	1.96 ug/L		96
72)	2-hexanone	13.38	43	2720	1.76 ug/L		93
74)	tetrachloroethene	13.44	166	6043	2.01 ug/L		96
75)	1,3-dichloropropane	13.37	76	7817	2.00 ug/L		95
76)	butyl acetate	13.48	56	2750	1.78 ug/L		92
77)	dibromochloromethane	13.66	129	4158	1.72 ug/L		92
78)	1,2-dibromoethane	13.83	107	4429	1.94 ug/L		96
79)	chlorobenzene	14.37	112	14444	1.99 ug/L		99
80)	1,1,1,2-tetrachloroethane	14.42	131	4882	1.92 ug/L		93
81)	ethylbenzene	14.45	91	21781	1.93 ug/L		99
82)	m,p-xylene	14.57	106	17530	3.92 ug/L		99
83)	o-xylene	15.03	106	8375	1.86 ug/L		87
84)	styrene	15.03	104	12175	1.73 ug/L		94
85)	bromoform	15.28	173	2801	1.64 ug/L		97
87)	isopropylbenzene	15.42	105	19146	1.82 ug/L		98
89)	bromobenzene	15.83	156	6251	1.89 ug/L		99
90)	cyclohexanone	15.54	55	4974	2.51 ug/L		96
91)	1,1,2,2-tetrachloroethane	15.68	83	6208	1.96 ug/L		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\D85422.D
Acq On : 9 Aug 2004 8:13 pm
Sample : IC3408-2
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:25 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Quant Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:18:09 2004
Response via : Initial Calibration
DataAcq Meth : MD3408

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
92)	trans-1,4-dichloro-2-buten	15.73	53	1495	1.76 ug/L	82
93)	1,2,3-trichloropropane	15.77	77	1650m	1.81 ug/L	
94)	n-propylbenzene	15.87	91	25831	1.91 ug/L	99
95)	2-chlorotoluene	16.02	91	18432	1.95 ug/L	99
96)	4-chlorotoluene	16.12	91	16698	1.93 ug/L	93
97)	1,3,5-trimethylbenzene	16.04	105	17730	1.84 ug/L	99
98)	tert-butylbenzene	16.43	91	9824m	1.78 ug/L	
99)	pentachloroethane	16.49	167	3268	1.70 ug/L	87
100)	1,2,4-trimethylbenzene	16.47	105	18439	1.84 ug/L	100
101)	sec-butylbenzene	16.67	105	23103	1.83 ug/L	99
102)	1,3-dichlorobenzene	16.86	146	12649	1.93 ug/L	97
103)	p-isopropyltoluene	16.80	119	19561	1.80 ug/L	96
104)	1,4-dichlorobenzene	16.94	146	13469	1.96 ug/L	96
105)	1,2-dichlorobenzene	17.37	146	12270	1.92 ug/L	100
106)	n-butylbenzene	17.26	91	17450	1.81 ug/L	98
107)	1,2-dibromo-3-chloropropan	18.19	75	946	1.74 ug/L	91
108)	1,2,4-trichlorobenzene	19.17	180	7490	1.81 ug/L	96
109)	hexachlorobutadiene	19.33	225	4205	1.92 ug/L	97
110)	naphthalene	19.48	128	12741	1.64 ug/L	97
111)	1,2,3-trichlorobenzene	19.76	180	5851	1.78 ug/L	98
112)	hexachloroethane	17.70	119	2940	1.61 ug/L	98
113)	Cyclohexane	10.34	84	6996	1.97 ug/L #	100

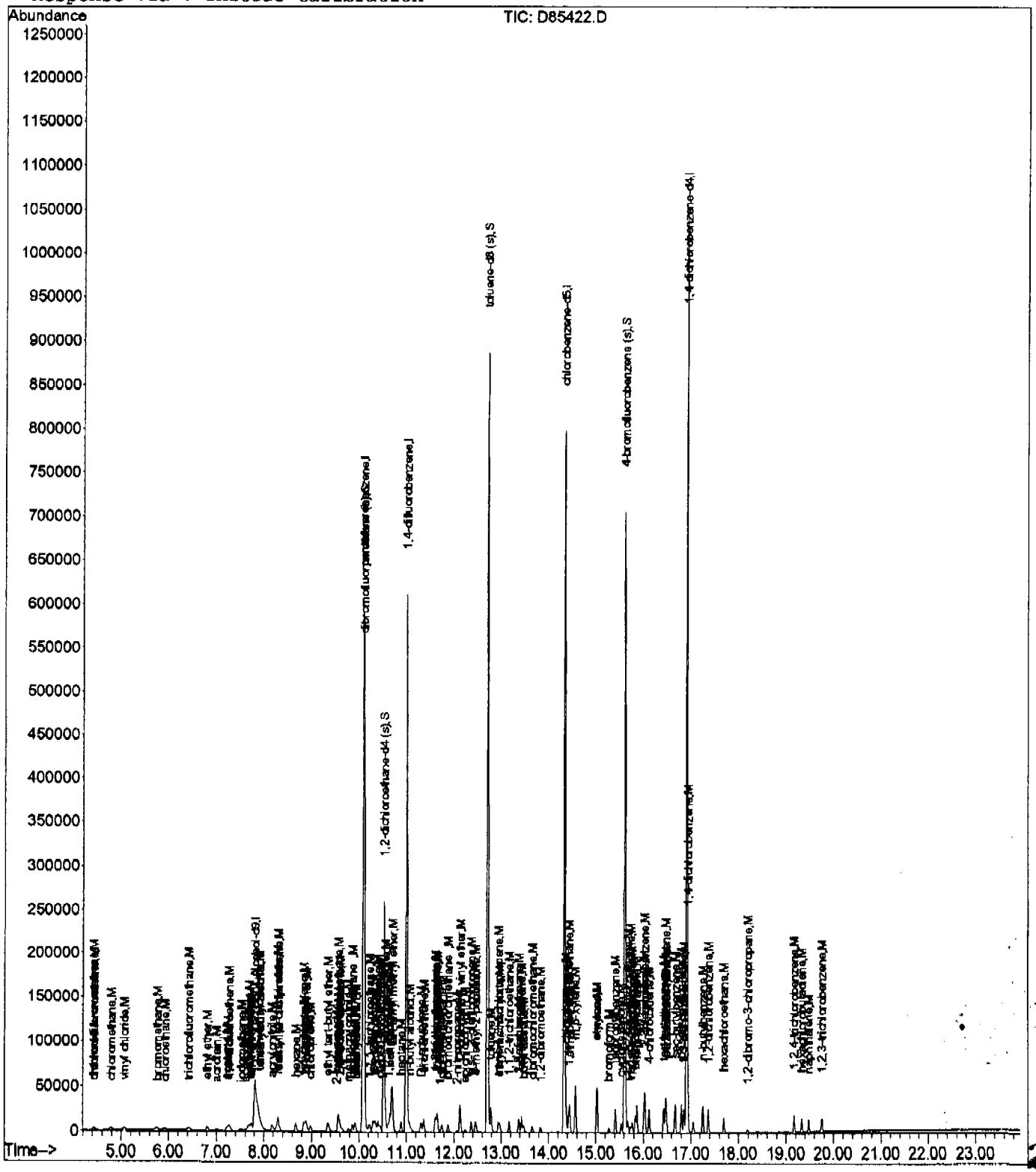
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\D85422.D
Acq On : 9 Aug 2004 8:13 pm
Sample : IC3408-2
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:25 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Initial Calibration



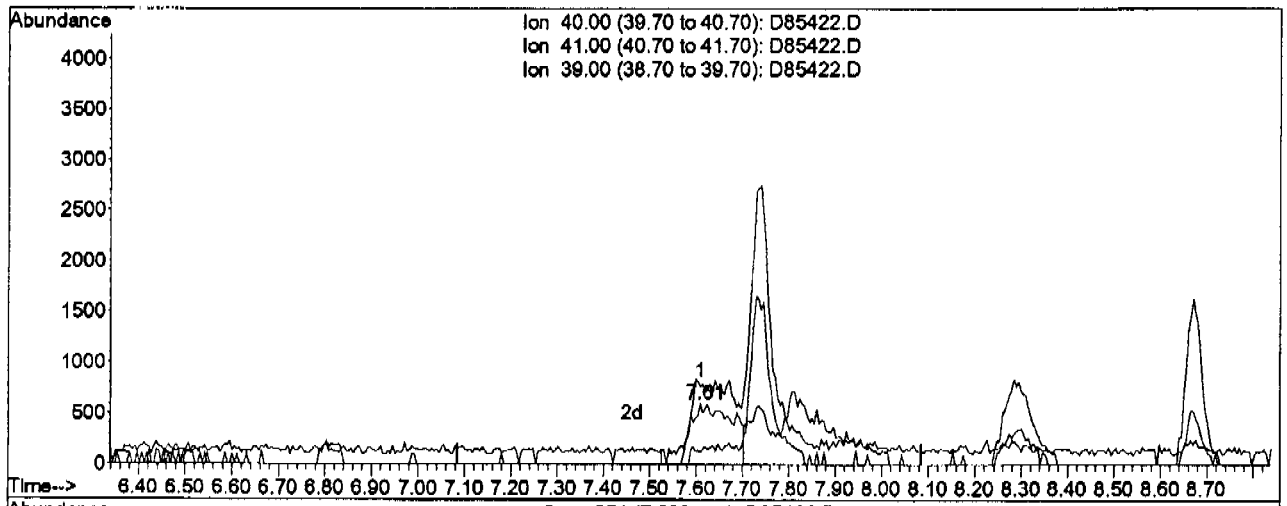
283

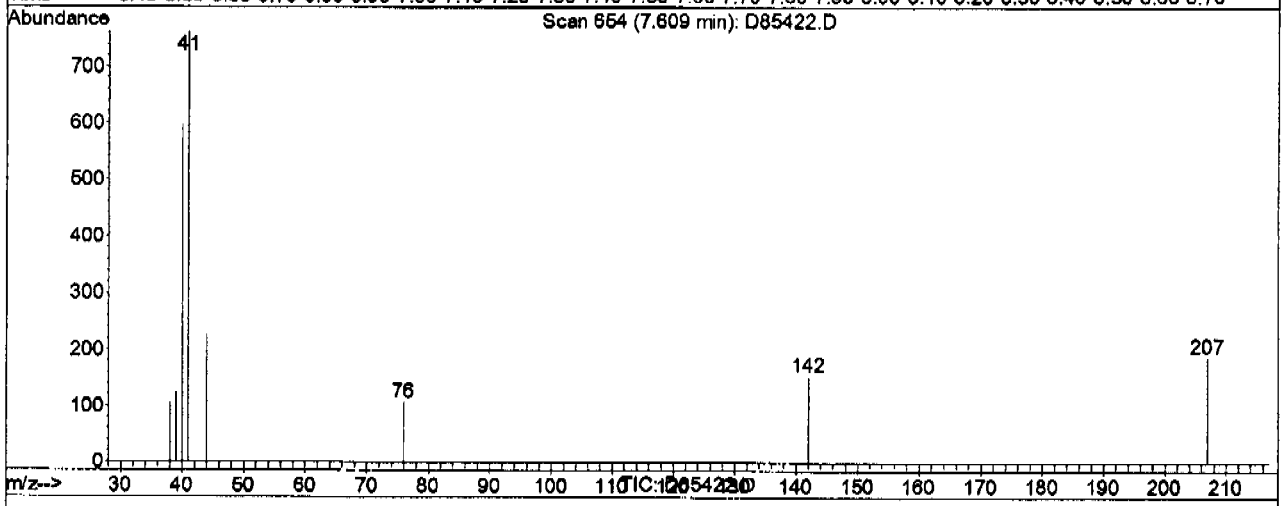
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\D85422.D
Acq On : 9 Aug 2004 8:13 pm
Sample : IC3408-2
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:25 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Multiple Level Calibration





(16) acetonitrile (M)

7.61min 20.51ug/L m

response 4042

Ion	Exp%	Act%
40.00	100	100
41.00	194.00	127.85#
39.00	36.20	20.64
0.00	0.00	0.00

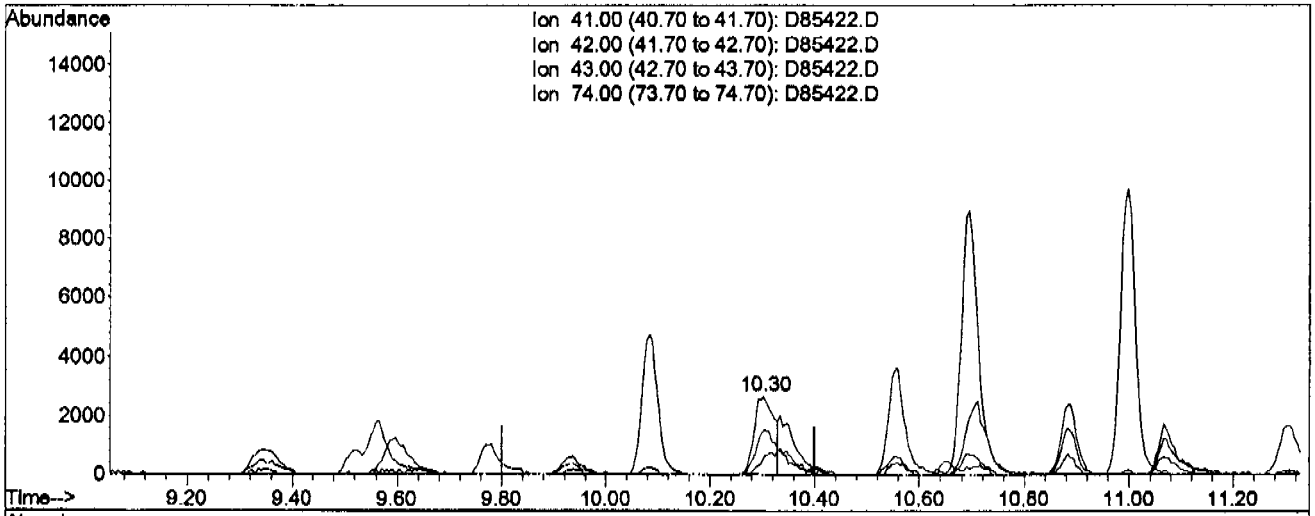
284

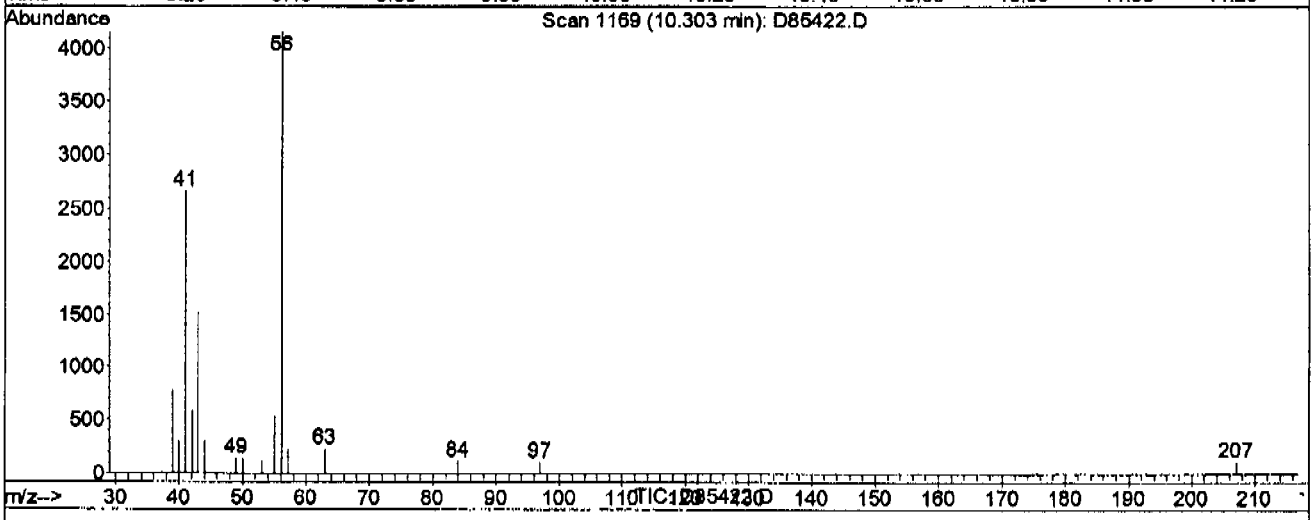
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\D85422.D
Acq On : 9 Aug 2004 8:13 pm
Sample : IC3408-2
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:25 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Multiple Level Calibration





(18) Iso-butyl alcohol (M)

10.30min 18.32ug/L m

response 7022

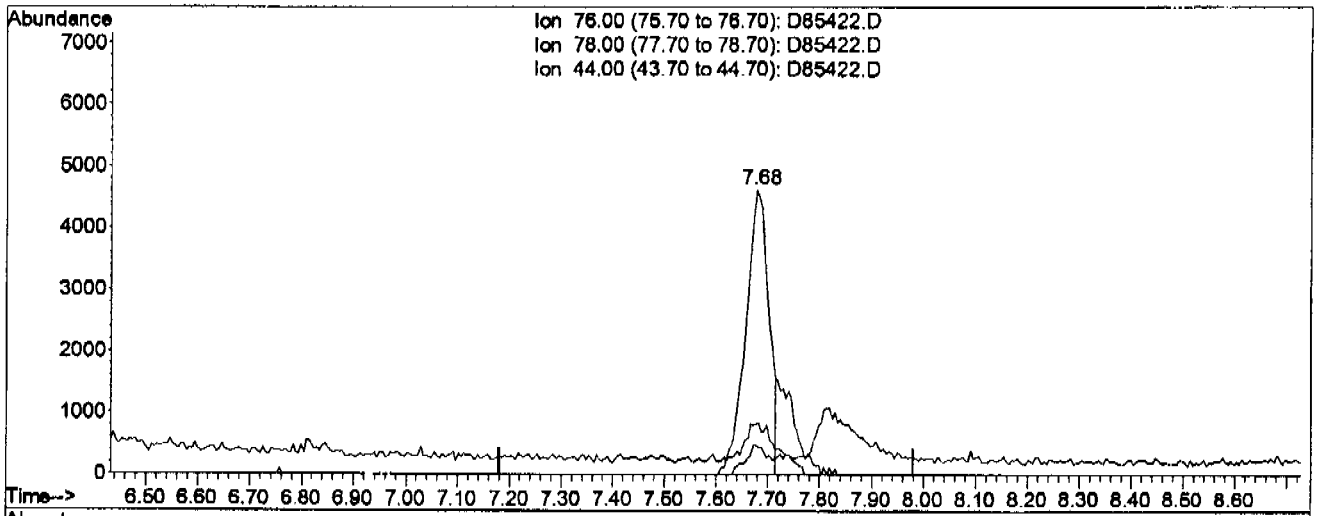
Ion	Exp%	Act%
41.00	100	100
42.00	23.60	22.02
43.00	64.90	57.05
74.00	2.90	0.00

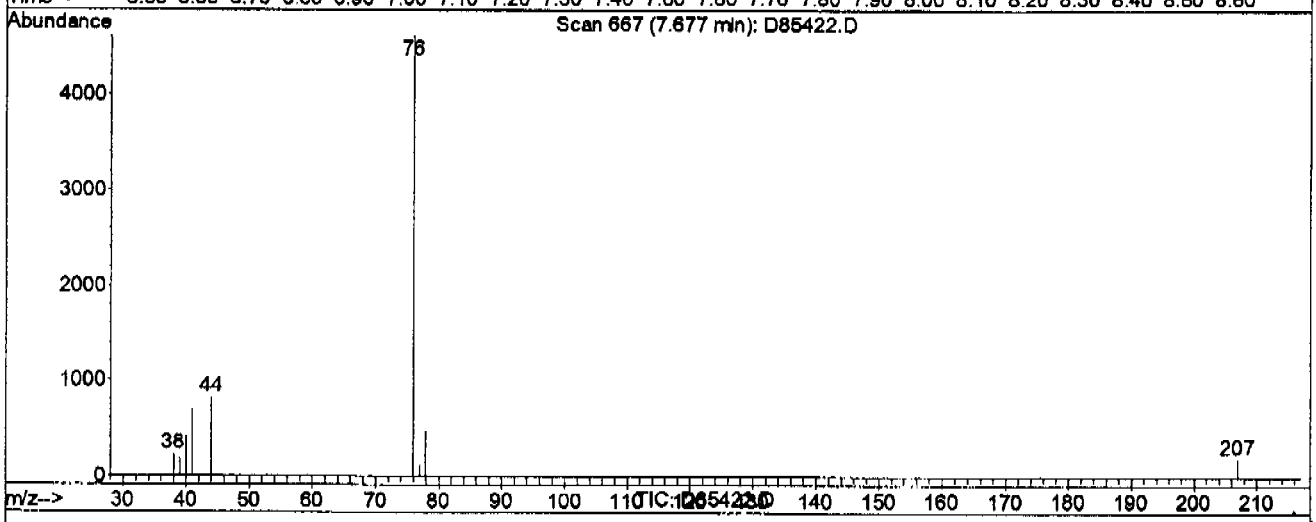
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\D85422.D
Acq On : 9 Aug 2004 8:13 pm
Sample : IC3408-2
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:25 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Multiple Level Calibration





(19) carbon disulfide (M)

7.68min 1.89ug/L m

response 14277

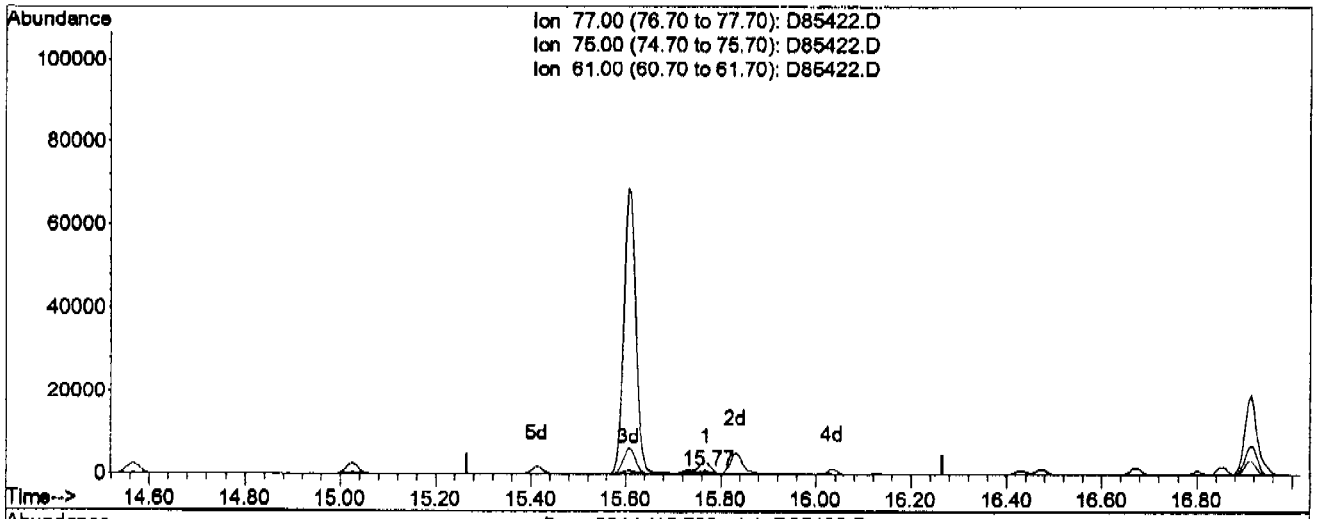
Ion	Exp%	Act%
76.00	100	100
78.00	9.40	10.20
44.00	12.80	17.67
0.00	0.00	0.00

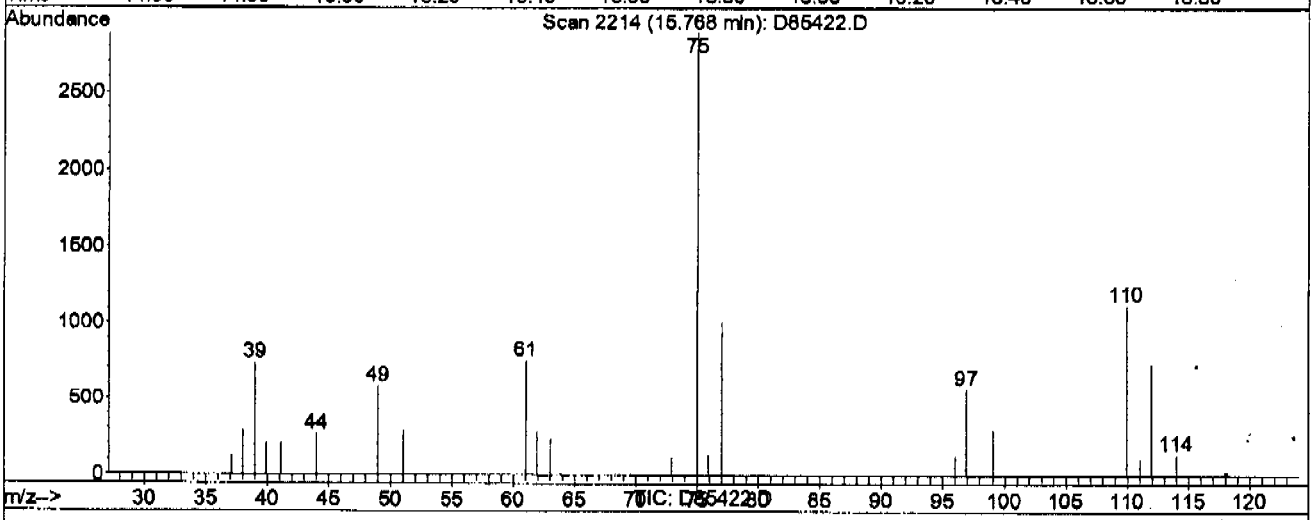
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\D85422.D
Acq On : 9 Aug 2004 8:13 pm
Sample : IC3408-2
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:25 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Multiple Level Calibration





(93) 1,2,3-trichloropropane (M)

15.77min 1.81ug/L m

response 1650

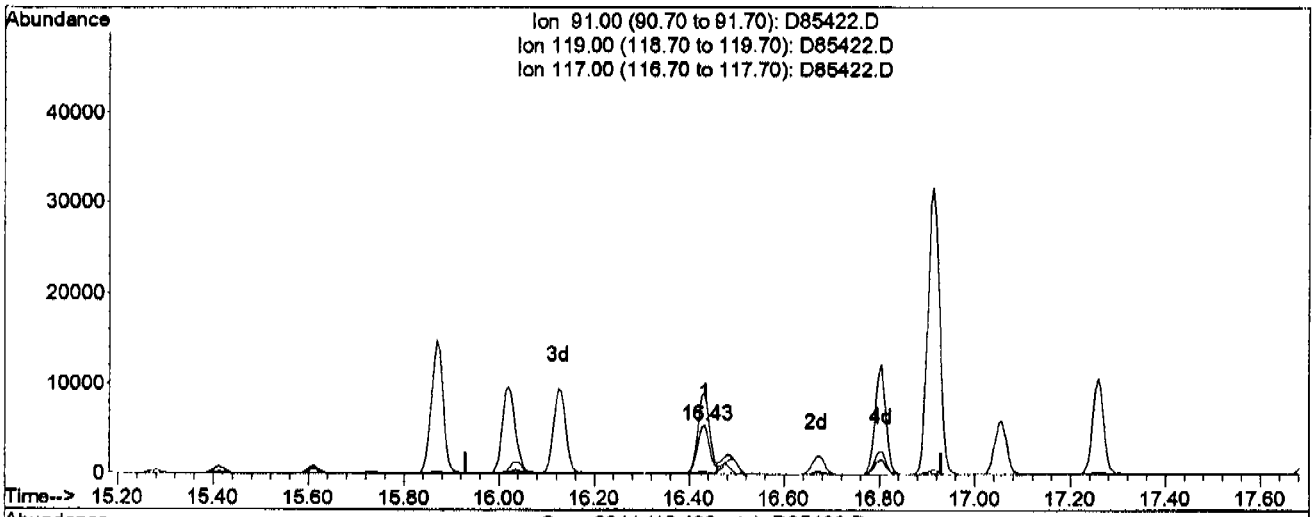
Ion	Exp%	Act%
77.00	100	100
75.00	320.00	286.71#
61.00	82.60	74.11
0.00	0.00	0.00

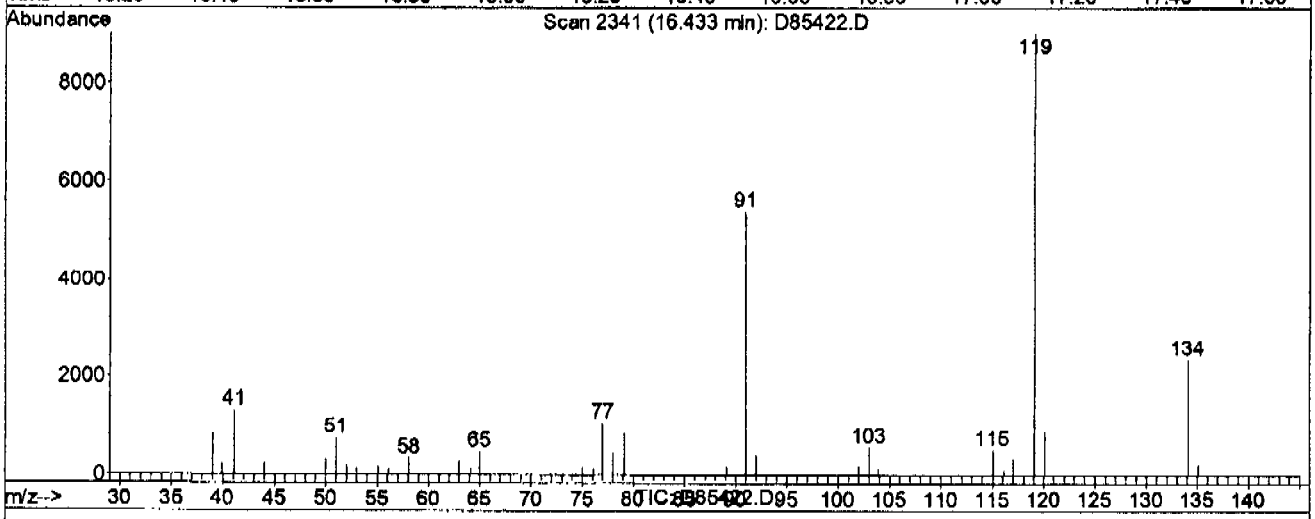
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\D85422.D
Acq On : 9 Aug 2004 8:13 pm
Sample : IC3408-2
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:25 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Multiple Level Calibration





(98) tert-butylbenzene (M)

16.43min 1.78ug/L m

response 9824

Ion	Exp%	Act%
91.00	100	100
119.00	164.80	167.66
117.00	5.60	6.16
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\D85423.D
Acq On : 9 Aug 2004 8:44 pm
Sample : IC3408-5
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:26 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Quant Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:18:09 2004
Response via : Initial Calibration
DataAcq Meth : MD3408

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.82	65	170965	500.00 ug/L	0.00
3) pentafluorobenzene	10.09	168	391997	50.00 ug/L	0.00
44) 1,4-difluorobenzene	11.00	114	566479	50.00 ug/L	0.00
73) chlorobenzene-d5	14.33	117	528116	50.00 ug/L	0.00
86) 1,4-dichlorobenzene-d4	16.91	152	325305	50.00 ug/L	0.00

System Monitoring Compounds

38) dibromofluoromethane (s)	10.10	113	169328	50.27 ug/L	0.00
Spiked Amount 50.000	Range 71 - 117		Recovery = 100.54%		
39) 1,2-dichloroethane-d4 (s)	10.53	65	201044	51.01 ug/L	0.00
Spiked Amount 50.000	Range 68 - 129		Recovery = 102.02%		
65) toluene-d8 (s)	12.71	98	664265	49.60 ug/L	0.00
Spiked Amount 50.000	Range 78 - 115		Recovery = 99.20%		
88) 4-bromofluorobenzene (s)	15.61	95	269003	50.25 ug/L	0.00
Spiked Amount 50.000	Range 73 - 127		Recovery = 100.50%		

Target Compounds

					Qvalue
2) tertiary butyl alcohol	7.94	59	5857	24.95 ug/L	92
4) chlorodifluoromethane	4.43	51	15993	5.12 ug/L	95
5) dichlorodifluoromethane	4.41	85	11638	5.14 ug/L	94
6) chloromethane	4.79	50	14456	5.27 ug/L	99
7) vinyl chloride	5.07	62	13547	5.07 ug/L	99
8) bromomethane	5.75	94	10258	5.52 ug/L	98
9) chloroethane	5.94	64	8714	5.69 ug/L	97
10) trichlorofluoromethane	6.43	101	16847	5.25 ug/L	97
11) ethyl ether	6.81	74	7359	4.89 ug/L	99
12) acrolein	7.00	56	11640	54.52 ug/L	97
13) 1,1-dichloroethene	7.27	96	11537	4.99 ug/L	90
14) acetone	7.22	43	4412	4.74 ug/L	90
15) allyl chloride	7.74	41	26587	5.44 ug/L	90
16) acetonitrile	7.61	40	8198m	40.04 ug/L	
17) iodomethane	7.52	142	20315	4.94 ug/L	99
18) iso-butyl alcohol	10.30	41	17980m	45.15 ug/L	
19) carbon disulfide	7.68	76	38257m	4.88 ug/L	
20) methylene chloride	7.90	84	14107	5.04 ug/L	98
21) methyl acetate	7.71	43	11006	5.39 ug/L	90
22) methyl tert butyl ether	8.29	73	32990	4.85 ug/L	96
23) trans-1,2-dichloroethene	8.30	96	12636	5.02 ug/L	94
24) di-isopropyl ether	8.88	45	36890	4.96 ug/L	92
25) ethyl tert-butyl ether	9.34	59	34568	4.90 ug/L	99
26) 2-butanone	9.52	72	1490	4.90 ug/L	92
27) 1,1-dichloroethane	8.84	63	23074	5.15 ug/L	99
28) chloroprene	8.98	53	13583	4.84 ug/L	99
29) acrylonitrile	8.17	53	25908	24.85 ug/L	93
30) vinyl acetate	8.83	86	2093	4.93 ug/L #	92
31) ethyl acetate	9.56	45	1569	5.72 ug/L	58
32) 2,2-dichloropropane	9.60	77	16658	5.22 ug/L	99
33) cis-1,2-dichloroethene	9.56	96	13943	5.07 ug/L	95
34) propionitrile	9.55	54	20053	50.79 ug/L	98
35) bromochloromethane	9.86	128	6735	4.82 ug/L	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\D85423.D
Acq On : 9 Aug 2004 8:44 pm
Sample : IC3408-5
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:26 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Quant Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:18:09 2004
Response via : Initial Calibration
DataAcq Meth : MD3408

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
36)	tetrahydrofuran	9.93	42	3724	4.63 ug/L	95
37)	chloroform	9.91	83	22236	5.11 ug/L	96
40)	freon 113	7.26	151	9210	5.56 ug/L	94
41)	methacrylonitrile	9.77	41	7603	4.89 ug/L	91
42)	1,1,1-trichloroethane	10.22	97	19262	5.04 ug/L	96
43)	tert-amyl methyl ether	10.71	73	37904	5.27 ug/L	92
45)	Di-isobutylene	11.31	57	28930	4.85 ug/L	83
46)	epichlorohydrin	12.23	57	7972	24.20 ug/L	95
47)	n-butyl alcohol	11.07	56	16545	232.63 ug/L	97
48)	carbon tetrachloride	10.44	117	16581	5.05 ug/L	98
49)	1,1-dichloropropene	10.40	75	16355	5.01 ug/L	97
50)	hexane	8.67	57	13765	4.72 ug/L	96
51)	benzene	10.65	78	50981	5.08 ug/L	99
52)	heptane	10.89	57	7402	4.91 ug/L	97
53)	isopropyl acetate	10.55	43	21504	4.89 ug/L	80
54)	1,2-dichloroethane	10.62	62	17099	5.07 ug/L	100
55)	trichloroethene	11.36	95	12992	5.06 ug/L	94
56)	2-nitropropane	12.07	43	2367	3.89 ug/L	91
57)	2-chloroethyl vinyl ether	12.13	63	40649	25.60 ug/L	98
58)	methyl methacrylate	11.61	69	12060	4.65 ug/L	90
59)	1,2-dichloropropane	11.60	63	13141	5.06 ug/L	94
60)	methylcyclohexane	11.65	83	19533	4.91 ug/L	94
61)	dibromomethane	11.75	93	8238	5.07 ug/L	93
62)	1,4-dioxane	11.71	88	3353	130.85 ug/L	90
63)	bromodichloromethane	11.88	83	15838	4.89 ug/L	98
64)	cis-1,3-dichloropropene	12.37	75	20471	4.88 ug/L	97
66)	4-methyl-2-pentanone	12.47	43	17529	4.77 ug/L	99
67)	toluene	12.79	92	32123	4.99 ug/L	99
68)	3-methyl-1-butanol	12.46	70	5904	87.48 ug/L	84
69)	trans-1,3-dichloropropene	12.94	75	18631	4.82 ug/L	95
70)	ethyl methacrylate	12.97	69	15225	4.69 ug/L	98
71)	1,1,2-trichloroethane	13.17	83	9958	5.00 ug/L	96
72)	2-hexanone	13.38	43	7546	4.69 ug/L	99
74)	tetrachloroethene	13.43	166	16014	5.10 ug/L	98
75)	1,3-dichloropropane	13.38	76	20424	5.00 ug/L	97
76)	butyl acetate	13.48	56	7787	4.84 ug/L	90
77)	dibromochloromethane	13.66	129	11788	4.69 ug/L	97
78)	1,2-dibromoethane	13.83	107	11660	4.89 ug/L	99
79)	chlorobenzene	14.37	112	37300	4.93 ug/L	91
80)	1,1,1,2-tetrachloroethane	14.42	131	13133	4.95 ug/L	97
81)	ethylbenzene	14.45	91	58868	5.00 ug/L	99
82)	m,p-xylene	14.56	106	47405	10.16 ug/L	97
83)	o-xylene	15.02	106	23741	5.06 ug/L	98
84)	styrene	15.02	104	36570	4.99 ug/L	99
85)	bromoform	15.28	173	7884	4.42 ug/L	95
87)	isopropylbenzene	15.41	105	54026	4.89 ug/L	100
89)	bromobenzene	15.84	156	16939	4.88 ug/L	99
90)	cyclohexanone	15.54	55	10087	4.84 ug/L	98
91)	1,1,2,2-tetrachloroethane	15.68	83	16171	4.87 ug/L	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\D85423.D
Acq On : 9 Aug 2004 8:44 pm
Sample : IC3408-5
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:26 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Quant Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:18:09 2004
Response via : Initial Calibration
DataAcq Meth : MD3408

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
92)	trans-1,4-dichloro-2-buten	15.73	53	4040	4.54 ug/L	83
93)	1,2,3-trichloropropane	15.77	77	4708	4.91 ug/L	93
94)	n-propylbenzene	15.87	91	71448	5.04 ug/L	98
95)	2-chlorotoluene	16.02	91	49956	5.04 ug/L	99
96)	4-chlorotoluene	16.13	91	46139	5.07 ug/L	97
97)	1,3,5-trimethylbenzene	16.03	105	50738	5.03 ug/L	99
98)	tert-butylbenzene	16.43	91	28673m	4.95 ug/L	
99)	pentachloroethane	16.49	167	9374	4.64 ug/L	86
100)	1,2,4-trimethylbenzene	16.47	105	52922	5.02 ug/L	99
101)	sec-butylbenzene	16.67	105	65371	4.93 ug/L	99
102)	1,3-dichlorobenzene	16.86	146	34164	4.97 ug/L	100
103)	p-isopropyltoluene	16.80	119	56027	4.92 ug/L	100
104)	1,4-dichlorobenzene	16.94	146	35778	4.97 ug/L	94
105)	1,2-dichlorobenzene	17.37	146	32981	4.91 ug/L	99
106)	n-butylbenzene	17.26	91	50064	4.95 ug/L	98
107)	1,2-dibromo-3-chloropropan	18.19	75	2577	4.51 ug/L	92
108)	1,2,4-trichlorobenzene	19.17	180	20975	4.83 ug/L	99
109)	hexachlorobutadiene	19.33	225	11311	4.92 ug/L	96
110)	naphthalene	19.48	128	37699	4.62 ug/L	98
111)	1,2,3-trichlorobenzene	19.76	180	16612	4.80 ug/L	97
112)	hexachloroethane	17.70	119	8507	4.44 ug/L	98
113)	Cyclohexane	10.34	84	18314	4.92 ug/L #	100

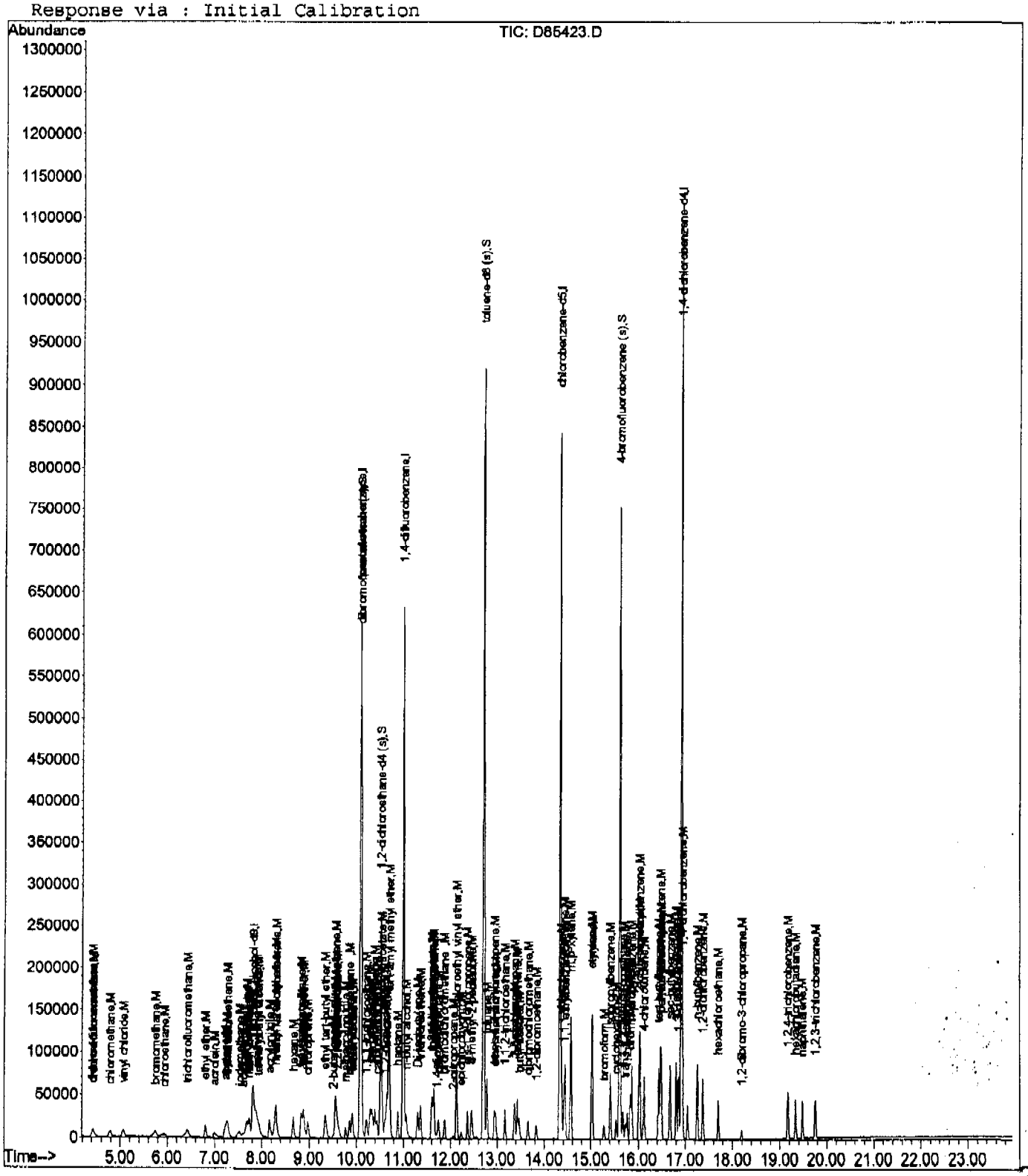
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\D85423.D
Acq On : 9 Aug 2004 8:44 pm
Sample : IC3408-5
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:26 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Initial Calibration

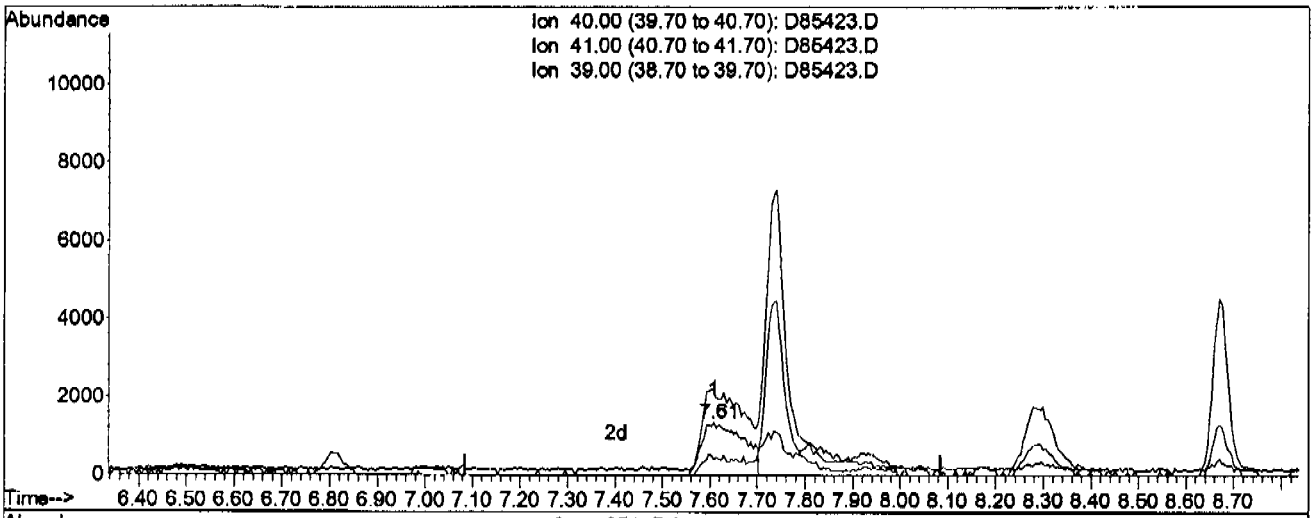


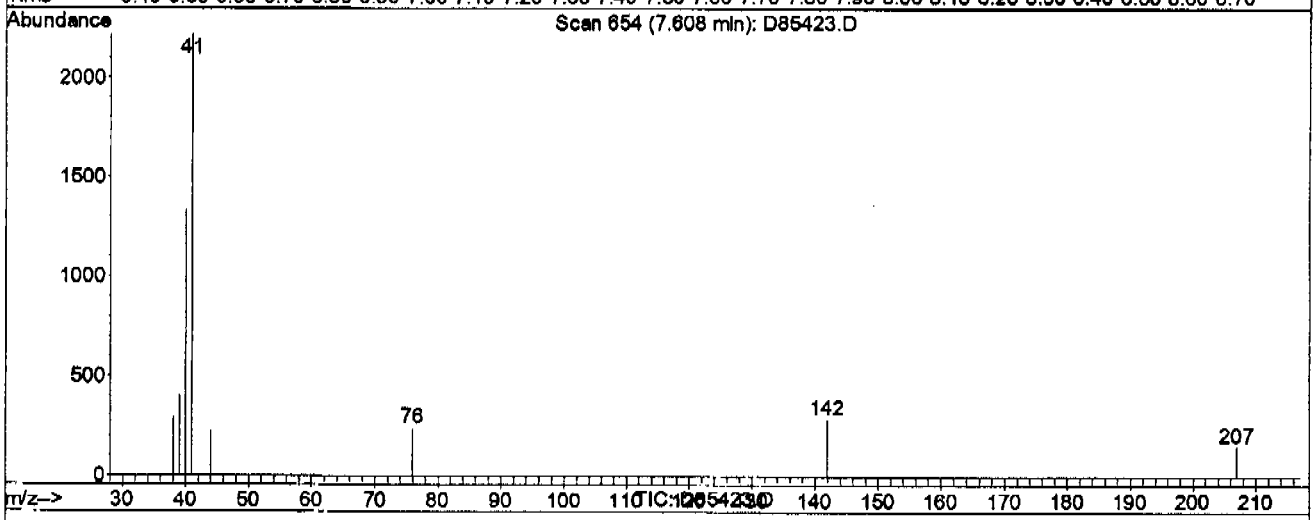
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\D85423.D
Acq On : 9 Aug 2004 8:44 pm
Sample : IC3408-5
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:26 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Multiple Level Calibration





(16) acetonitrile (M)

7.61min 40.04ug/L m

response 8198

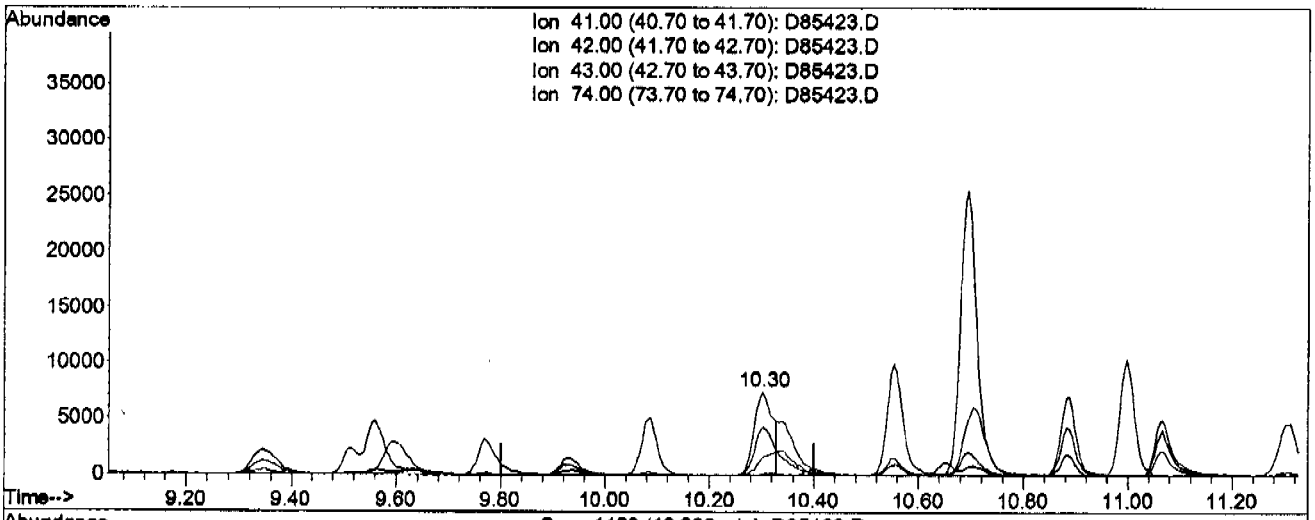
Ion	Exp%	Act%
40.00	100	100
41.00	194.00	166.59
39.00	36.20	30.33
0.00	0.00	0.00

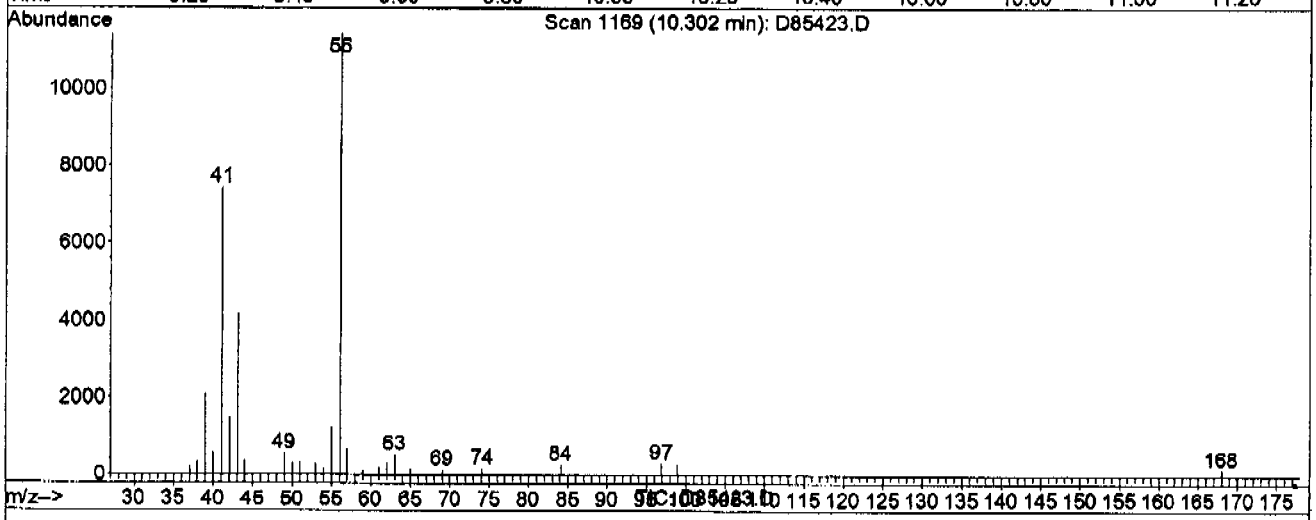
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\D85423.D
Acq On : 9 Aug 2004 8:44 pm
Sample : IC3408-5
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:26 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Multiple Level Calibration





(18) Iso-butyl alcohol (M)

10.30min 45.15ug/L m

response 17980

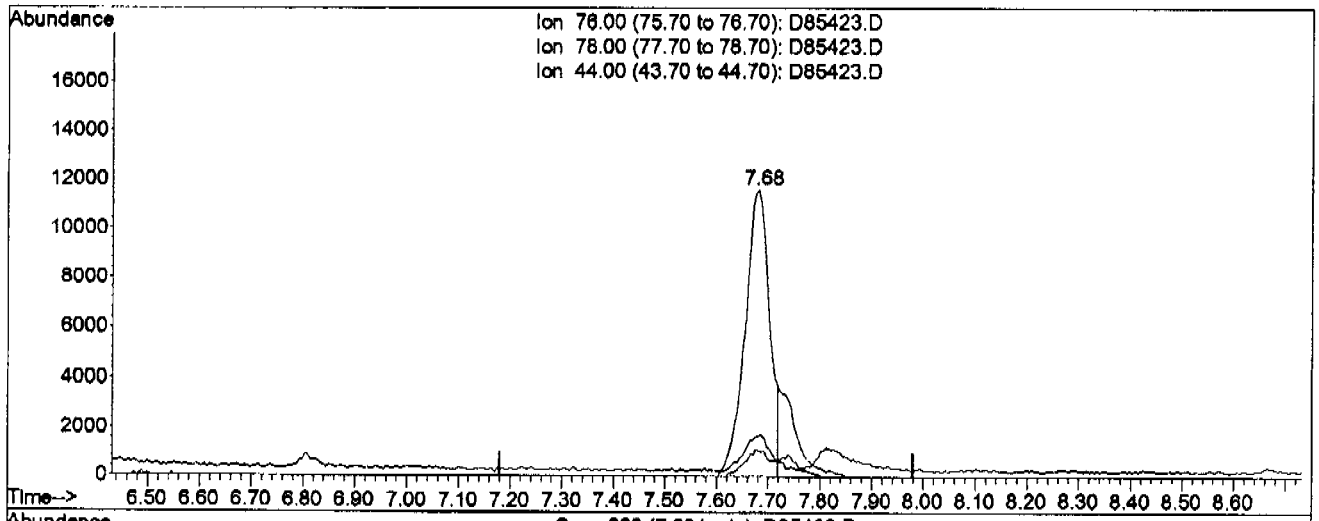
Ion	Exp%	Act%
41.00	100	100
42.00	23.60	20.03
43.00	64.90	56.50
74.00	2.90	2.14

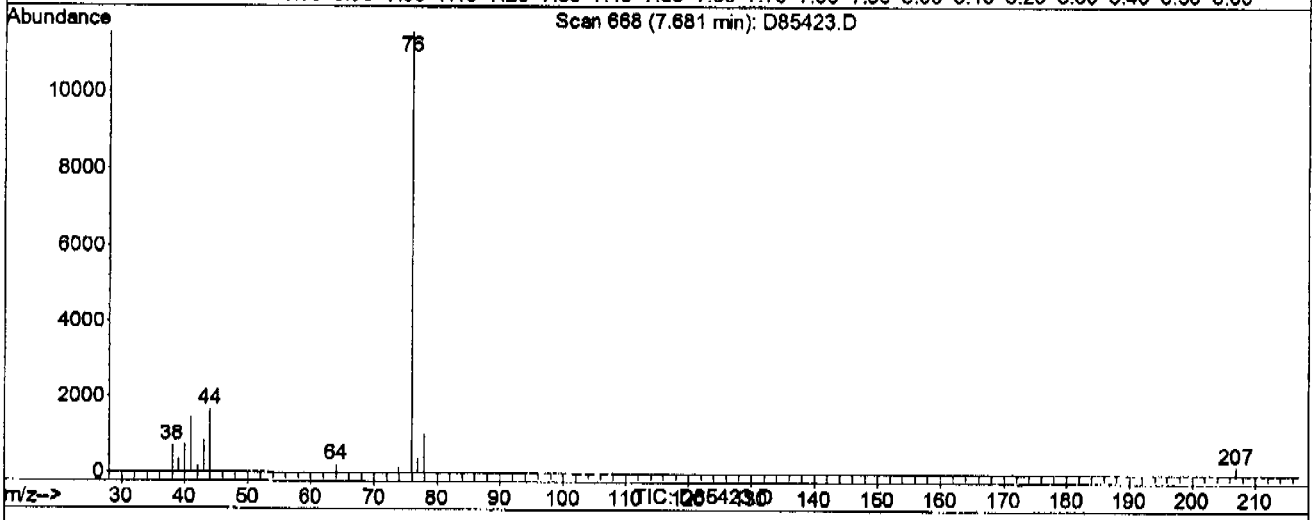
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\D85423.D
Acq On : 9 Aug 2004 8:44 pm
Sample : IC3408-5
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:26 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Multiple Level Calibration





(19) carbon disulfide (M)

7.68min 4.88ug/L m

response 38257

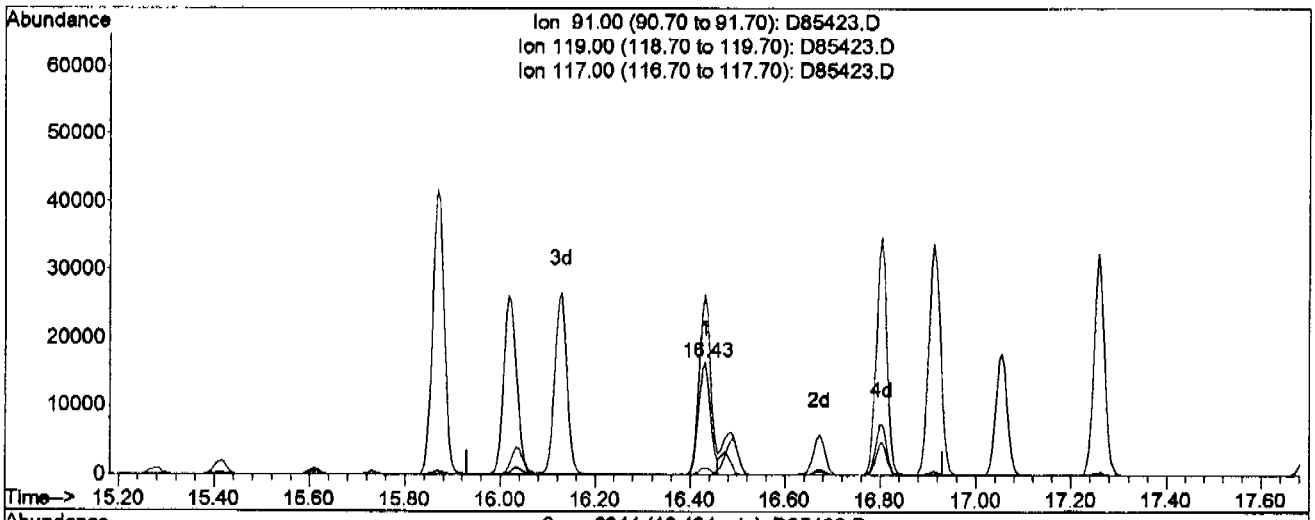
Ion	Exp%	Act%
76.00	100	100
78.00	9.40	8.92
44.00	12.80	14.35
0.00	0.00	0.00

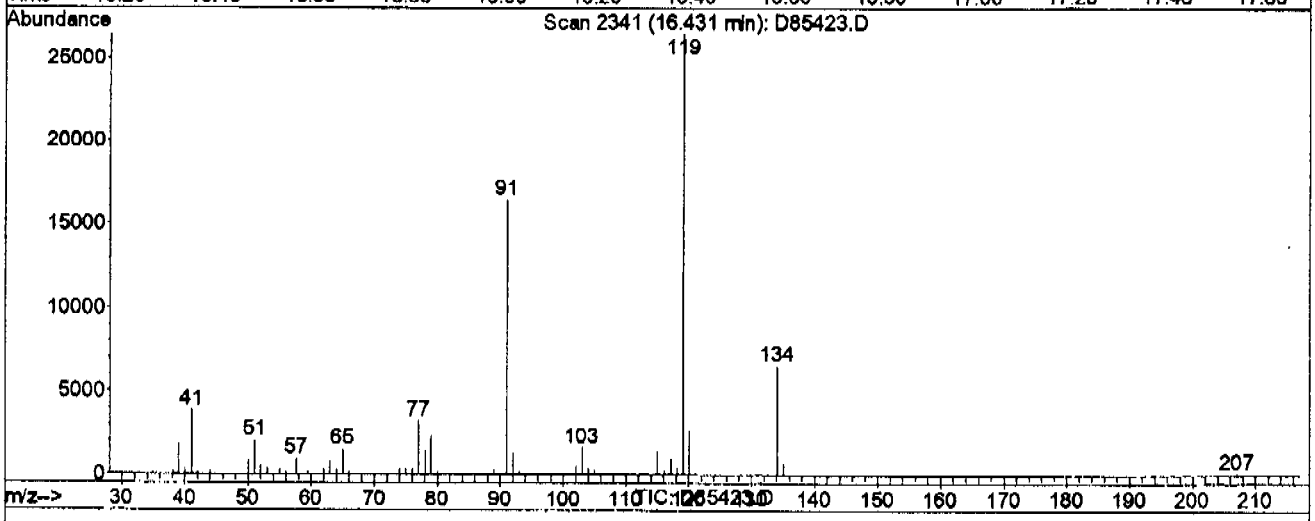
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\D85423.D
Acq On : 9 Aug 2004 8:44 pm
Sample : IC3408-5
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:26 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Multiple Level Calibration





(98) tert-butylbenzene (M)

16.43min 4.95ug/L m

response 28673

Ion	Exp%	Act%
91.00	100	100
119.00	164.80	160.88
117.00	5.60	5.74
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\D85424.D
Acq On : 9 Aug 2004 9:14 pm
Sample : IC3408-20
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:27 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00

Quant Results File: MD3408.RES

Quant Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:18:09 2004
Response via : Initial Calibration
DataAcq Meth : MD3408

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.81	65	178310	500.00 ug/L	0.00
3) pentafluorobenzene	10.09	168	403190	50.00 ug/L	0.00
44) 1,4-difluorobenzene	11.00	114	584677	50.00 ug/L	0.00
73) chlorobenzene-d5	14.34	117	552277	50.00 ug/L	0.00
86) 1,4-dichlorobenzene-d4	16.91	152	339876	50.00 ug/L	0.00

System Monitoring Compounds

38) dibromofluoromethane (s)	10.10	113	172659	49.84 ug/L	0.00
Spiked Amount 50.000	Range 71 - 117		Recovery = 99.68%		
39) 1,2-dichloroethane-d4 (s)	10.53	65	208972	51.55 ug/L	0.00
Spiked Amount 50.000	Range 68 - 129		Recovery = 103.10%		
65) toluene-d8 (s)	12.71	98	695255	50.30 ug/L	0.00
Spiked Amount 50.000	Range 78 - 115		Recovery = 100.60%		
88) 4-bromofluorobenzene (s)	15.61	95	277996	49.70 ug/L	0.00
Spiked Amount 50.000	Range 73 - 127		Recovery = 99.40%		

Target Compounds

					Qvalue
2) tertiary butyl alcohol	7.93	59	24870	101.59 ug/L	95
4) chlorodifluoromethane	4.43	51	63918	19.91 ug/L	93
5) dichlorodifluoromethane	4.41	85	47882	20.55 ug/L	99
6) chloromethane	4.80	50	55954	19.83 ug/L	96
7) vinyl chloride	5.07	62	53978	19.64 ug/L	99
8) bromomethane	5.76	94	29403	15.38 ug/L	97
9) chloroethane	5.94	64	30786	19.55 ug/L	97
10) trichlorofluoromethane	6.43	101	66704m	20.22 ug/L	
11) ethyl ether	6.81	74	31804	20.53 ug/L	95
12) acrolein	6.99	56	41048	186.93 ug/L	98
13) 1,1-dichloroethene	7.27	96	46138	19.39 ug/L	95
14) acetone	7.21	43	17174	17.92 ug/L	98
15) allyl chloride	7.73	41	105291	20.96 ug/L	96
16) acetonitrile	7.60	40	29612m	140.60 ug/L	
17) iodomethane	7.53	142	84316	19.92 ug/L	96
18) iso-butyl alcohol	10.30	41	69482m	169.62 ug/L	
19) carbon disulfide	7.68	76	154349m	19.13 ug/L	
20) methylene chloride	7.90	84	56726	19.70 ug/L	95
21) methyl acetate	7.70	43	40564	19.30 ug/L	98
22) methyl tert butyl ether	8.29	73	145377	20.78 ug/L	99
23) trans-1,2-dichloroethene	8.30	96	52063	20.11 ug/L	99
24) di-isopropyl ether	8.89	45	157088	20.51 ug/L	96
25) ethyl tert-butyl ether	9.35	59	149077	20.56 ug/L	98
26) 2-butanone	9.51	72	6496	20.76 ug/L	99
27) 1,1-dichloroethane	8.84	63	93135	20.22 ug/L	99
28) chloroprene	8.98	53	58628	20.30 ug/L	98
29) acrylonitrile	8.16	53	111049	103.55 ug/L	99
30) vinyl acetate	8.83	86	10103	23.13 ug/L	88
31) ethyl acetate	9.55	45	7753	27.50 ug/L	98
32) 2,2-dichloropropane	9.60	77	66329	20.20 ug/L	98
33) cis-1,2-dichloroethene	9.56	96	57578	20.36 ug/L	97
34) propionitrile	9.55	54	85083	209.51 ug/L	99
35) bromochloromethane	9.86	128	29209	20.32 ug/L	97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\D85424.D
Acq On : 9 Aug 2004 9:14 pm
Sample : IC3408-20
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:27 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Quant Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:18:09 2004
Response via : Initial Calibration
DataAcq Meth : MD3408

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
36)	tetrahydrofuran	9.93	42	16627	20.10 ug/L	98
37)	chloroform	9.92	83	89908	20.09 ug/L	98
40)	freon 113	7.26	151	35337	20.73 ug/L	96
41)	methacrylonitrile	9.77	41	33853	21.18 ug/L	98
42)	1,1,1-trichloroethane	10.22	97	78401	19.93 ug/L	98
43)	tert-amyl methyl ether	10.71	73	156949	21.20 ug/L	95
45)	Di-isobutylene	11.31	57	124762	20.25 ug/L	93
46)	epichlorohydrin	12.23	57	34879	102.60 ug/L	99
47)	n-butyl alcohol	11.06	56	77339	1053.57 ug/L	97
48)	carbon tetrachloride	10.44	117	67814	20.03 ug/L	99
49)	1,1-dichloropropene	10.40	75	67641	20.09 ug/L	99
50)	hexane	8.67	57	57790	19.18 ug/L	97
51)	benzene	10.65	78	207753	20.05 ug/L	99
52)	heptane	10.88	57	30997	19.94 ug/L	96
53)	isopropyl acetate	10.55	43	91310	20.12 ug/L	97
54)	1,2-dichloroethane	10.61	62	69937	20.07 ug/L	98
55)	trichloroethene	11.36	95	53096	20.05 ug/L	98
56)	2-nitropropane	12.07	43	12119	19.27 ug/L	100
57)	2-chloroethyl vinyl ether	12.13	63	179353	109.44 ug/L	100
58)	methyl methacrylate	11.61	69	55923	20.90 ug/L	99
59)	1,2-dichloropropane	11.60	63	55426	20.69 ug/L	98
60)	methylcyclohexane	11.65	83	80628	19.63 ug/L	95
61)	dibromomethane	11.75	93	33738	20.11 ug/L	98
62)	1,4-dioxane	11.71	88	13409	506.98 ug/L	98
63)	bromodichloromethane	11.88	83	68026	20.36 ug/L	100
64)	cis-1,3-dichloropropene	12.36	75	89439	20.64 ug/L	98
66)	4-methyl-2-pentanone	12.46	43	80763	21.31 ug/L	99
67)	toluene	12.79	92	134375	20.23 ug/L	100
68)	3-methyl-1-butanol	12.45	70	30365	435.91 ug/L	95
69)	trans-1,3-dichloropropene	12.94	75	83981	21.07 ug/L	99
70)	ethyl methacrylate	12.97	69	72361	21.58 ug/L	98
71)	1,1,2-trichloroethane	13.17	83	41816	20.34 ug/L	99
72)	2-hexanone	13.37	43	35806	21.57 ug/L	100
74)	tetrachloroethene	13.44	166	66267	20.19 ug/L	99
75)	1,3-dichloropropane	13.37	76	88246	20.66 ug/L	99
76)	butyl acetate	13.47	56	35602	21.17 ug/L	98
77)	dibromochloromethane	13.66	129	54359	20.68 ug/L	96
78)	1,2-dibromoethane	13.83	107	50956	20.43 ug/L	97
79)	chlorobenzene	14.37	112	158853	20.09 ug/L	100
80)	1,1,1,2-tetrachloroethane	14.42	131	56398	20.32 ug/L	98
81)	ethylbenzene	14.44	91	254181	20.63 ug/L	99
82)	m,p-xylene	14.57	106	203355	41.68 ug/L	98
83)	o-xylene	15.03	106	104983	21.39 ug/L	100
84)	styrene	15.02	104	169780	22.14 ug/L	99
85)	bromoform	15.28	173	38496	20.62 ug/L	99
87)	isopropylbenzene	15.41	105	238382	20.66 ug/L	99
89)	bromobenzene	15.83	156	72703	20.04 ug/L	96
90)	cyclohexanone	15.54	55	58699	26.97 ug/L	98
91)	1,1,2,2-tetrachloroethane	15.68	83	69616	20.05 ug/L	97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\D85424.D
Acq On : 9 Aug 2004 9:14 pm
Sample : IC3408-20
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:27 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Quant Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:18:09 2004
Response via : Initial Calibration
DataAcq Meth : MD3408

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
92)	trans-1,4-dichloro-2-buten	15.73	53	18903	20.31 ug/L	97
93)	1,2,3-trichloropropane	15.77	77	17920	17.90 ug/L	98
94)	n-propylbenzene	15.87	91	306621	20.72 ug/L	99
95)	2-chlorotoluene	16.02	91	214095	20.67 ug/L	98
96)	4-chlorotoluene	16.12	91	194934	20.50 ug/L	97
97)	1,3,5-trimethylbenzene	16.03	105	219581	20.82 ug/L	99
98)	tert-butylbenzene	16.43	91	125443m	20.73 ug/L	
99)	pentachloroethane	16.49	167	438177(	20.75 ug/L	95
100)	1,2,4-trimethylbenzene	16.47	105	231047	20.97 ug/L	99
101)	sec-butylbenzene	16.67	105	289687	20.91 ug/L	99
102)	1,3-dichlorobenzene	16.86	146	143654	20.00 ug/L	99
103)	p-isopropyltoluene	16.80	119	250659	21.07 ug/L	99
104)	1,4-dichlorobenzene	16.94	146	148702	19.76 ug/L	99
105)	1,2-dichlorobenzene	17.37	146	141609	20.19 ug/L	99
106)	n-butylbenzene	17.26	91	223984	21.19 ug/L	99
107)	1,2-dibromo-3-chloropropan	18.19	75	12478	20.90 ug/L	96
108)	1,2,4-trichlorobenzene	19.17	180	95568	21.04 ug/L	100
109)	hexachlorobutadiene	19.34	225	49187	20.47 ug/L	95
110)	naphthalene	19.48	128	184467	21.65 ug/L	99
111)	1,2,3-trichlorobenzene	19.76	180	75350	20.85 ug/L	98
112)	hexachloroethane	17.70	119	40211	20.11 ug/L	100
113)	Cyclohexane	10.34	84	74720	19.22 ug/L #	100

(#) = qualifier out of range (m) = manual integration

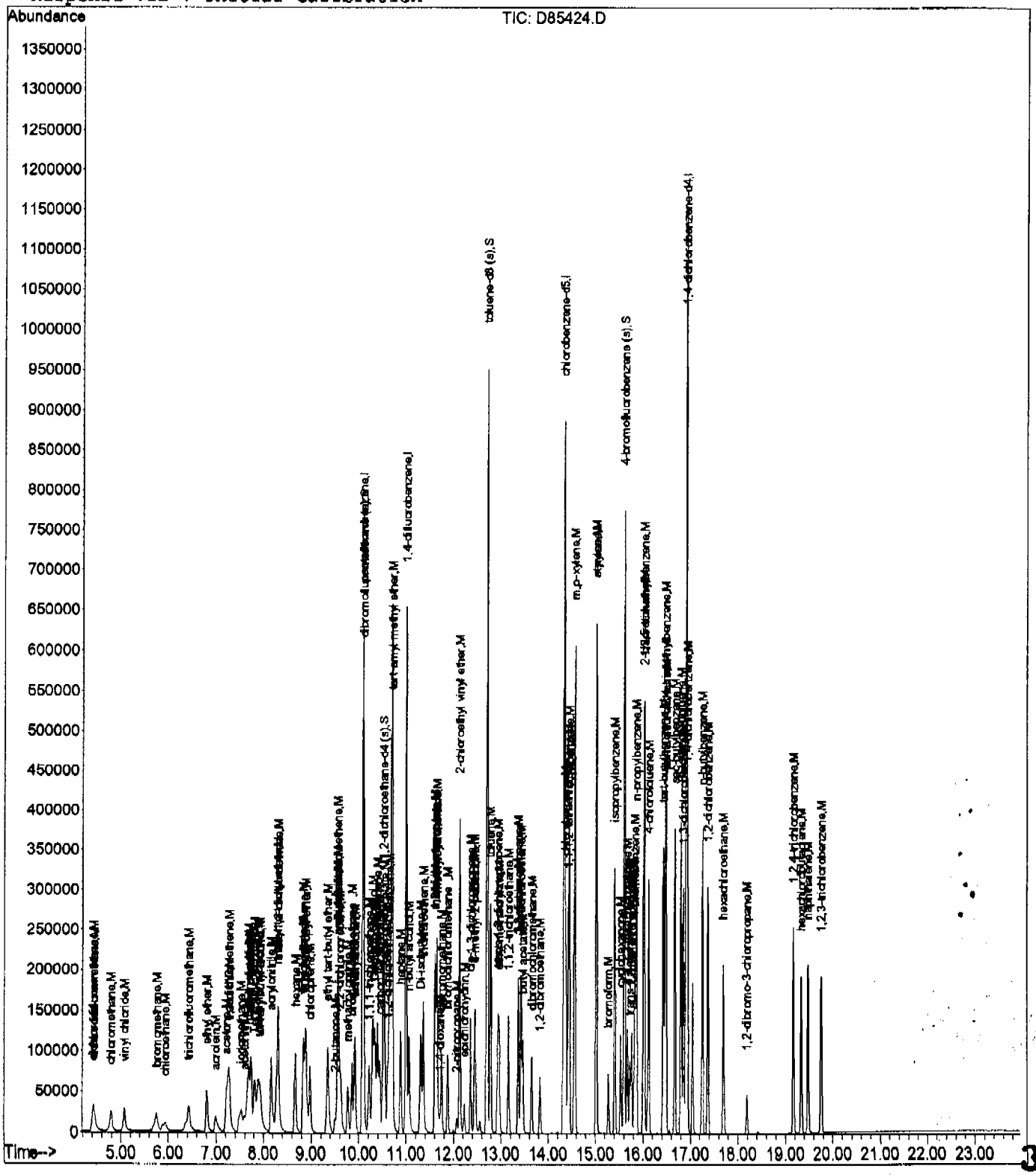
Quantitation Report

Data File : C:\HPCHEM\1\DATA\D85424.D
Acq On : 9 Aug 2004 9:14 pm
Sample : IC3408-20
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:27 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00

Quant Results File: MD3408.RES

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Initial Calibration



300

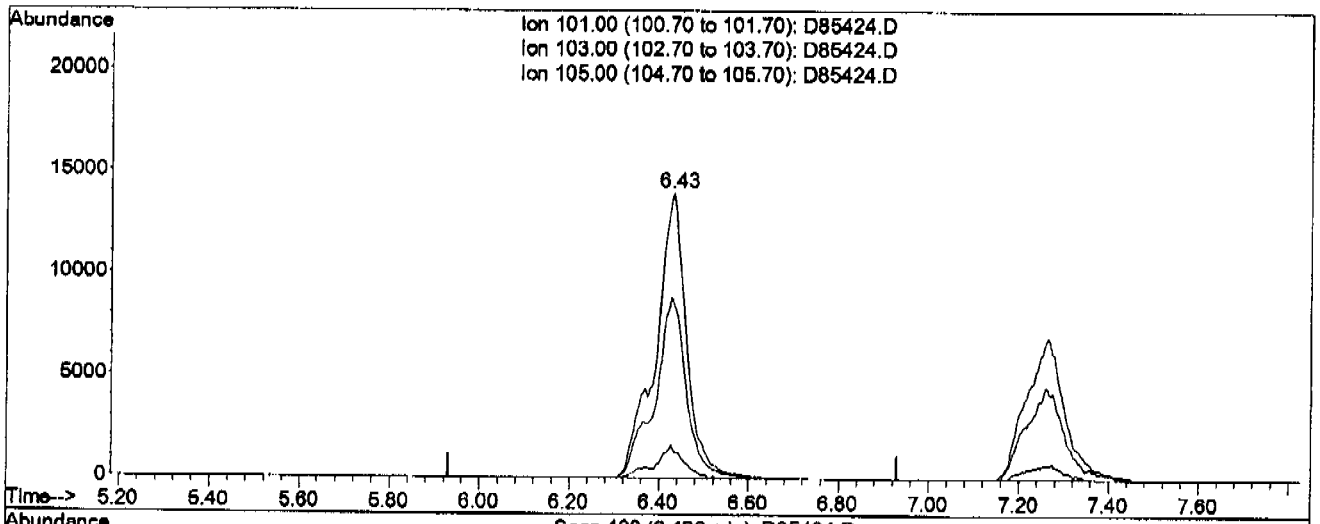
Quantitation Report (Qedit)

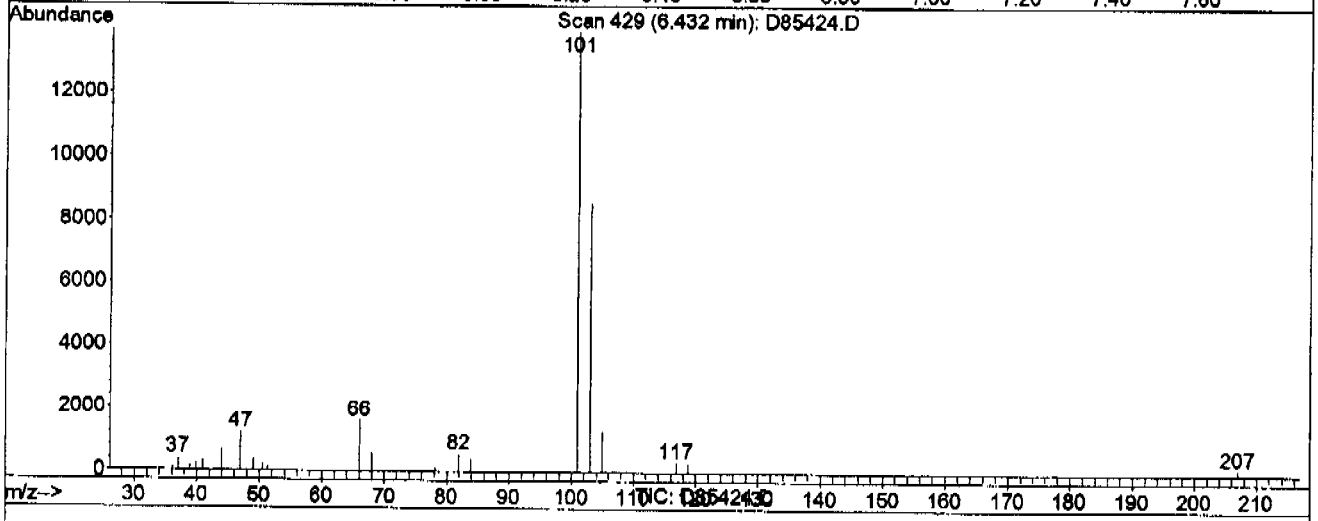
Data File : C:\HPCHEM\1\DATA\D85424.D
Acq On : 9 Aug 2004 9:14 pm
Sample : IC3408-20
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:27 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Multiple Level Calibration





(10) trichlorofluoromethane (M)

6.43min 20.22ug/L m

response 66704

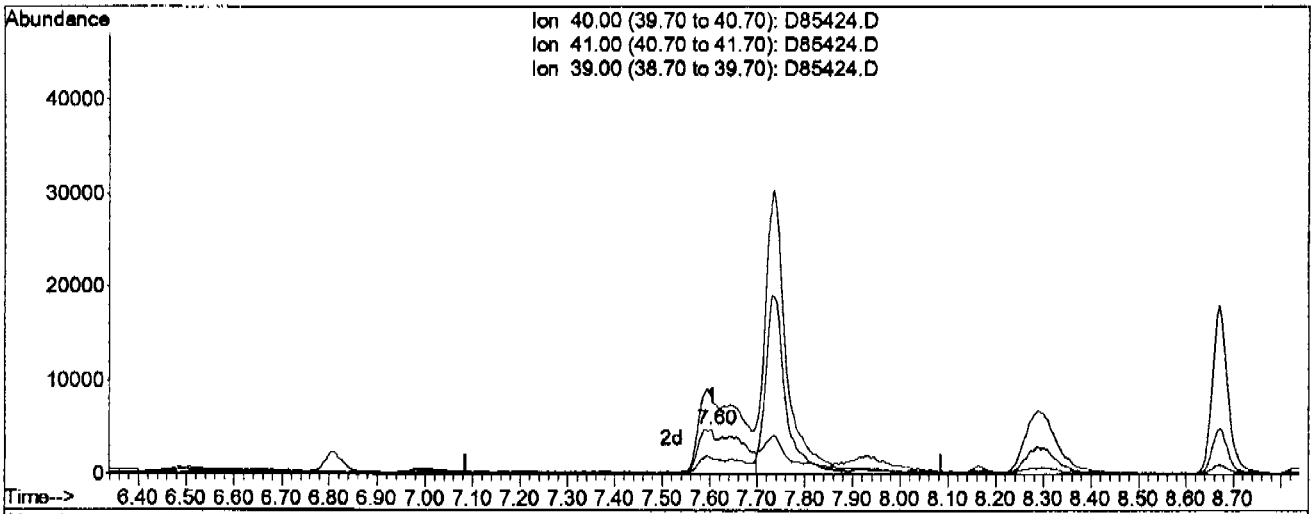
Ion	Exp%	Act%
101.00	100	100
103.00	63.30	61.43
105.00	10.90	9.14
0.00	0.00	0.00

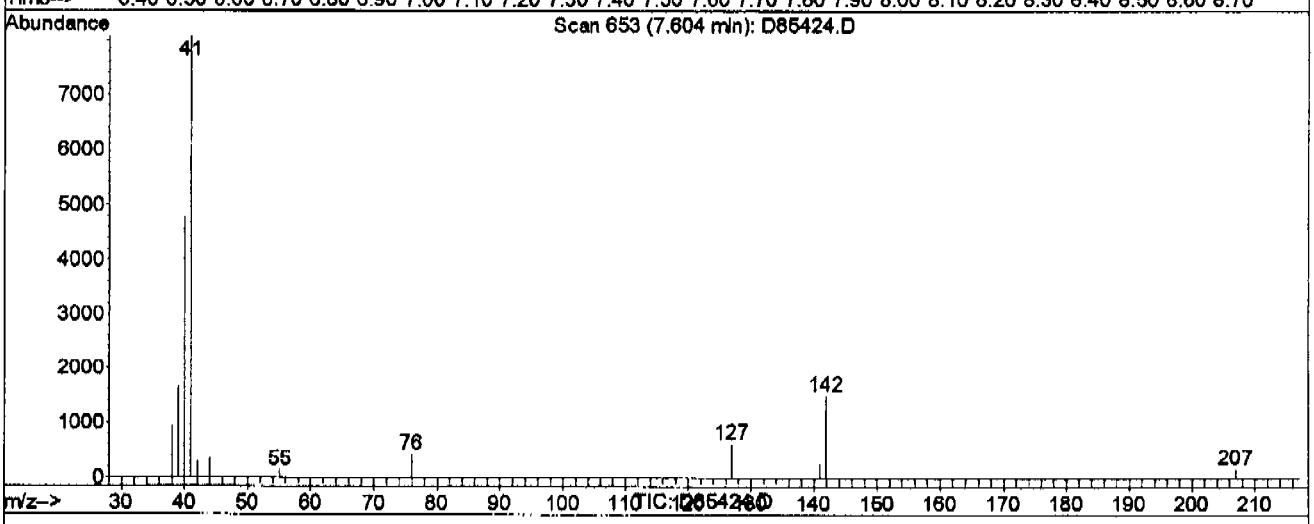
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\D85424.D
Acq On : 9 Aug 2004 9:14 pm
Sample : IC3408-20
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:27 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Multiple Level Calibration





(16) acetonitrile (M)

7.60min 140.60ug/L m

response 29612

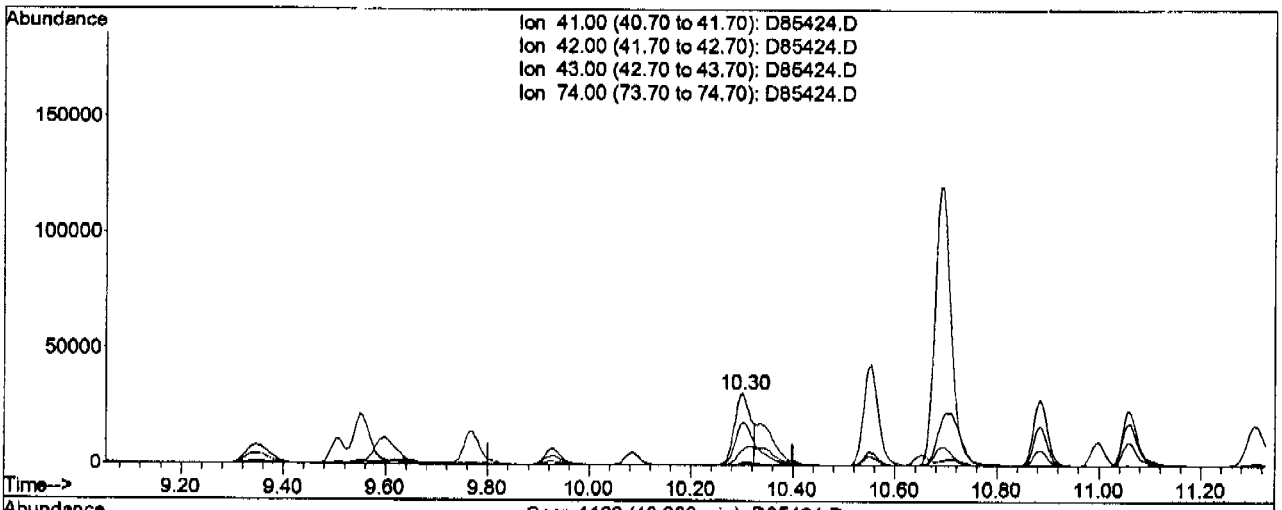
Ion	Exp%	Act%
40.00	100	100
41.00	194.00	168.38
39.00	36.20	34.87
0.00	0.00	0.00

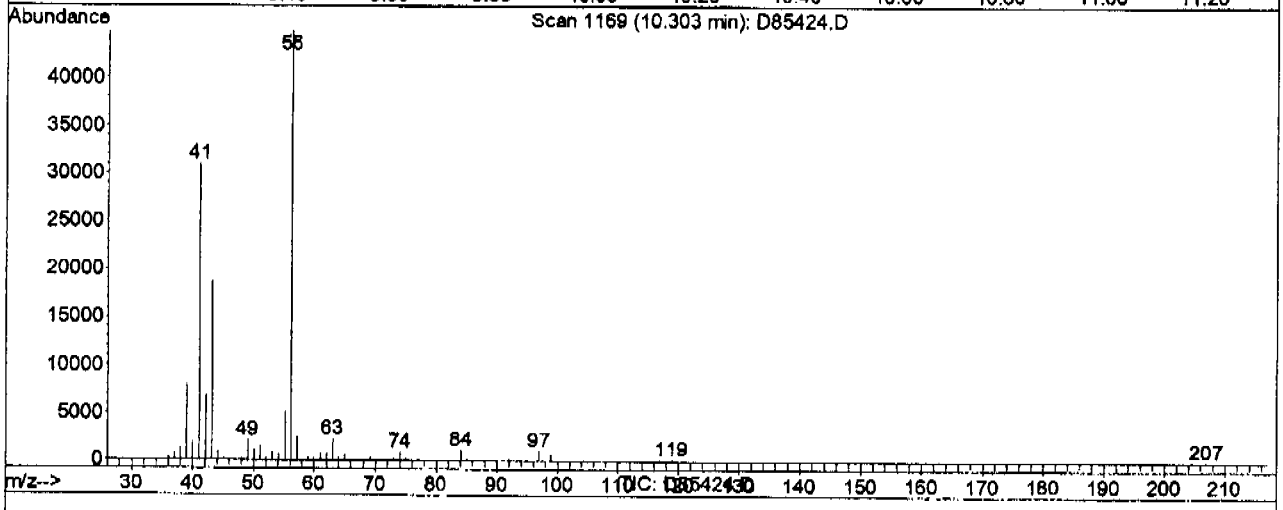
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\D85424.D
Acq On : 9 Aug 2004 9:14 pm
Sample : IC3408-20
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:27 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Multiple Level Calibration





(18) Iso-butyl alcohol (M)

10.30min 169.62ug/L m

response 69482

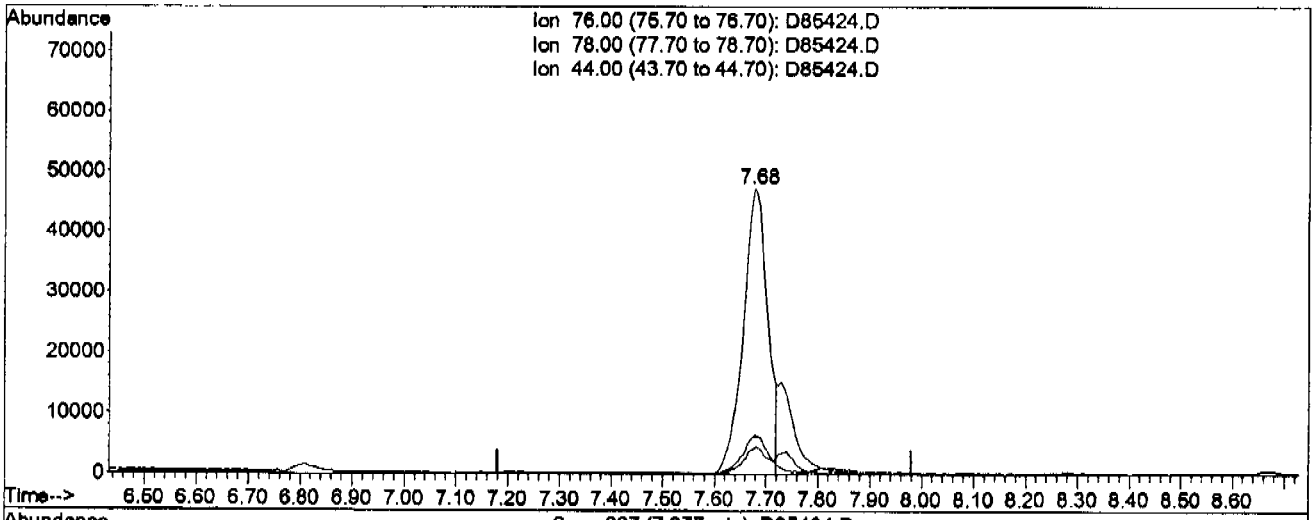
Ion	Exp%	Act%
41.00	100	100
42.00	23.60	22.35
43.00	64.90	60.50
74.00	2.90	3.01

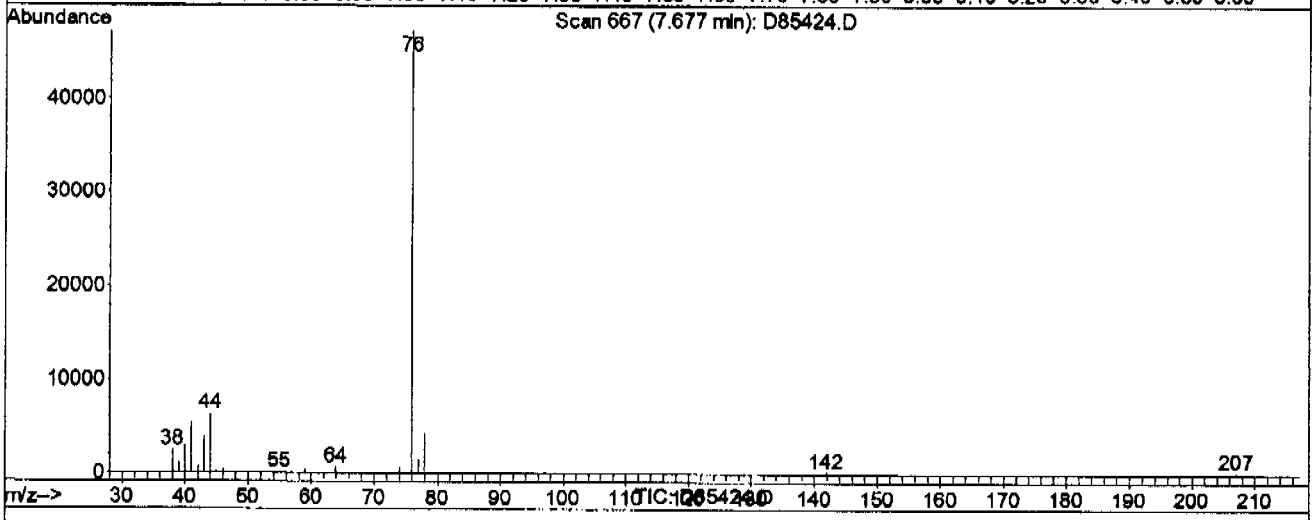
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\D85424.D
Acq On : 9 Aug 2004 9:14 pm
Sample : IC3408-20
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:27 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Multiple Level Calibration





(19) carbon disulfide (M)

7.68min 19.13ug/L m

response 154349

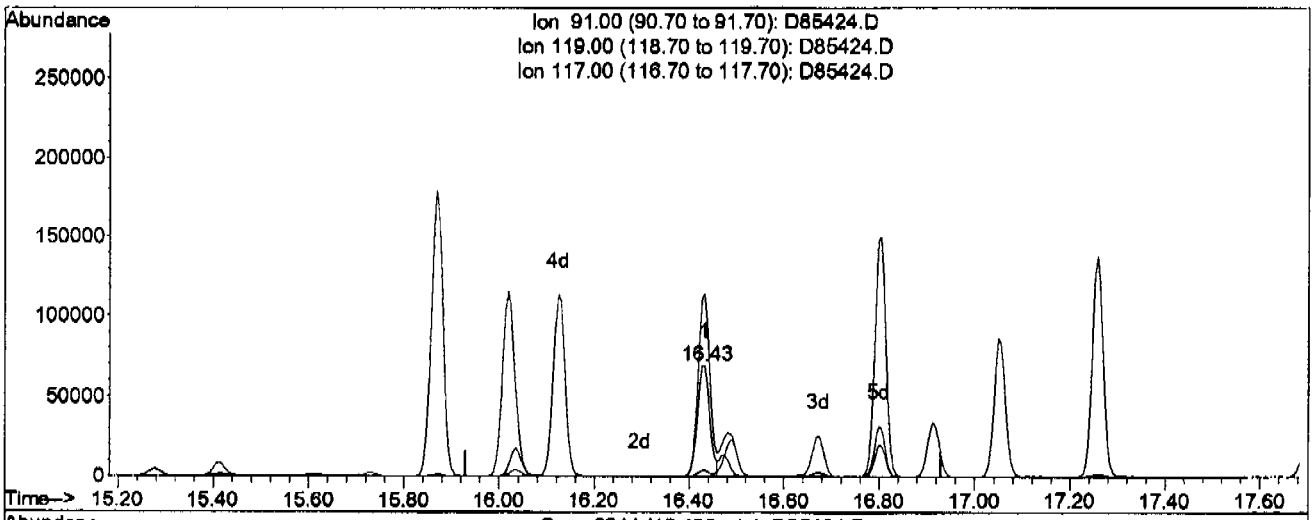
Ion	Exp%	Act%
76.00	100	100
78.00	9.40	8.98
44.00	12.80	13.41
0.00	0.00	0.00

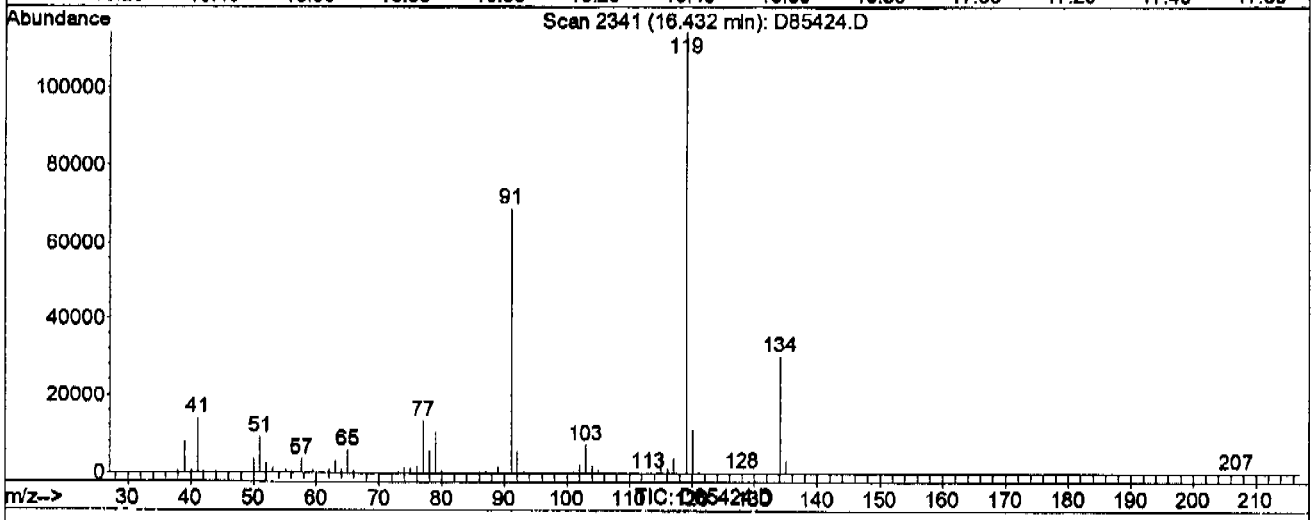
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\D85424.D
Acq On : 9 Aug 2004 9:14 pm
Sample : IC3408-20
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:27 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Multiple Level Calibration





(98) tert-butylbenzene (M)

16.43min 20.73ug/L m

response 125443

Ion	Exp%	Act%
91.00	100	100
119.00	164.80	165.34
117.00	5.60	5.57
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\D85425.D
Acq On : 9 Aug 2004 9:44 pm
Sample : IC3408-50
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:28 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Quant Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:18:09 2004
Response via : Initial Calibration
DataAcq Meth : MD3408

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.82	65	180429	500.00 ug/L	0.00
3) pentafluorobenzene	10.09	168	424040	50.00 ug/L	0.00
44) 1,4-difluorobenzene	11.00	114	614848	50.00 ug/L	0.00
73) chlorobenzene-d5	14.33	117	585548	50.00 ug/L	0.00
86) 1,4-dichlorobenzene-d4	16.91	152	354635	50.00 ug/L	0.00
System Monitoring Compounds					
38) dibromofluoromethane (s)	10.10	113	180612	49.57 ug/L	0.00
Spiked Amount 50.000	Range 71 - 117		Recovery = 99.14%		
39) 1,2-dichloroethane-d4 (s)	10.53	65	209268	49.08 ug/L	0.00
Spiked Amount 50.000	Range 68 - 129		Recovery = 98.16%		
65) toluene-d8 (s)	12.71	98	733939	50.49 ug/L	0.00
Spiked Amount 50.000	Range 78 - 115		Recovery = 100.98%		
88) 4-bromofluorobenzene (s)	15.61	95	290755	49.82 ug/L	0.00
Spiked Amount 50.000	Range 73 - 127		Recovery = 99.64%		

Target Compounds					Qvalue
2) tertiary butyl alcohol	7.93	59	63943	258.13 ug/L	100
4) chlorodifluoromethane	4.43	51	164347	48.67 ug/L	100
5) dichlorodifluoromethane	4.41	85	131470	53.64 ug/L	100
6) chloromethane	4.80	50	150580	50.73 ug/L	100
7) vinyl chloride	5.08	62	147991	51.21 ug/L	100
8) bromomethane	5.75	94	91286	45.39 ug/L	100
9) chloroethane	5.94	64	78874	47.62 ug/L	100
10) trichlorofluoromethane	6.43	101	184658	53.23 ug/L	100
11) ethyl ether	6.81	74	84123	51.64 ug/L	100
12) acrolein	6.99	56	119070	515.59 ug/L	100
13) 1,1-dichloroethene	7.27	96	127162	50.82 ug/L	100
14) acetone	7.21	43	43801	43.46 ug/L	100
15) allyl chloride	7.73	41	273112	51.71 ug/L	100
16) acetonitrile	7.59	40	76916	347.24 ug/L	100
17) iodomethane	7.53	142	229701	51.59 ug/L	100
18) iso-butyl alcohol	10.30	41	177391m	411.76 ug/L	
19) carbon disulfide	7.68	76	419014m	49.38 ug/L	
20) methylene chloride	7.90	84	150082 8/10/04	49.56 ug/L	100
21) methyl acetate	7.70	43	105552	47.75 ug/L	100
22) methyl tert butyl ether	8.29	73	381829	51.90 ug/L	100
23) trans-1,2-dichloroethene	8.30	96	139844	51.36 ug/L	100
24) di-isopropyl ether	8.88	45	408860	50.77 ug/L	100
25) ethyl tert-butyl ether	9.34	59	387595	50.83 ug/L	100
26) 2-butanone	9.51	72	18241	55.43 ug/L	99
27) 1,1-dichloroethane	8.84	63	241784	49.91 ug/L	100
28) chloroprene	8.98	53	158908	52.32 ug/L	100
29) acrylonitrile	8.16	53	293173	259.94 ug/L	100
30) vinyl acetate	8.82	86	29015	63.15 ug/L	100
31) ethyl acetate	9.55	45	16115	54.34 ug/L	100
32) 2,2-dichloropropane	9.60	77	170979	49.52 ug/L	100
33) cis-1,2-dichloroethene	9.56	96	151761	51.02 ug/L	100
34) propionitrile	9.55	54	224113	524.72 ug/L	100
35) bromochloromethane	9.86	128	77684	51.38 ug/L	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\D85425.D
Acq On : 9 Aug 2004 9:44 pm
Sample : IC3408-50
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:28 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Quant Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:18:09 2004
Response via : Initial Calibration
DataAcq Meth : MD3408

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
36)	tetrahydrofuran	9.92	42	44549	51.20 ug/L	100
37)	chloroform	9.91	83	235076	49.96 ug/L	100
40)	freon 113	7.26	151	99805	55.67 ug/L	100
41)	methacrylonitrile	9.77	41	89115	53.01 ug/L	100
42)	1,1,1-trichloroethane	10.22	97	209685	50.68 ug/L	100
43)	tert-amyl methyl ether	10.71	73	385987	49.58 ug/L	100
45)	Di-isobutylene	11.31	57	364141	56.22 ug/L	100
46)	epichlorohydrin	12.23	57	94233	263.60 ug/L	100
47)	n-butyl alcohol	11.06	56	210119	2721.94 ug/L	100
48)	carbon tetrachloride	10.45	117	182873	51.36 ug/L	100
49)	1,1-dichloropropene	10.40	75	182690	51.59 ug/L	100
50)	hexane	8.67	57	164373	51.88 ug/L	100
51)	benzene	10.65	78	550506	50.52 ug/L	100
52)	heptane	10.89	57	85489	52.30 ug/L	100
53)	isopropyl acetate	10.55	43	242847	50.89 ug/L	100
54)	1,2-dichloroethane	10.62	62	182504	49.81 ug/L	100
55)	trichloroethene	11.36	95	142472	51.15 ug/L	100
56)	2-nitropropane	12.07	43	37578	56.83 ug/L	100
57)	2-chloroethyl vinyl ether	12.13	63	463612	269.01 ug/L	100
58)	methyl methacrylate	11.61	69	154730	55.00 ug/L	100
59)	1,2-dichloropropane	11.60	63	145470	51.64 ug/L	100
60)	methylcyclohexane	11.65	83	226103	52.35 ug/L	100
61)	dibromomethane	11.74	93	91464	51.85 ug/L	100
62)	1,4-dioxane	11.70	88	37169	1336.37 ug/L	100
63)	bromodichloromethane	11.88	83	183960	52.36 ug/L	100
64)	cis-1,3-dichloropropene	12.37	75	245351	53.83 ug/L	100
66)	4-methyl-2-pentanone	12.46	43	217006	54.44 ug/L	100
67)	toluene	12.79	92	359414	51.45 ug/L	100
68)	3-methyl-1-butanol	12.45	70	85687	1169.73 ug/L	100
69)	trans-1,3-dichloropropene	12.94	75	226440	54.02 ug/L	100
70)	ethyl methacrylate	12.97	69	201213	57.06 ug/L	100
71)	1,1,2-trichloroethane	13.17	83	111925	51.77 ug/L	100
72)	2-hexanone	13.37	43	97766	55.99 ug/L	100
74)	tetrachloroethene	13.43	166	177656	51.05 ug/L	100
75)	1,3-dichloropropane	13.37	76	234522	51.78 ug/L	100
76)	butyl acetate	13.47	56	95522	53.56 ug/L	100
77)	dibromochloromethane	13.66	129	151723	54.43 ug/L	100
78)	1,2-dibromoethane	13.84	107	138340	52.32 ug/L	100
79)	chlorobenzene	14.37	112	426541	50.88 ug/L	100
80)	1,1,1,2-tetrachloroethane	14.42	131	153325	52.11 ug/L	100
81)	ethylbenzene	14.45	91	684354	52.39 ug/L	100
82)	m,p-xylene	14.56	106	548611	106.07 ug/L	100
83)	o-xylene	15.02	106	279273	53.66 ug/L	100
84)	styrene	15.02	104	460071	56.58 ug/L	100
85)	bromoform	15.28	173	111015	56.07 ug/L	100
87)	isopropylbenzene	15.41	105	654031	54.32 ug/L	100
89)	bromobenzene	15.83	156	195626	51.68 ug/L	100
90)	cyclohexanone	15.54	55	77601	34.18 ug/L	100
91)	1,1,2,2-tetrachloroethane	15.68	83	185720	51.27 ug/L	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\D85425.D
Acq On : 9 Aug 2004 9:44 pm
Sample : IC3408-50
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:28 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Quant Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:18:09 2004
Response via : Initial Calibration
DataAcq Meth : MD3408

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
92)	trans-1,4-dichloro-2-buten	15.73	53	52754	54.33 ug/L	100
93)	1,2,3-trichloropropane	15.77	77	46984	44.98 ug/L	100
94)	n-propylbenzene	15.87	91	826825	53.55 ug/L	100
95)	2-chlorotoluene	16.02	91	569608	52.71 ug/L	100
96)	4-chlorotoluene	16.13	91	518936	52.31 ug/L	100
97)	1,3,5-trimethylbenzene	16.03	105	594172	54.00 ug/L	100
98)	tert-butylbenzene	16.43	91	344355m	54.53 ug/L	
99)	pentachloroethane	16.49	167	124195 x	56.36 ug/L	100
100)	1,2,4-trimethylbenzene	16.47	105	623158 8/10/04	54.21 ug/L	100
101)	sec-butylbenzene	16.67	105	787375	54.48 ug/L	100
102)	1,3-dichlorobenzene	16.85	146	385642	51.46 ug/L	100
103)	p-isopropyltoluene	16.80	119	685231	55.20 ug/L	100
104)	1,4-dichlorobenzene	16.94	146	398445	50.76 ug/L	100
105)	1,2-dichlorobenzene	17.37	146	376133	51.40 ug/L	100
106)	n-butylbenzene	17.26	91	601788	54.57 ug/L	100
107)	1,2-dibromo-3-chloropropan	18.19	75	33989	54.57 ug/L	100
108)	1,2,4-trichlorobenzene	19.17	180	261811	55.25 ug/L	100
109)	hexachlorobutadiene	19.33	225	134262	53.54 ug/L	100
110)	naphthalene	19.48	128	509519	57.32 ug/L	100
111)	1,2,3-trichlorobenzene	19.76	180	204904	54.35 ug/L	100
112)	hexachloroethane	17.70	119	117522	56.32 ug/L	100
113)	Cyclohexane	10.34	84	210669	51.92 ug/L #	100

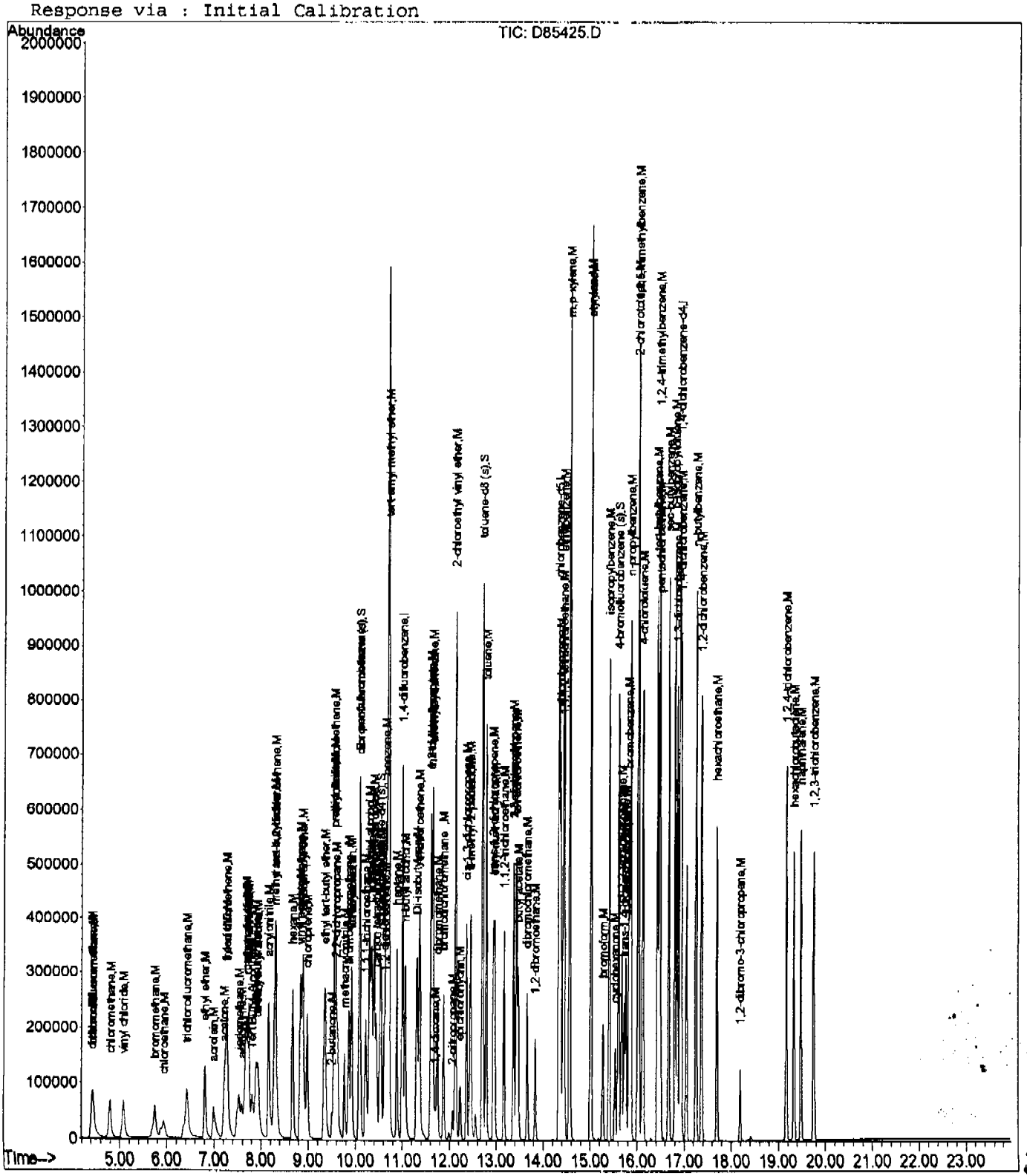
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\D85425.D
Acq On : 9 Aug 2004 9:44 pm
Sample : IC3408-50
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:28 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Initial Calibration



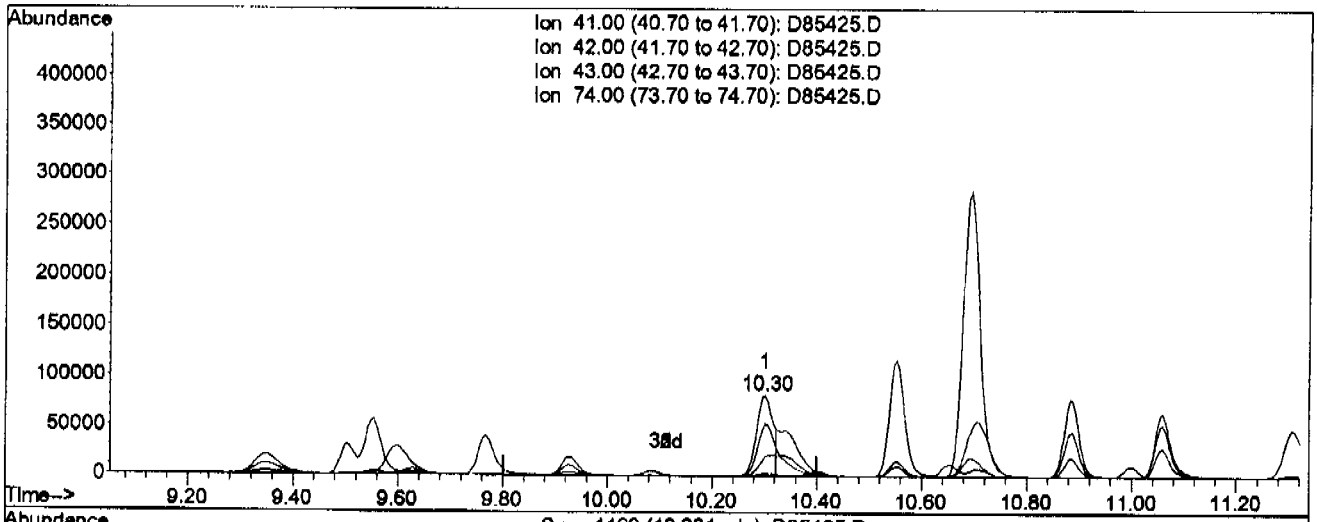
Quantitation Report (Qedit)

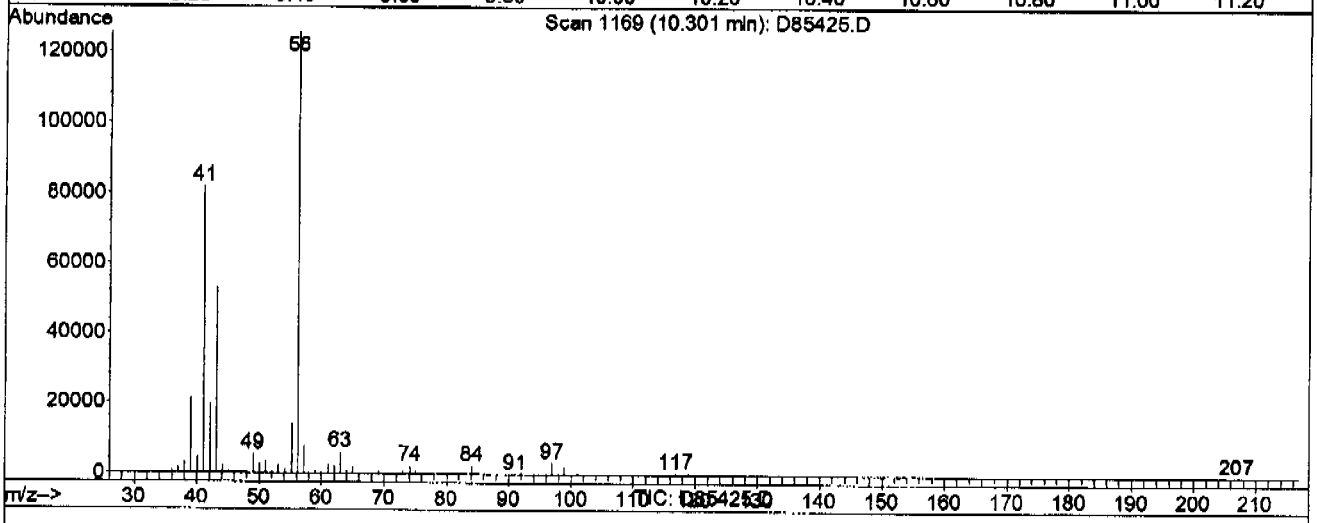
Data File : C:\HPCHEM\1\DATA\D85425.D
Acq On : 9 Aug 2004 9:44 pm
Sample : IC3408-50
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:28 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Multiple Level Calibration





(18) Iso-butyl alcohol (M)

10.30min 411.76ug/L m

response 177391

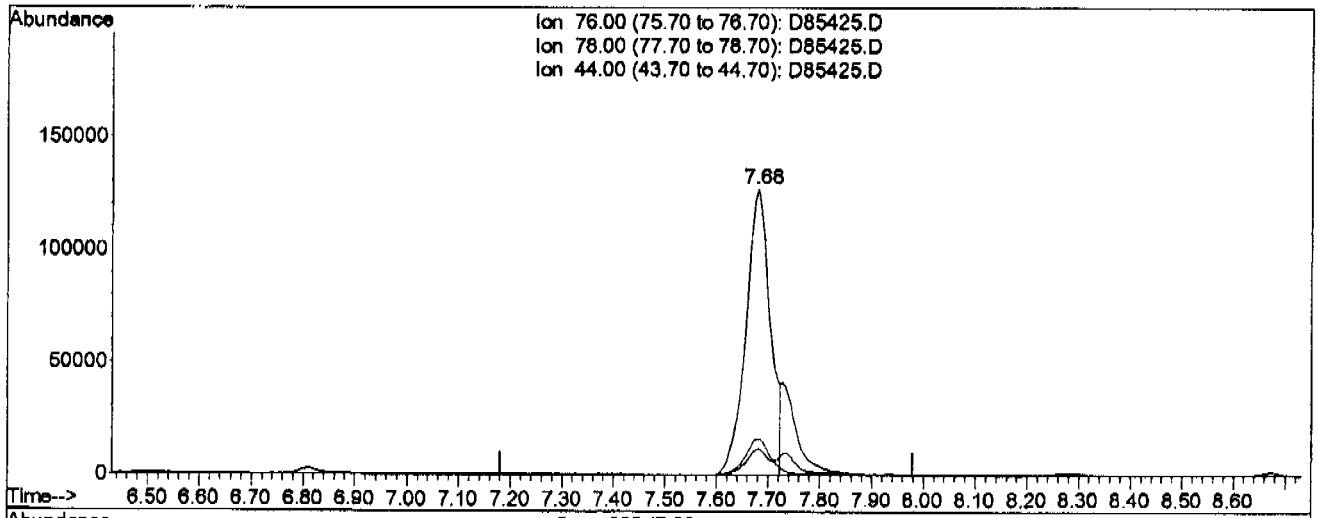
Ion	Exp%	Act%
41.00	100	100
42.00	23.60	23.65
43.00	64.90	64.88
74.00	2.90	2.87

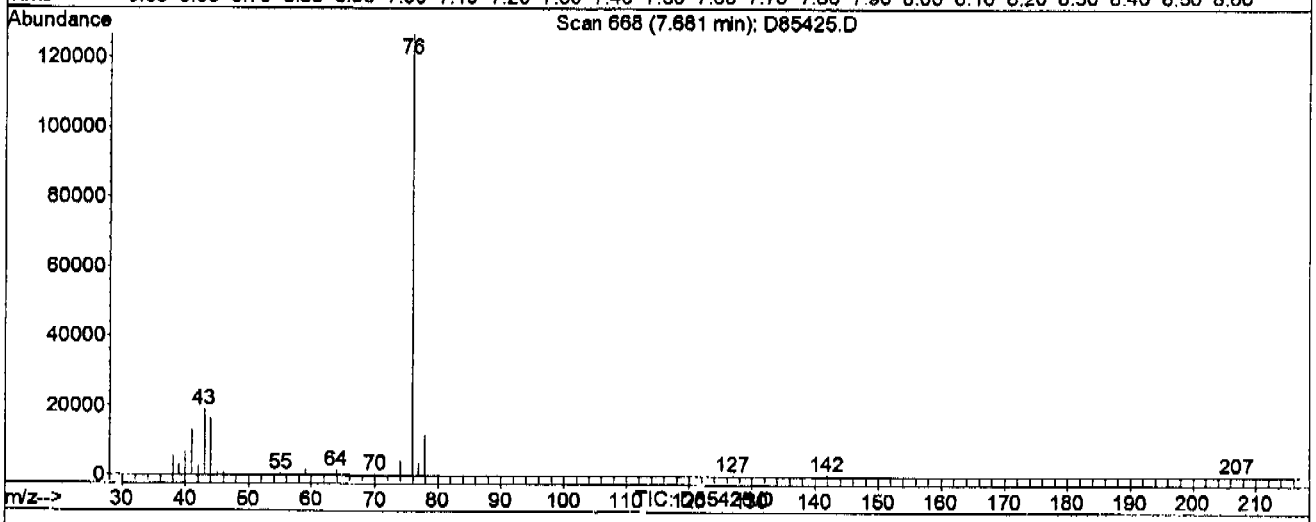
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\D85425.D
Acq On : 9 Aug 2004 9:44 pm
Sample : IC3408-50
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:28 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Multiple Level Calibration





(19) carbon disulfide (M)

7.68min 49.38ug/L m

response 419014

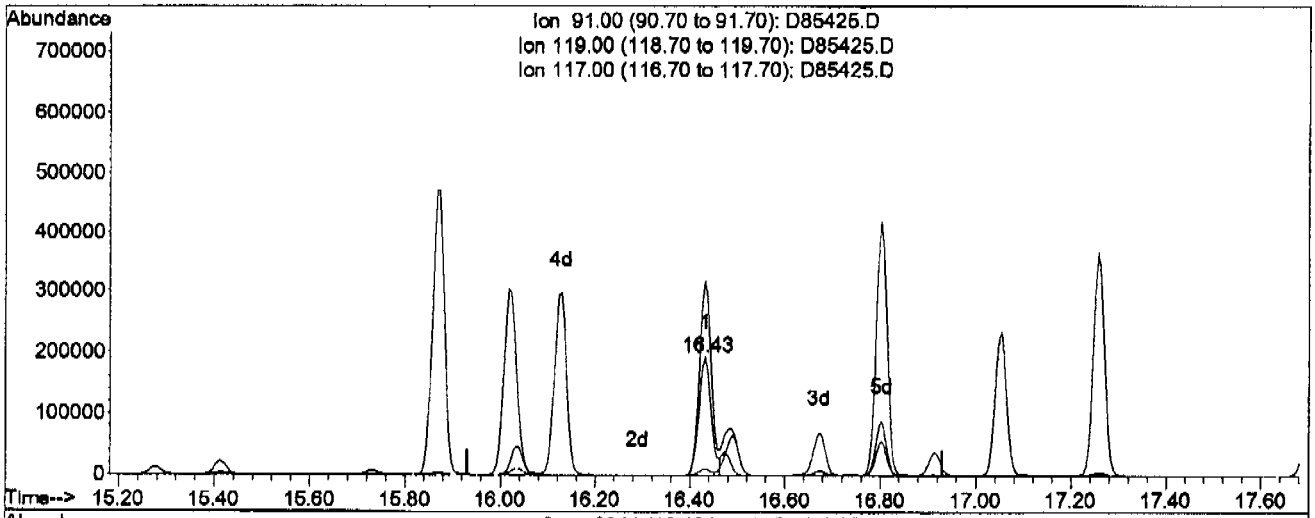
Ion	Exp%	Act%
76.00	100	100
78.00	9.40	9.37
44.00	12.80	12.77
0.00	0.00	0.00

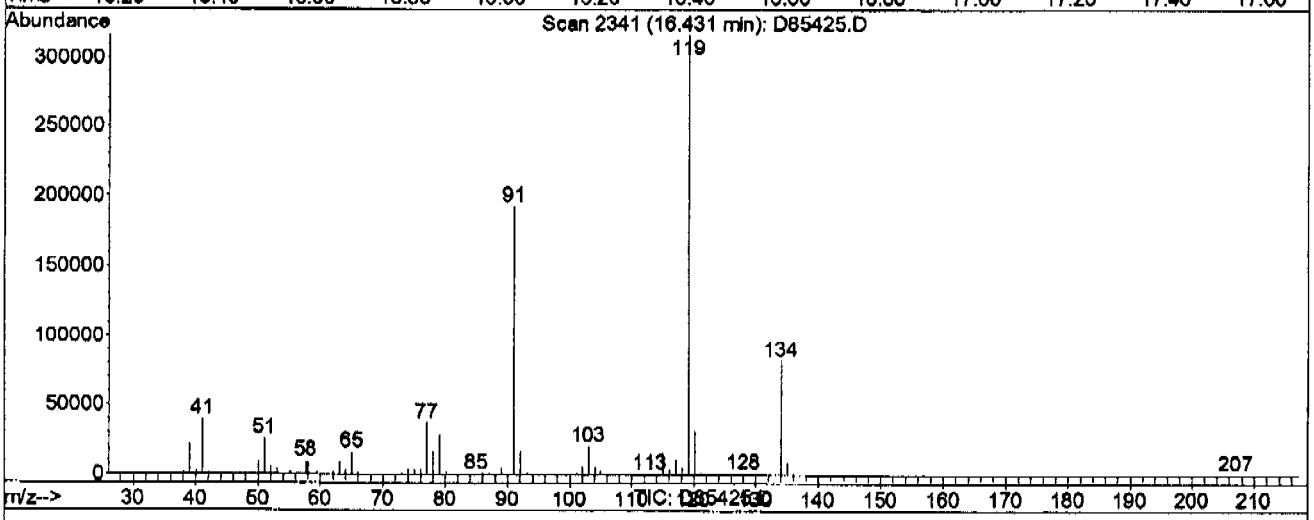
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\D85425.D
Acq On : 9 Aug 2004 9:44 pm
Sample : IC3408-50
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:28 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Multiple Level Calibration





(98) tert-butylbenzene (M)

16.43min 54.53ug/L m

response 344355

Ion	Exp%	Act%
91.00	100	100
119.00	164.80	164.80
117.00	5.60	5.57
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\D85426.D
Acq On : 9 Aug 2004 10:14 pm
Sample : IC3408-200
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:29 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Quant Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:18:09 2004
Response via : Initial Calibration
DataAcq Meth : MD3408

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.82	65	196540	500.00 ug/L	0.00
3) pentafluorobenzene	10.09	168	451024	50.00 ug/L	0.00
44) 1,4-difluorobenzene	11.00	114	658238	50.00 ug/L	0.00
73) chlorobenzene-d5	14.34	117	639902	50.00 ug/L	0.00
86) 1,4-dichlorobenzene-d4	16.91	152	390548	50.00 ug/L	0.00

System Monitoring Compounds

38) dibromofluoromethane (s)	10.10	113	192205	49.60 ug/L	0.00
Spiked Amount 50.000	Range 71 - 117		Recovery = 99.20%		
39) 1,2-dichloroethane-d4 (s)	10.53	65	218570	48.20 ug/L	0.00
Spiked Amount 50.000	Range 68 - 129		Recovery = 96.40%		
65) toluene-d8 (s)	12.71	98	791754	50.88 ug/L	0.00
Spiked Amount 50.000	Range 78 - 115		Recovery = 101.76%		
88) 4-bromofluorobenzene (s)	15.61	95	321997	50.10 ug/L	0.00
Spiked Amount 50.000	Range 73 - 127		Recovery = 100.20%		

Target Compounds

					Qvalue
2) tertiary butyl alcohol	7.93	59	268420	994.76 ug/L	96
4) chlorodifluoromethane	4.43	51	664735	185.08 ug/L	97
5) dichlorodifluoromethane	4.41	85	508736	195.15 ug/L	100
6) chloromethane	4.81	50	599159	189.78 ug/L	99
7) vinyl chloride	5.09	62	584731	190.21 ug/L	99
8) bromomethane	5.74	94	257720	120.49 ug/L	99
9) chloroethane	5.93	64	223386m	126.80 ug/L	
10) trichlorofluoromethane	6.42	101	703443	190.63 ug/L	99
11) ethyl ether	6.81	74	332322	191.80 ug/L	94
12) acrolein	6.99	56	449391	1829.50 ug/L	100
13) 1,1-dichloroethene	7.27	96	528282	198.50 ug/L	94
14) acetone	7.21	43	163630	152.65 ug/L	97
15) allyl chloride	7.73	41	1098804	195.58 ug/L	94
16) acetonitrile	7.59	40	289571m	1229.07 ug/L	
17) iodomethane	7.53	142	967731	204.34 ug/L	98
18) iso-butyl alcohol	10.30	41	760817m	1660.35 ug/L	
19) carbon disulfide	7.68	76	1642470m	182.00 ug/L	
20) methylene chloride	7.93	84	623393	193.55 ug/L	97
21) methyl acetate	7.70	43	421961	179.45 ug/L	96
22) methyl tert butyl ether	8.29	73	1472415	188.17 ug/L	98
23) trans-1,2-dichloroethene	8.31	96	569741	196.72 ug/L	96
24) di-isopropyl ether	8.89	45	1625548	189.77 ug/L	98
25) ethyl tert-butyl ether	9.35	59	1486743	183.30 ug/L	99
26) 2-butanone	9.50	72	77919	222.62 ug/L	92
27) 1,1-dichloroethane	8.84	63	953024	184.97 ug/L	99
28) chloroprene	8.97	53	659855	204.25 ug/L	98
29) acrylonitrile	8.16	53	1189610	991.65 ug/L	99
30) vinyl acetate	8.82	86	123737	253.20 ug/L	91
31) ethyl acetate	9.55	45	61237	194.15 ug/L	77
32) 2,2-dichloropropane	9.60	77	658776	179.37 ug/L	99
33) cis-1,2-dichloroethene	9.56	96	605504	191.39 ug/L	97
34) propionitrile	9.55	54	853263	1878.24 ug/L	98
35) bromochloromethane	9.86	128	327836	203.86 ug/L	94

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\D85426.D
Acq On : 9 Aug 2004 10:14 pm
Sample : IC3408-200
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:29 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Quant Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:18:09 2004
Response via : Initial Calibration
DataAcq Meth : MD3408

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
36)	tetrahydrofuran	9.93	42	178824	193.21 ug/L	96
37)	chloroform	9.92	83	961549	192.11 ug/L	98
40)	freon 113	7.25	151	415817	218.05 ug/L	100
41)	methacrylonitrile	9.76	41	369162	206.46 ug/L	97
42)	1,1,1-trichloroethane	10.22	97	860792	195.61 ug/L	99
43)	tert-amyl methyl ether	10.72	73	1265815	152.88 ug/L	94
45)	Di-isobutylene	11.31	57	1517933	218.89 ug/L	96
46)	epichlorohydrin	12.23	57	402017	1050.43 ug/L	99
47)	n-butyl alcohol	11.06	56	883869	10695.11 ug/L	98
48)	carbon tetrachloride	10.44	117	768225	201.54 ug/L	100
49)	1,1-dichloropropene	10.40	75	743416	196.10 ug/L	99
50)	hexane	8.67	57	688977	203.13 ug/L	99
51)	benzene	10.65	78	2142525	183.68 ug/L	99
52)	heptane	10.88	57	348716	199.27 ug/L	99
53)	isopropyl acetate	10.55	43	1019725	199.60 ug/L	99
54)	1,2-dichloroethane	10.62	62	738986	188.39 ug/L	100
55)	trichloroethene	11.36	95	575529	193.01 ug/L	99
56)	2-nitropropane	12.07	43	183339	259.00 ug/L	97
57)	2-chloroethyl vinyl ether	12.13	63	1575947	854.16 ug/L	93
58)	methyl methacrylate	11.61	69	626494	208.00 ug/L	89
59)	1,2-dichloropropane	11.61	63	561348	186.14 ug/L	96
60)	methylcyclohexane	11.65	83	931064	201.34 ug/L	97
61)	dibromomethane	11.74	93	374668	198.39 ug/L	97
62)	1,4-dioxane	11.70	88	157214	5279.85 ug/L	96
63)	bromodichloromethane	11.88	83	770833	204.92 ug/L	99
64)	cis-1,3-dichloropropene	12.37	75	1015171	208.07 ug/L	98
66)	4-methyl-2-pentanone	12.46	43	868672	203.57 ug/L	99
67)	toluene	12.79	92	1451775	194.11 ug/L	97
68)	3-methyl-1-butanol	12.45	70	371618	4738.61 ug/L	95
69)	trans-1,3-dichloropropene	12.94	75	937974	209.03 ug/L	98
70)	ethyl methacrylate	12.97	69	843990	223.55 ug/L	95
71)	1,1,2-trichloroethane	13.17	83	463777	200.37 ug/L	98
72)	2-hexanone	13.37	43	387844	207.49 ug/L	97
74)	tetrachloroethene	13.44	166	733398	192.84 ug/L	100
75)	1,3-dichloropropane	13.37	76	949566	191.84 ug/L	100
76)	butyl acetate	13.47	56	408079	209.39 ug/L	95
77)	dibromochloromethane	13.66	129	677354	222.37 ug/L	99
78)	1,2-dibromoethane	13.83	107	593422	205.36 ug/L	99
79)	chlorobenzene	14.37	112	1773935	193.61 ug/L	99
80)	1,1,1,2-tetrachloroethane	14.42	131	647675	201.44 ug/L	99
81)	ethylbenzene	14.45	91	2696568	188.90 ug/L	96
82)	m,p-xylene	14.57	106	2055676	363.67 ug/L	95
83)	o-xylene	15.03	106	1046858	184.05 ug/L	98
84)	styrene	15.03	104	1729529	194.64 ug/L	98
85)	bromoform	15.28	173	517580	239.22 ug/L	98
87)	isopropylbenzene	15.41	105	2698806	203.53 ug/L	97
89)	bromobenzene	15.83	156	848521	203.53 ug/L	99
90)	cyclohexanone	15.54	55	374844	149.90 ug/L	99
91)	1,1,2,2-tetrachloroethane	15.68	83	788210	197.57 ug/L	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\D85426.D
Acq On : 9 Aug 2004 10:14 pm
Sample : IC3408-200
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:29 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Quant Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:18:09 2004
Response via : Initial Calibration
DataAcq Meth : MD3408

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
92)	trans-1,4-dichloro-2-buten	15.73	53	234735	219.50 ug/L	94
93)	1,2,3-trichloropropane	15.77	77	200848	174.59 ug/L	98
94)	n-propylbenzene	15.87	91	3279569	192.87 ug/L	95
95)	2-chlorotoluene	16.02	91	2216358	186.24 ug/L	98
96)	4-chlorotoluene	16.13	91	2158606	197.57 ug/L	99
97)	1,3,5-trimethylbenzene	16.04	105	2351370	194.04 ug/L	99
98)	tert-butylbenzene	16.43	91	1445981m	207.92 ug/L	
99)	pentachloroethane	16.50	167	534708	220.32 ug/L	97
100)	1,2,4-trimethylbenzene	16.47	105	2507763	198.10 ug/L	99
101)	sec-butylbenzene	16.67	105	3187780	200.29 ug/L	97
102)	1,3-dichlorobenzene	16.86	146	1643666	199.18 ug/L	99
103)	p-isopropyltoluene	16.80	119	2782730	203.57 ug/L	97
104)	1,4-dichlorobenzene	16.95	146	1687871	195.24 ug/L	99
105)	1,2-dichlorobenzene	17.37	146	1586679	196.90 ug/L	99
106)	n-butylbenzene	17.26	91	2385669	196.43 ug/L	96
107)	1,2-dibromo-3-chloropropan	18.19	75	145626	212.31 ug/L	92
108)	1,2,4-trichlorobenzene	19.17	180	1056842	202.52 ug/L	99
109)	hexachlorobutadiene	19.34	225	537452	194.62 ug/L	99
110)	naphthalene	19.48	128	2096077	214.11 ug/L	100
111)	1,2,3-trichlorobenzene	19.76	180	839819	202.27 ug/L	99
112)	hexachloroethane	17.70	119	532691	231.80 ug/L	100
113)	Cyclohexane	10.34	84	881112	197.20 ug/L #	100

(#) = qualifier out of range (m) = manual integration

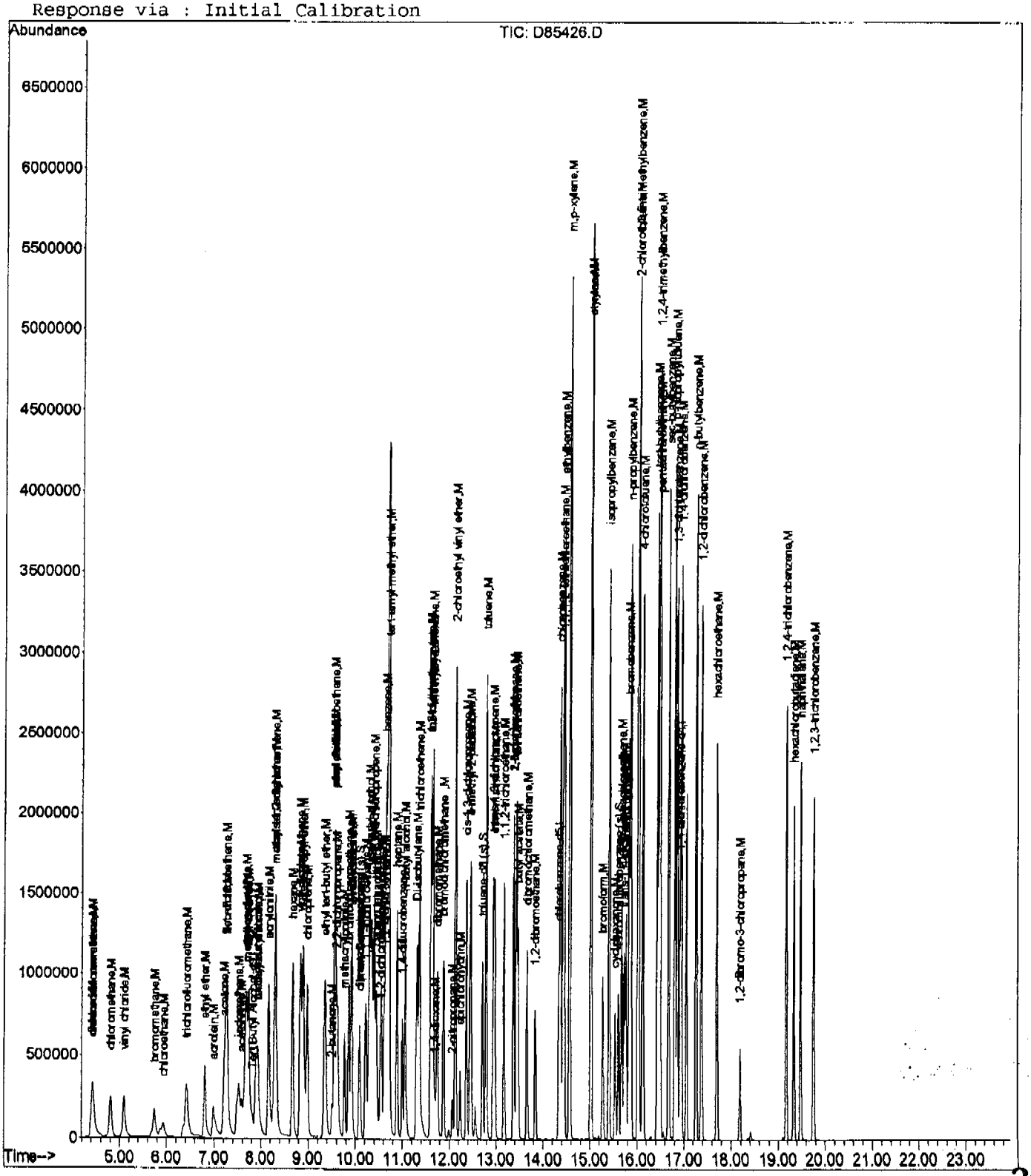
Quantitation Report

Data File : C:\HPCHEM\1\DATA\D85426.D
Acq On : 9 Aug 2004 10:14 pm
Sample : IC3408-200
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:29 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00

Quant Results File: MD3408.RES

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Initial Calibration

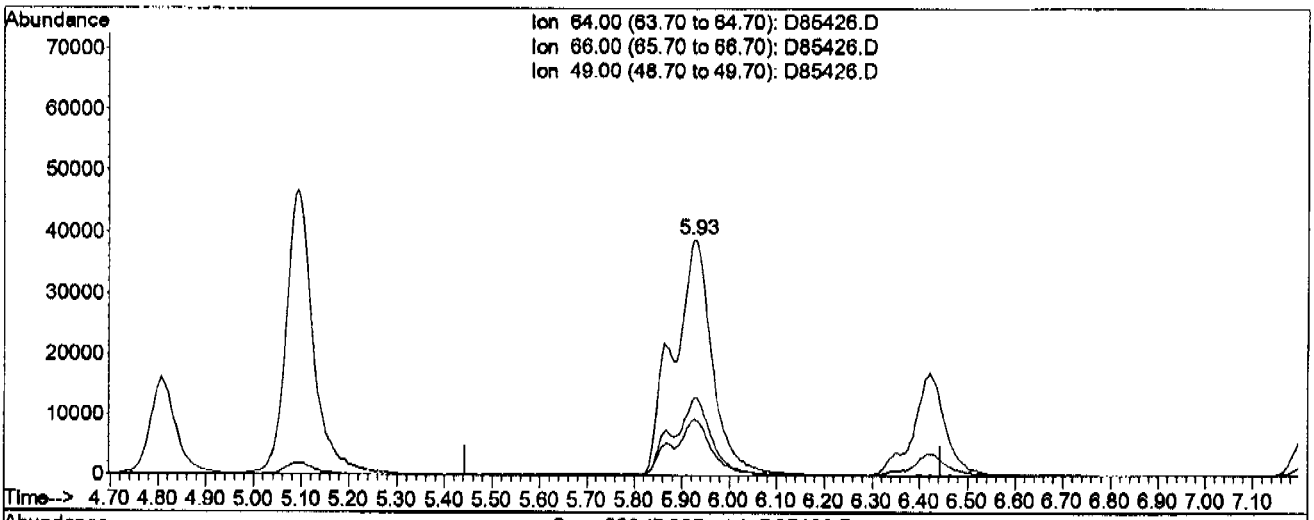


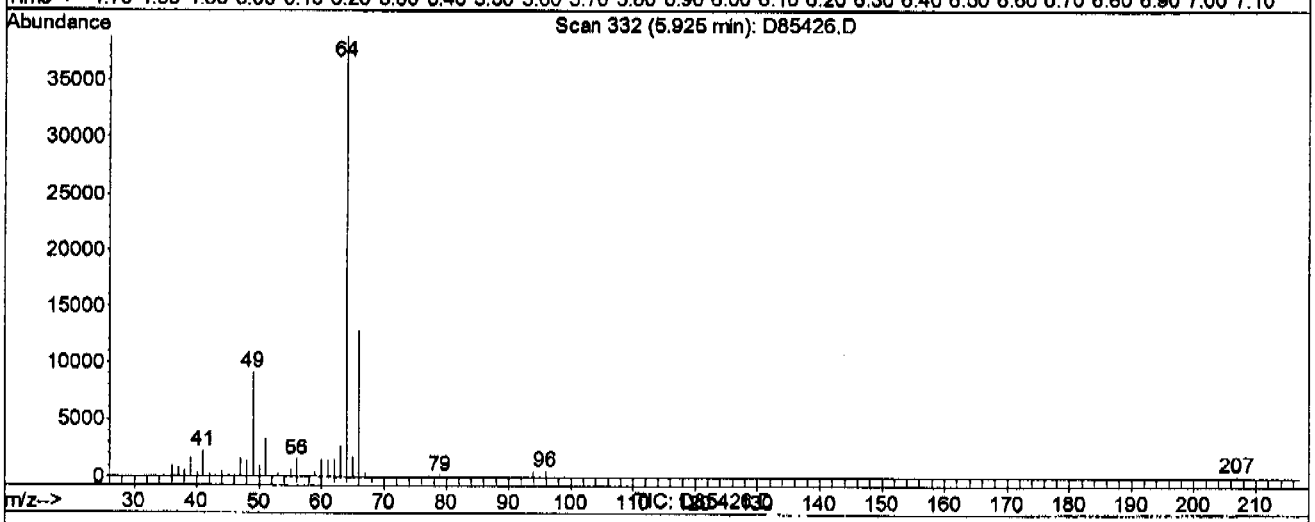
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\D85426.D
Acq On : 9 Aug 2004 10:14 pm
Sample : IC3408-200
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:29 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Multiple Level Calibration





(9) chloroethane (M)

5.93min 126.80ug/L m

response 223386

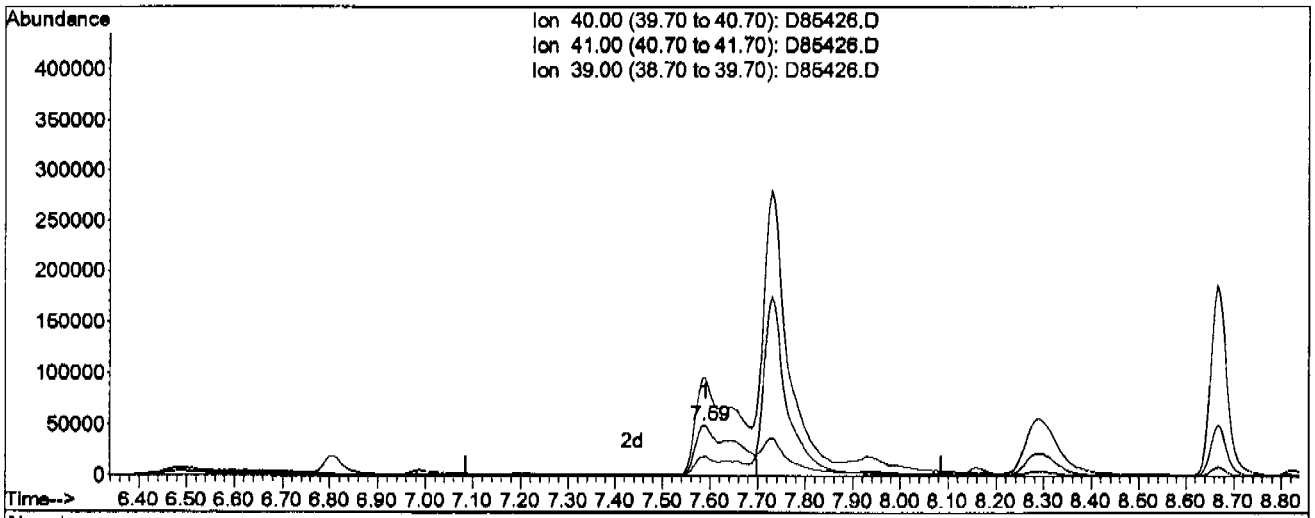
Ion	Exp%	Act%
64.00	100	100
66.00	30.80	33.11
49.00	21.10	23.62
0.00	0.00	0.00

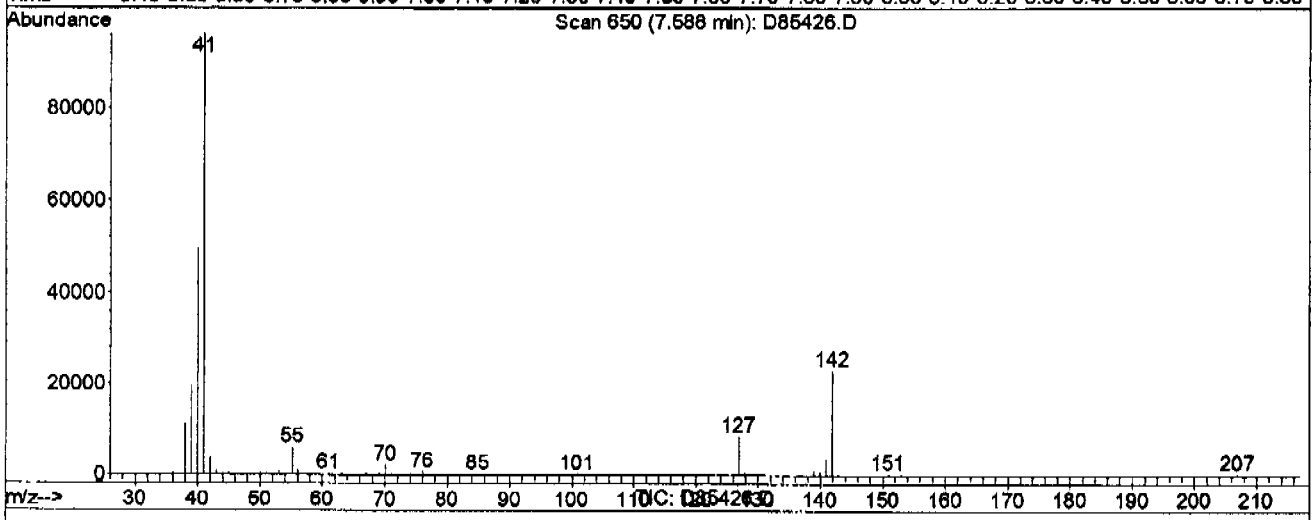
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\D85426.D
Acq On : 9 Aug 2004 10:14 pm
Sample : IC3408-200
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:29 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Multiple Level Calibration





(16) acetonitrile (M)

7.59min 1229.07ug/L m

response 289571

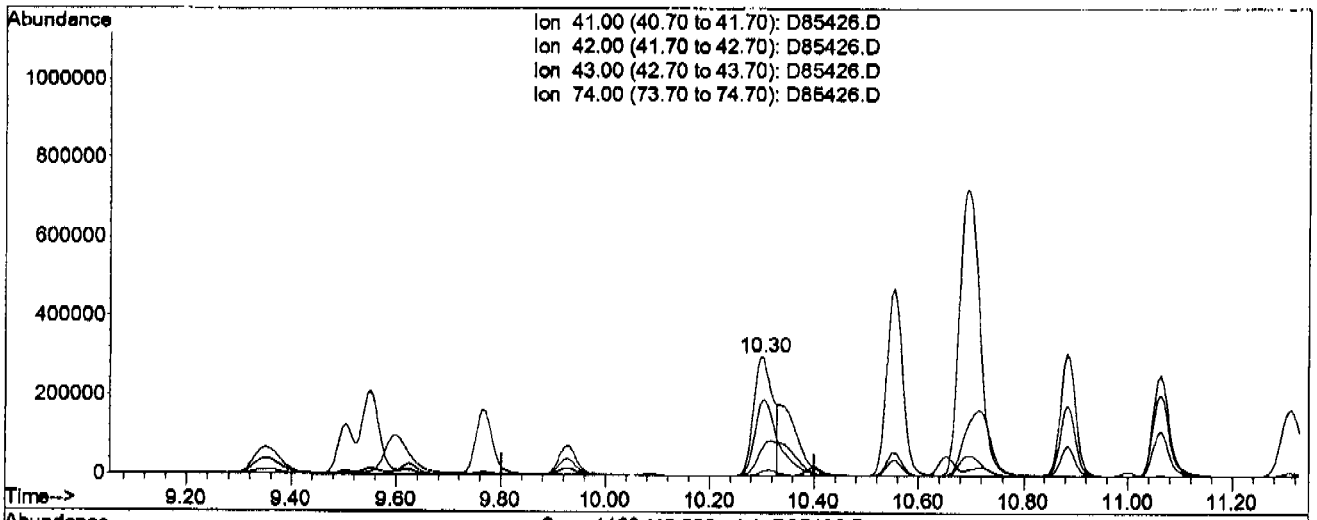
Ion	Exp%	Act%
40.00	100	100
41.00	194.00	195.28
39.00	36.20	39.84
0.00	0.00	0.00

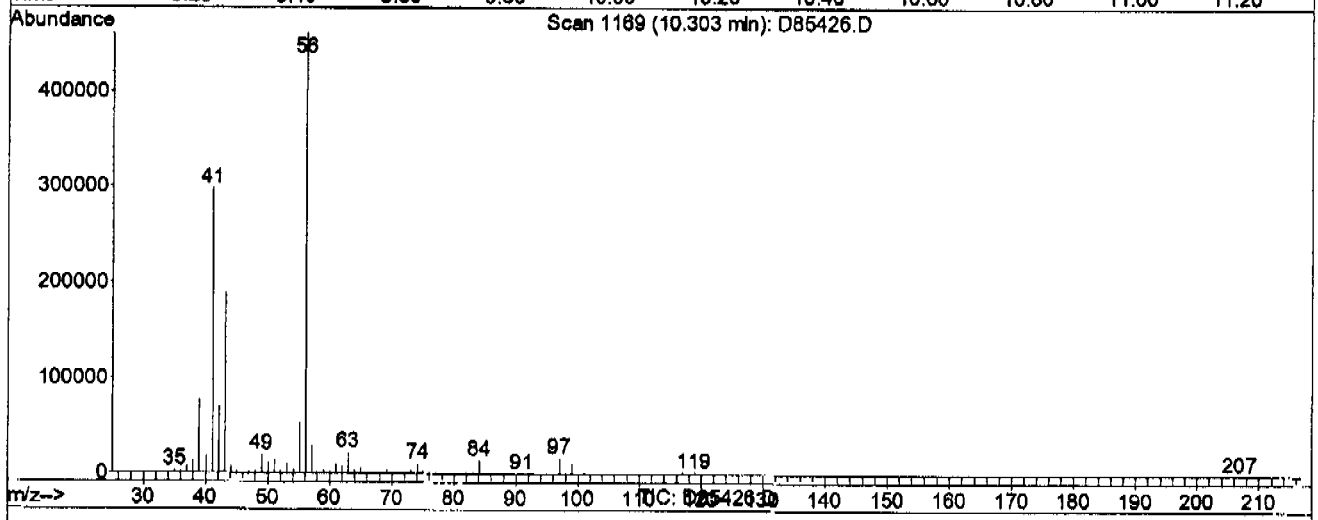
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\D85426.D
Acq On : 9 Aug 2004 10:14 pm
Sample : IC3408-200
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:29 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Multiple Level Calibration





(18) Iso-butyl alcohol (M)

10.30min 1660.35ug/L m

response 760817

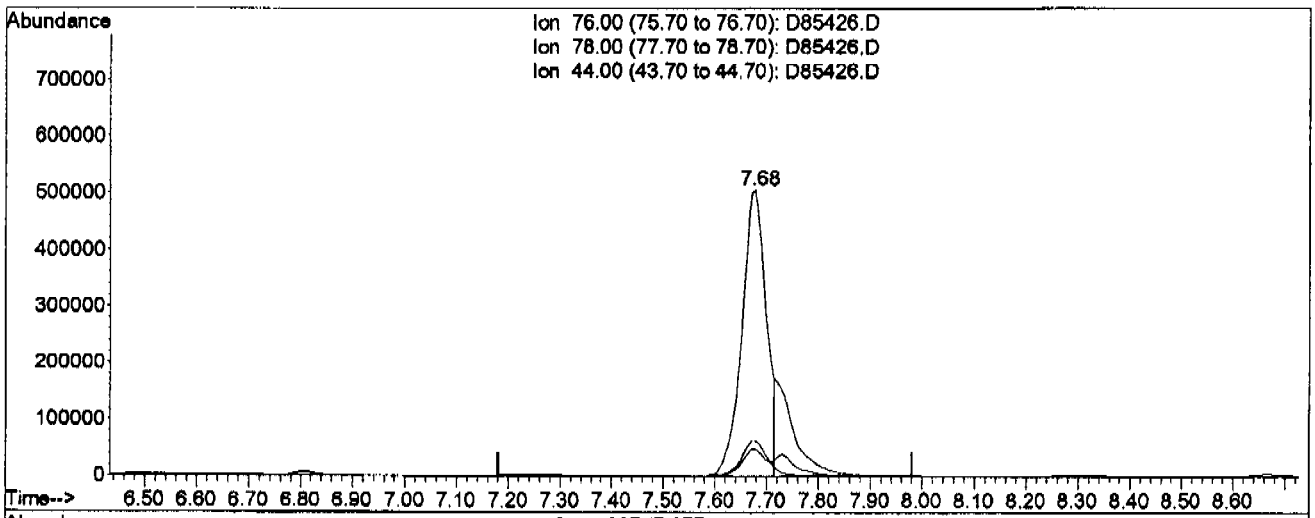
Ion	Exp%	Act%
41.00	100	100
42.00	23.60	23.88
43.00	64.90	63.81
74.00	2.90	3.56

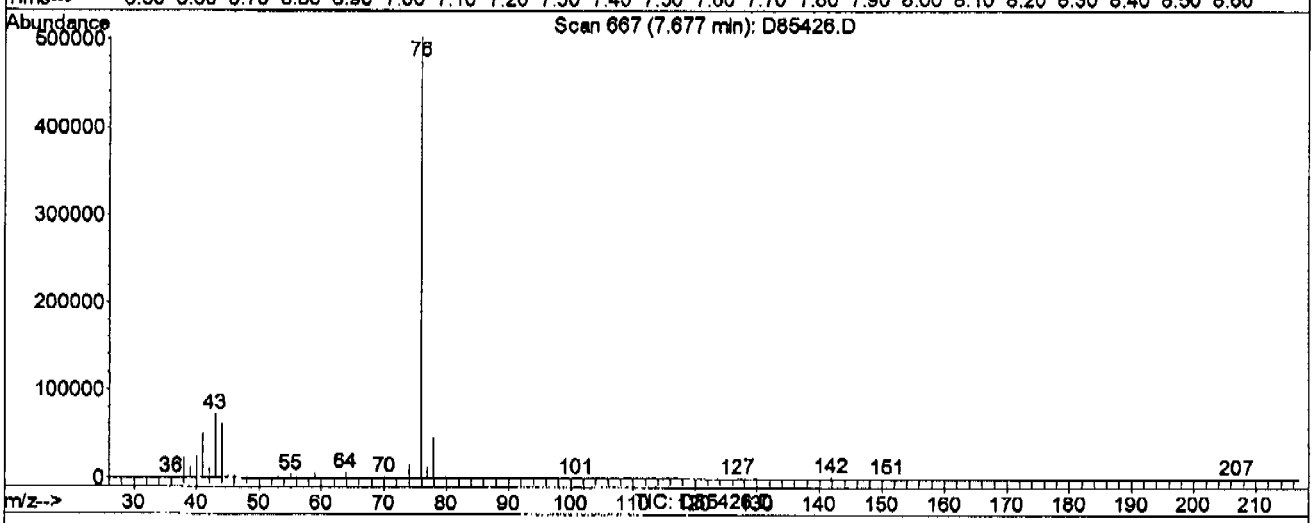
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\D85426.D
Acq On : 9 Aug 2004 10:14 pm
Sample : IC3408-200
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:29 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Multiple Level Calibration





(19) carbon disulfide (M)

7.68min 182.00ug/L m

response 1642470

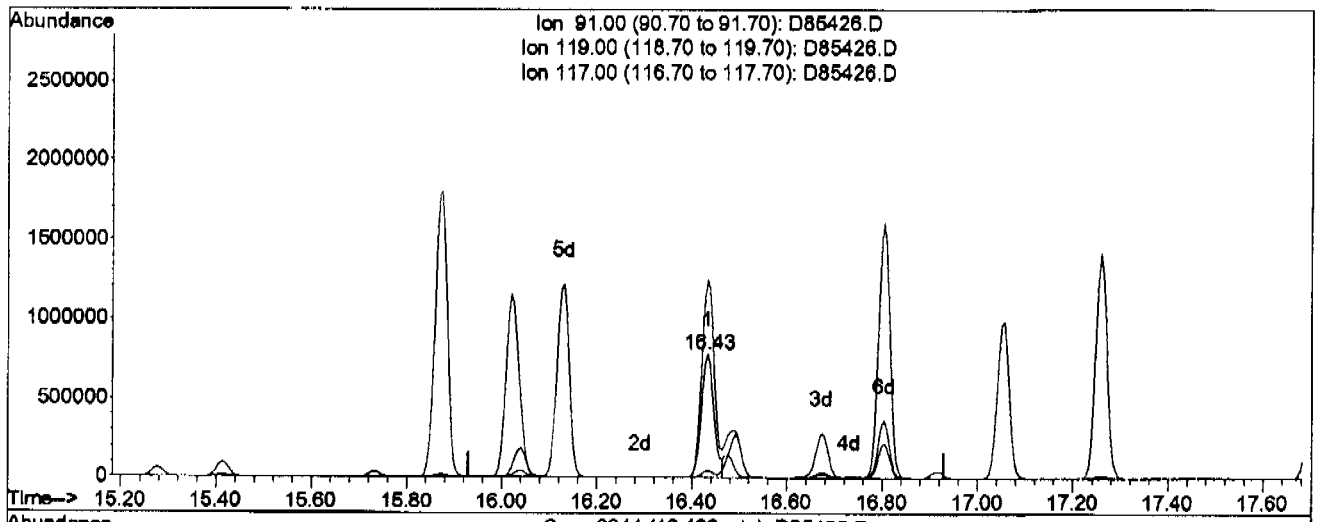
Ion	Exp%	Act%
76.00	100	100
78.00	9.40	9.36
44.00	12.80	12.33
0.00	0.00	0.00

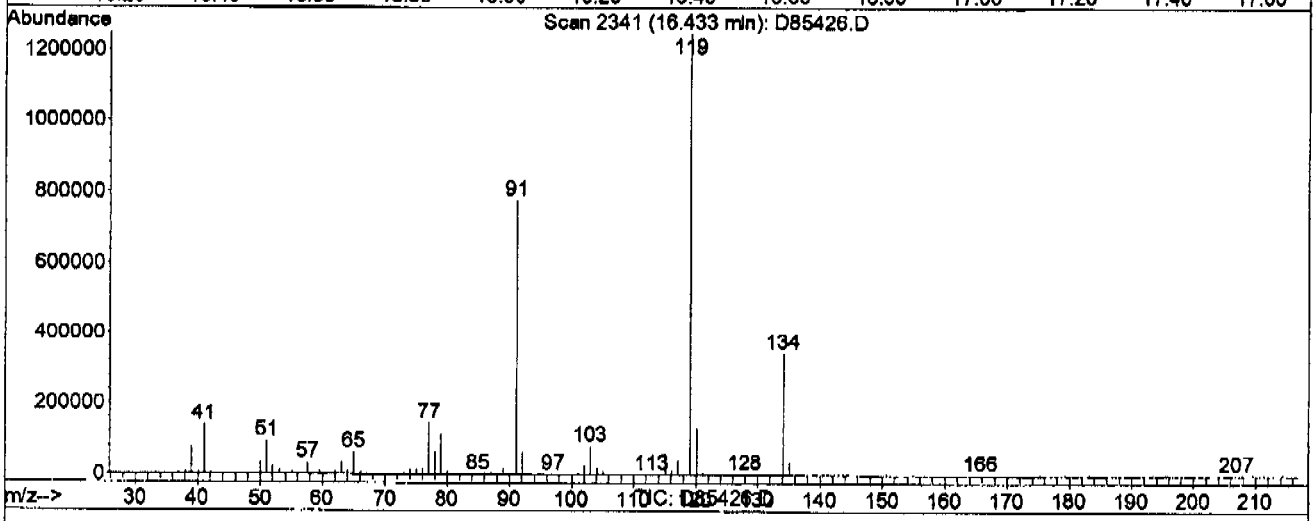
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\D85426.D
Acq On : 9 Aug 2004 10:14 pm
Sample : IC3408-200
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:29 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Multiple Level Calibration





(98) tert-butylbenzene (M)

16.43min 207.92ug/L m

response 1445981

Ion	Exp%	Act%
91.00	100	100
119.00	164.80	160.45
117.00	5.60	5.50
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\D85427.D
Acq On : 9 Aug 2004 10:44 pm
Sample : IC3408-100
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:30 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Quant Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:18:09 2004
Response via : Initial Calibration
DataAcq Meth : MD3408

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.82	65	211939	500.00 ug/L	0.00
3) pentafluorobenzene	10.09	168	470808	50.00 ug/L	0.00
44) 1,4-difluorobenzene	11.00	114	687277	50.00 ug/L	0.00
73) chlorobenzene-d5	14.33	117	648580	50.00 ug/L	0.00
86) 1,4-dichlorobenzene-d4	16.91	152	390740	50.00 ug/L	0.00

System Monitoring Compounds					
38) dibromofluoromethane (s)	10.10	113	199101	49.22 ug/L	0.00
Spiked Amount 50.000	Range 71 - 117		Recovery = 98.44%		
39) 1,2-dichloroethane-d4 (s)	10.53	65	222768	47.06 ug/L	0.00
Spiked Amount 50.000	Range 68 - 129		Recovery = 94.12%		
65) toluene-d8 (s)	12.71	98	813759	50.09 ug/L	0.00
Spiked Amount 50.000	Range 78 - 115		Recovery = 100.18%		
88) 4-bromofluorobenzene (s)	15.61	95	318752	49.57 ug/L	0.00
Spiked Amount 50.000	Range 73 - 127		Recovery = 99.14%		

Target Compounds					Qvalue
2) tertiary butyl alcohol	7.94	59	149571	514.04 ug/L	94
4) chlorodifluoromethane	4.43	51	357067	95.24 ug/L	96
5) dichlorodifluoromethane	4.41	85	276784	101.71 ug/L	98
6) chloromethane	4.81	50	277274	84.13 ug/L	99
7) vinyl chloride	5.09	62	299801	93.43 ug/L	100
8) bromomethane	5.75	94	168622	75.52 ug/L	97
9) chloroethane	5.94	64	148667	80.84 ug/L	97
10) trichlorofluoromethane	6.43	101	389923m	101.23 ug/L	
11) ethyl ether	6.81	74	191808 7(	106.05 ug/L	98
12) acrolein	6.99	56	235884	919.95 ug/L	99
13) 1,1-dichloroethene	7.27	96	287777	103.59 ug/L	94
14) acetone	7.21	43	99245	88.70 ug/L	98
15) allyl chloride	7.73	41	592563	101.04 ug/L	96
16) acetonitrile	7.59	40	172503	701.41 ug/L	99
17) iodomethane	7.53	142	525773	106.36 ug/L	100
18) iso-butyl alcohol	10.30	41	410250m7(	857.68 ug/L	
19) carbon disulfide	7.68	76	893671m7(	94.86 ug/L	
20) methylene chloride	7.90	84	335770 8/14/04	99.87 ug/L	96
21) methyl acetate	7.70	43	235685	96.02 ug/L	98
22) methyl tert butyl ether	8.29	73	870081	106.52 ug/L	99
23) trans-1,2-dichloroethene	8.30	96	310967	102.86 ug/L	96
24) di-isopropyl ether	8.88	45	907318	101.47 ug/L	98
25) ethyl tert-butyl ether	9.35	59	881854	104.15 ug/L	99
26) 2-butanone	9.51	72	42107	115.25 ug/L	98
27) 1,1-dichloroethane	8.84	63	524952	97.60 ug/L	99
28) chloroprene	8.98	53	357678	106.06 ug/L	98
29) acrylonitrile	8.16	53	652999	521.46 ug/L	99
30) vinyl acetate	8.83	86	67632	132.58 ug/L	88
31) ethyl acetate	9.55	45	35737	108.54 ug/L	50
32) 2,2-dichloropropane	9.60	77	357690	93.30 ug/L	99
33) cis-1,2-dichloroethene	9.56	96	337603	102.23 ug/L	97
34) propionitrile	9.55	54	490803	1034.98 ug/L	99
35) bromochloromethane	9.86	128	177684	105.85 ug/L	93

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\D85427.D
Acq On : 9 Aug 2004 10:44 pm
Sample : IC3408-100
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:30 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Quant Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:18:09 2004
Response via : Initial Calibration
DataAcq Meth : MD3408

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
36)	tetrahydrofuran	9.93	42	97145	100.55 ug/L	96
37)	chloroform	9.91	83	514696	98.51 ug/L	98
40)	freon 113	7.27	151	229718	115.40 ug/L	98
41)	methacrylonitrile	9.77	41	199752	107.02 ug/L	99
42)	1,1,1-trichloroethane	10.22	97	453078	98.63 ug/L	99
43)	tert-amyl methyl ether	10.71	73	825409	95.50 ug/L	99
45)	Di-isobutylene	11.31	57	810207	111.90 ug/L	97
46)	epichlorohydrin	12.23	57	215049	538.16 ug/L	99
47)	n-butyl alcohol	11.06	56	492483	5707.42 ug/L	96
48)	carbon tetrachloride	10.44	117	398624	100.16 ug/L	99
49)	1,1-dichloropropene	10.40	75	402958	101.80 ug/L	98
50)	hexane	8.67	57	377634	106.63 ug/L	99
51)	benzene	10.65	78	1201254	98.63 ug/L	99
52)	heptane	10.88	57	190052	104.01 ug/L	99
53)	isopropyl acetate	10.55	43	551733	103.44 ug/L	99
54)	1,2-dichloroethane	10.62	62	391208	95.52 ug/L	99
55)	trichloroethene	11.36	95	309426	99.39 ug/L	98
56)	2-nitropropane	12.07	43	90793	122.84 ug/L	99
57)	2-chloroethyl vinyl ether	12.13	63	980215	508.83 ug/L	97
58)	methyl methacrylate	11.61	69	345050	109.72 ug/L	92
59)	1,2-dichloropropane	11.60	63	312729	99.32 ug/L	100
60)	methylcyclohexane	11.65	83	515417	106.75 ug/L	96
61)	dibromomethane	11.75	93	200443	101.65 ug/L	100
62)	1,4-dioxane	11.71	88	87335	2809.12 ug/L	95
63)	bromodichloromethane	11.88	83	405211	103.17 ug/L	100
64)	cis-1,3-dichloropropene	12.37	75	540547	106.11 ug/L	98
66)	4-methyl-2-pentanone	12.46	43	477343	107.14 ug/L	100
67)	toluene	12.79	92	791314	101.33 ug/L	97
68)	3-methyl-1-butanol	12.45	70	202217	2469.58 ug/L	96
69)	trans-1,3-dichloropropene	12.94	75	497791	106.25 ug/L	98
70)	ethyl methacrylate	12.97	69	452727	114.85 ug/L	95
71)	1,1,2-trichloroethane	13.17	83	248268	102.73 ug/L	98
72)	2-hexanone	13.37	43	210525	107.87 ug/L	96
74)	tetrachloroethene	13.43	166	392022	101.70 ug/L	99
75)	1,3-dichloropropane	13.37	76	509142	101.49 ug/L	100
76)	butyl acetate	13.47	56	217307	110.01 ug/L	97
77)	dibromochloromethane	13.66	129	348831	112.99 ug/L	98
78)	1,2-dibromoethane	13.83	107	311783	106.45 ug/L	98
79)	chlorobenzene	14.37	112	944842	101.74 ug/L	99
80)	1,1,1,2-tetrachloroethane	14.42	131	340185	104.39 ug/L	98
81)	ethylbenzene	14.45	91	1483220	102.51 ug/L	97
82)	m,p-xylene	14.56	106	1188338	207.42 ug/L	95
83)	o-xylene	15.02	106	602897	104.58 ug/L	99
84)	styrene	15.02	104	995271	110.51 ug/L	100
85)	bromoform	15.28	173	262354	119.63 ug/L	99
87)	isopropylbenzene	15.41	105	1436684	108.29 ug/L	99
89)	bromobenzene	15.83	156	438599	105.15 ug/L	98
90)	cyclohexanone	15.54	55	224208	89.62 ug/L	99
91)	1,1,2,2-tetrachloroethane	15.68	83	413768	103.66 ug/L	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\D85427.D
Acq On : 9 Aug 2004 10:44 pm
Sample : IC3408-100
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:30 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Quant Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:18:09 2004
Response via : Initial Calibration
DataAcq Meth : MD3408

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
92)	trans-1,4-dichloro-2-buten	15.73	53	118379	110.64 ug/L	94
93)	1,2,3-trichloropropane	15.77	77	103711	90.11 ug/L	98
94)	n-propylbenzene	15.87	91	1783625	104.84 ug/L	98
95)	2-chlorotoluene	16.02	91	1225063	102.89 ug/L	100
96)	4-chlorotoluene	16.13	91	1134633	103.80 ug/L	100
97)	1,3,5-trimethylbenzene	16.03	105	1299135	107.15 ug/L	100
98)	tert-butylbenzene	16.43	91	738165m	106.09 ug/L	
99)	pentachloroethane	16.49	167	280207 rl	115.40 ug/L	98
100)	1,2,4-trimethylbenzene	16.47	105	1370980 8/10/04	108.24 ug/L	99
101)	sec-butylbenzene	16.67	105	1732307	108.79 ug/L	99
102)	1,3-dichlorobenzene	16.86	146	859670	104.12 ug/L	100
103)	p-isopropyltoluene	16.80	119	1509237	110.35 ug/L	99
104)	1,4-dichlorobenzene	16.94	146	890392	102.94 ug/L	100
105)	1,2-dichlorobenzene	17.37	146	840239	104.22 ug/L	99
106)	n-butylbenzene	17.26	91	1293266	106.43 ug/L	99
107)	1,2-dibromo-3-chloropropan	18.19	75	76099	110.89 ug/L	92
108)	1,2,4-trichlorobenzene	19.17	180	579384	110.97 ug/L	100
109)	hexachlorobutadiene	19.33	225	289421	104.75 ug/L	99
110)	naphthalene	19.48	128	1199860	122.50 ug/L	100
111)	1,2,3-trichlorobenzene	19.76	180	477580	114.97 ug/L	100
112)	hexachloroethane	17.70	119	271673	118.16 ug/L	99
113)	Cyclohexane	10.34	84	472419	105.68 ug/L #	100

(#) = qualifier out of range (m) = manual integration

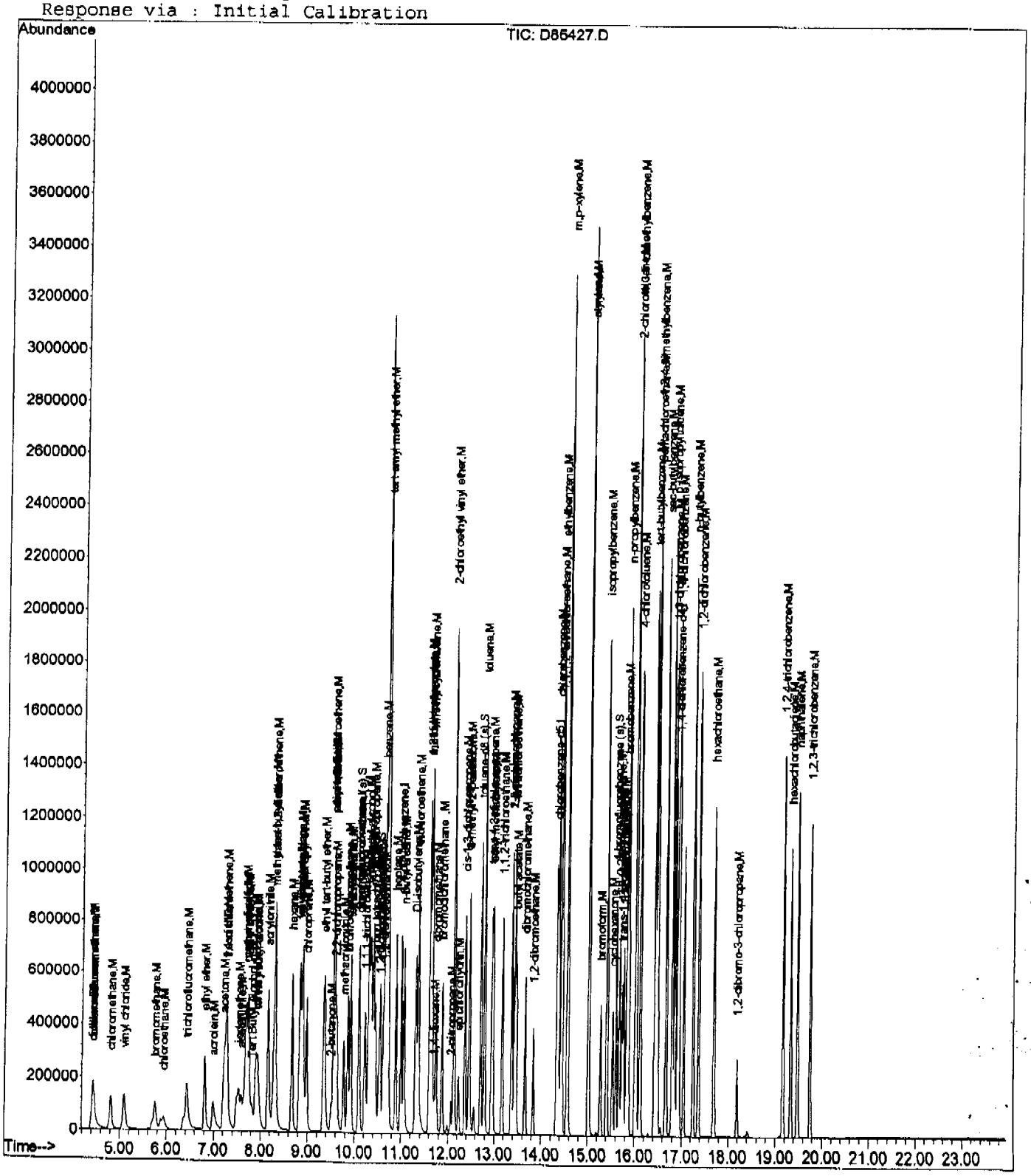
Quantitation Report

Data File : C:\HPCHEM\1\DATA\D85427.D
Acq On : 9 Aug 2004 10:44 pm
Sample : IC3408-100
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:30 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00

Quant Results File: MD3408.RES

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Initial Calibration

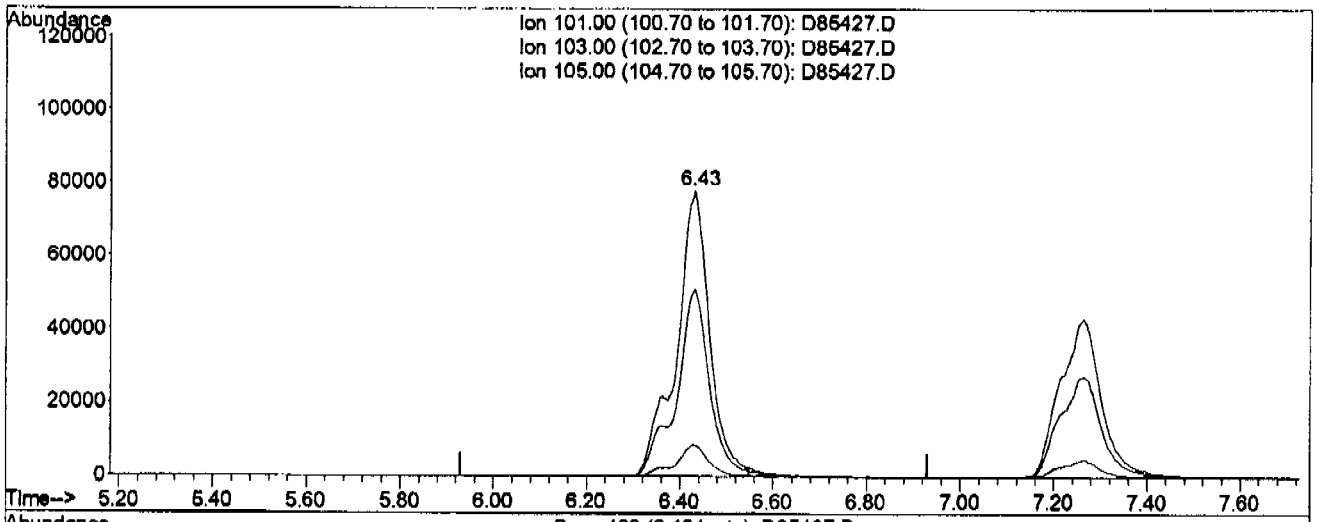


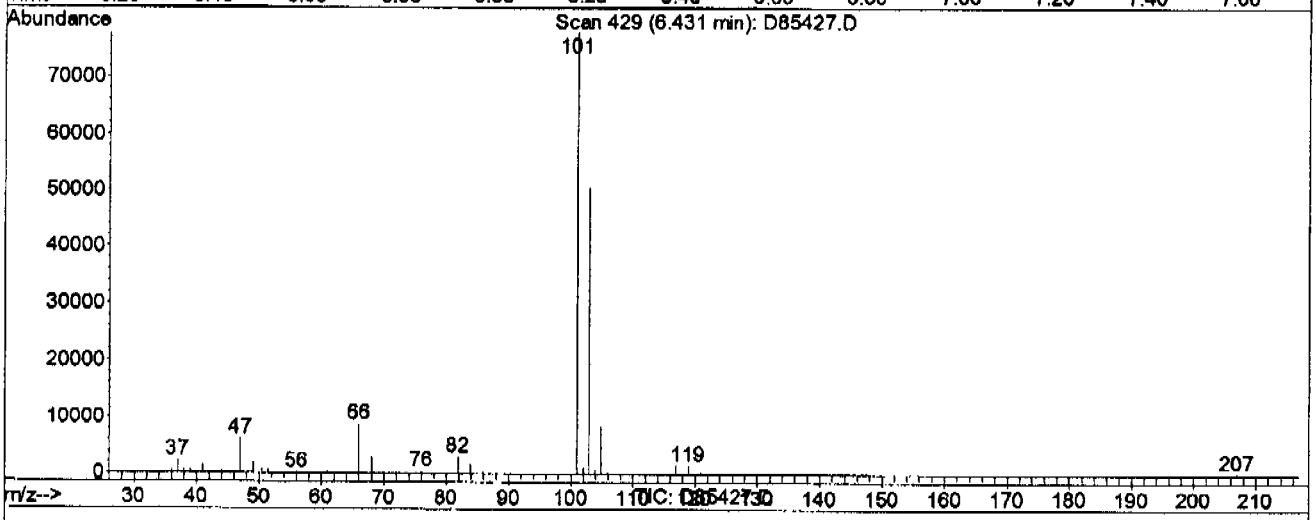
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\D85427.D
Acq On : 9 Aug 2004 10:44 pm
Sample : IC3408-100
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:30 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Multiple Level Calibration





(10) trichlorofluoromethane (M)

6.43min 101.23ug/L m

response 389923

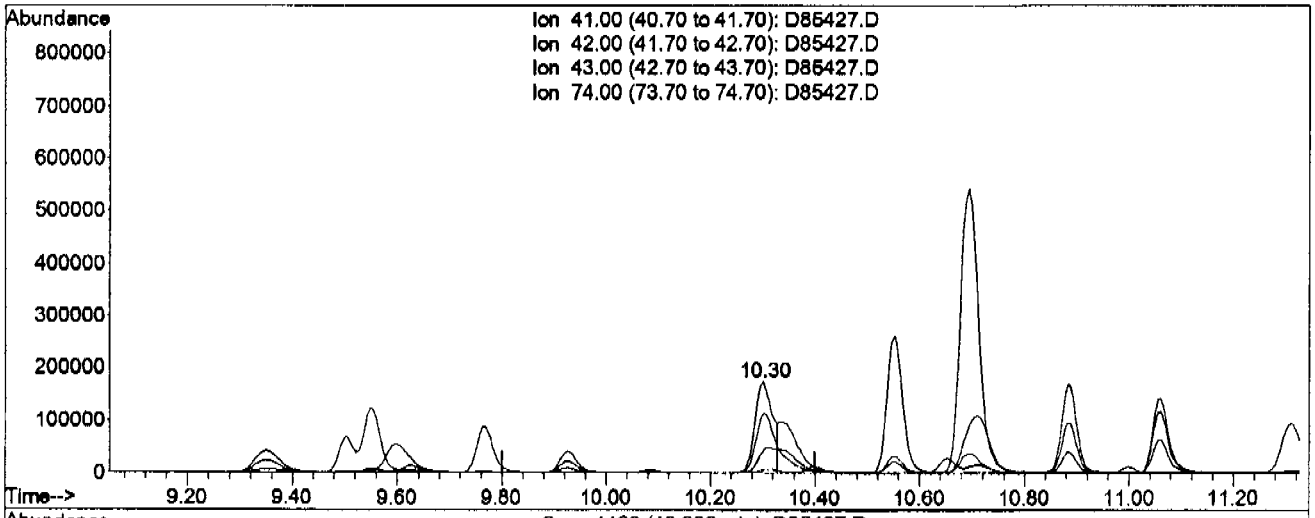
Ion	Exp%	Act%
101.00	100	100
103.00	63.30	64.98
105.00	10.90	10.77
0.00	0.00	0.00

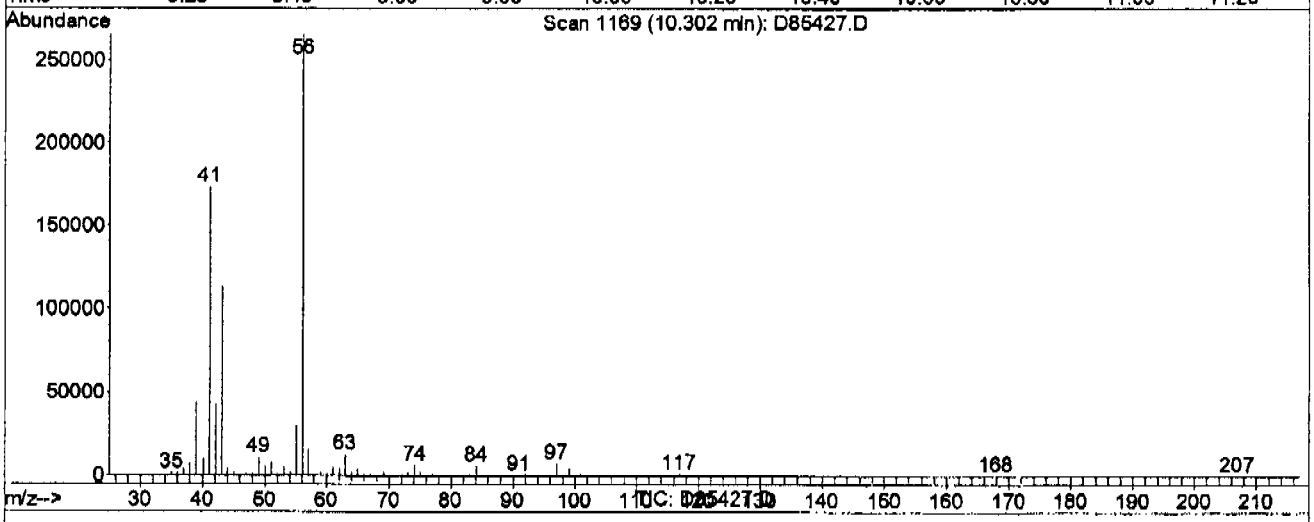
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\D85427.D
Acq On : 9 Aug 2004 10:44 pm
Sample : IC3408-100
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:30 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Multiple Level Calibration





(18) iso-butyl alcohol (M)

10.30min 857.68ug/L m

response 410250

Ion	Exp%	Act%
41.00	100	100
42.00	23.60	24.75
43.00	64.90	65.52
74.00	2.90	3.53

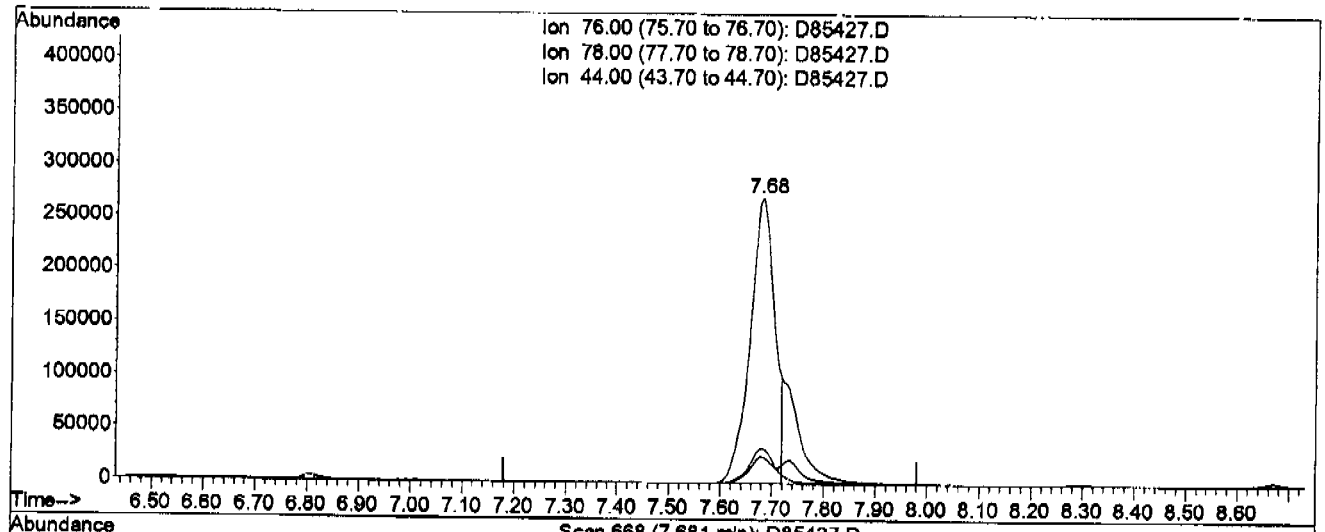
Quantitation Report (Qedit)

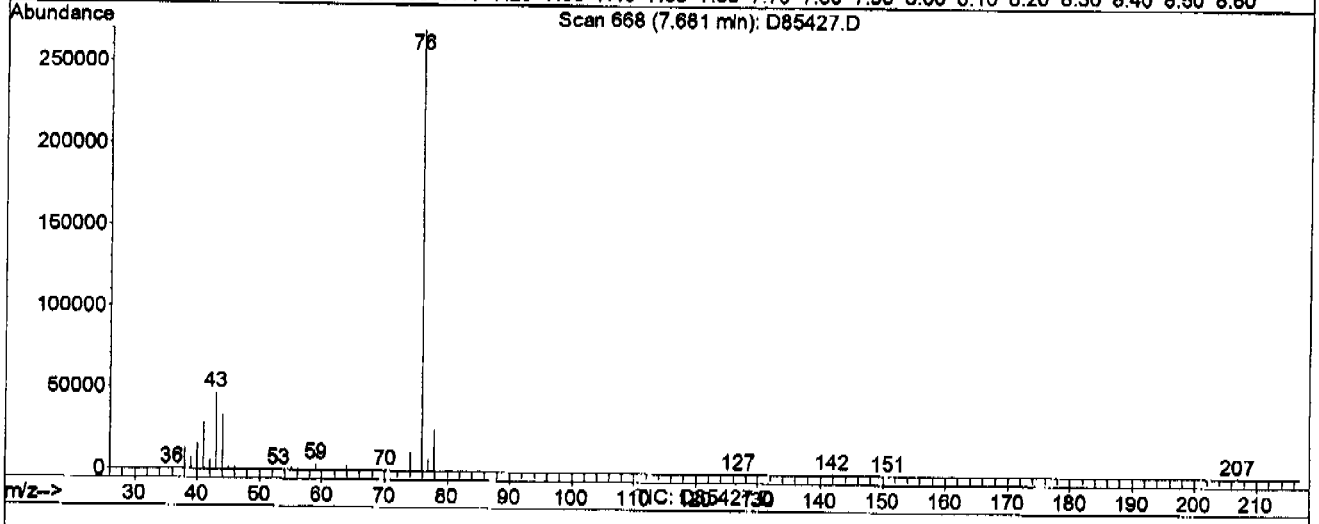
Data File : C:\HPCHEM\1\DATA\D85427.D
Acq On : 9 Aug 2004 10:44 pm
Sample : IC3408-100
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:30 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Multiple Level Calibration





(19) carbon disulfide (M)

7.68min 94.86ug/L m

response 893671

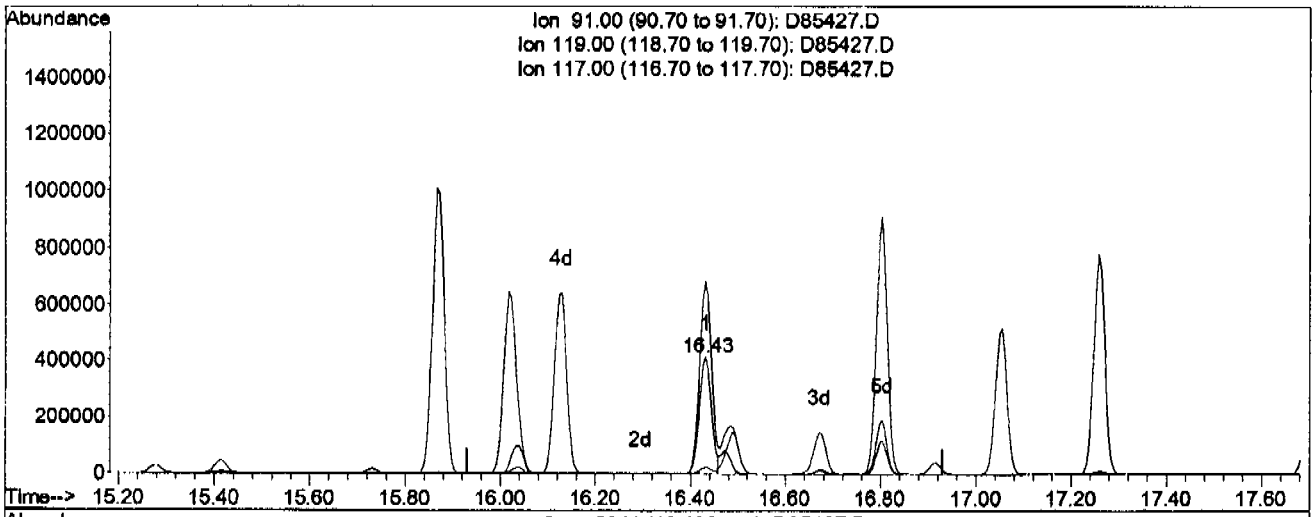
Ion	Exp%	Act%
76.00	100	100
78.00	9.40	9.24
44.00	12.80	12.02
0.00	0.00	0.00

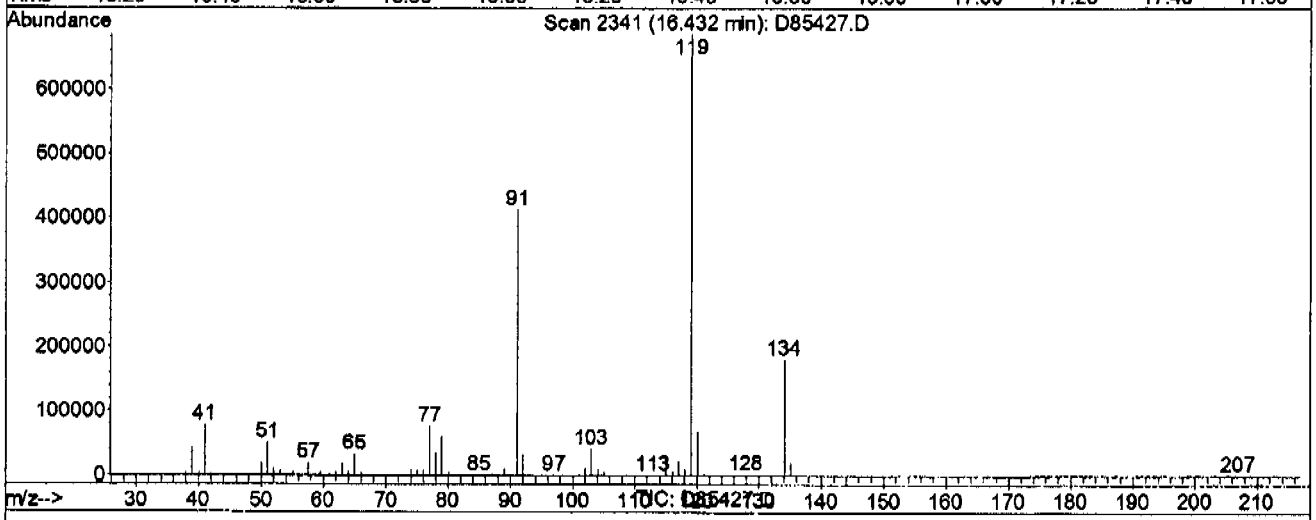
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\D85427.D
Acq On : 9 Aug 2004 10:44 pm
Sample : IC3408-100
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 10 8:30 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Multiple Level Calibration





(98) tert-butylbenzene (M)

16.43min 106.09ug/L m

response 738165

Ion	Exp%	Act%
91.00	100	100
119.00	164.80	165.59
117.00	5.60	5.49
0.00	0.00	0.00

Continuing Calibration Summary

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC
Sample: VD3413-CC3408
Lab FileID: D85560.D

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\D85560.D
Acq On : 12 Aug 2004 6:12 pm
Sample : CC3408-50
Misc : MS2846,VD3413,5,,,,1
MS Integration Params: RTEINT3.P

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Wed Aug 18 16:29:41 2004
Response via : Multiple Level Calibration

Min. RRF : 0.010 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	Tert Butyl Alcohol-d9	1.000	1.000	0.0	101	0.00	7.82
2	M	tertiary butyl alcohol	0.687	0.700	-1.9	100	0.00	7.93
3	I	pentafluorobenzene	1.000	1.000	0.0	104	0.00	10.09
4	M	chlorodifluoromethane	0.398	0.409	-2.8	110	0.00	4.43
5	M	dichlorodifluoromethane	0.289	0.268	7.3	90	0.00	4.41
6	M	chloromethane	0.350	0.291	16.9	86	0.00	4.81
7	M	vinyl chloride	0.341	0.304	10.9	91	0.00	5.08
		----------	True	Calc.	% Drift	----------		
8	M	bromomethane	50.000	55.134	-10.3	100	0.00	5.76
9	M	chloroethane	50.000	50.782	-1.6	95	0.00	5.95
		----------	AvgRF	CCRF	% Dev	----------		
10	M	trichlorofluoromethane	0.404	0.382	5.4	91	0.00	6.43
11	M	ethyl ether	0.192	0.204	-6.2	107	0.00	6.81
12	M	acrolein	0.027	0.028	-3.7	104	0.00	6.99
13	M	1,1-dichloroethene	0.295	0.318	-7.8	111	0.00	7.27
14	M	acetone	0.108	0.094	13.0	95	0.00	7.21
15	M	allyl chloride	0.623	0.627	-0.6	102	0.00	7.73
16	M	acetonitrile	0.018	0.014	22.2#	82	0.00	7.59
17	M	iodomethane	0.525	0.579	-10.3	111	0.00	7.54
18	M	iso-butyl alcohol	0.044	0.044	0.0	109	0.00	10.30
19	M	carbon disulfide	0.965	1.048	-8.6	111	0.00	7.68
20	M	methylene chloride	0.357	0.358	-0.3	106	0.00	7.90
21	M	methyl acetate	0.261	0.250	4.2	105	0.00	7.70
22	M	methyl tert butyl ether	0.867	0.805	7.2	93	0.00	8.29
23	M	trans-1,2-dichloroethene	0.321	0.340	-5.9	108	0.00	8.30
24	M	di-isopropyl ether	0.950	0.966	-1.7	105	0.00	8.88
25	M	ethyl tert-butyl ether	0.899	0.845	6.0	96	0.00	9.34
26	M	2-butanone	0.042	0.044	-4.8	106	0.00	9.50
27	M	1,1-dichloroethane	0.571	0.562	1.6	103	0.00	8.84
28	M	chloroprene	0.358	0.379	-5.9	106	0.00	8.98
29	M	acrylonitrile	0.133	0.135	-1.5	102	0.00	8.16
30	M	vinyl acetate	0.065	0.076	-16.9	116	0.00	8.83
31	M	ethyl acetate	0.040	0.043	-7.5	118	0.00	9.55
32	M	2,2-dichloropropane	0.407	0.411	-1.0	106	0.00	9.60
33	M	cis-1,2-dichloroethene	0.351	0.365	-4.0	107	0.00	9.56
34	M	propionitrile	0.050	0.051	-2.0	101	0.00	9.55
35	M	bromochloromethane	0.178	0.187	-5.1	107	0.00	9.86
36	M	tetrahydrofuran	0.103	0.100	2.9	100	0.00	9.93
37	M	chloroform	0.555	0.537	3.2	101	0.00	9.91

Continuing Calibration Summary

Job Number: N74646 **Sample:** VD3413-CC3408
Account: ENSRMAA ENSR Consulting & Engineering **Lab FileID:** D85560.D
Project: Former Camp Butner, NC

38	S	dibromofluoromethane (s)	0.430	0.418	2.8	102	0.00	10.10
39	S	1,2-dichloroethane-d4 (s)	0.503	0.454	9.7	96	0.00	10.53
40	M	freon 113	0.234	0.254	-8.5	113	0.00	7.27
41	M	methacrylonitrile	0.199	0.199	0.0	99	0.00	9.76
42	M	1,1,1-trichloroethane	0.488	0.472	3.3	99	0.00	10.22
43	M	tert-amyl methyl ether	0.918	0.857	6.6	98	0.00	10.71
44	I	1,4-difluorobenzene	1.000	1.000	0.0	104	0.00	11.00
45	M	Di-isobutylene	0.527	0.584	-10.8	103	0.00	11.31
46	M	epichlorohydrin	0.029	0.027	6.9	91	0.00	12.23
47	M	n-butyl alcohol	0.006	0.007#	-16.7	107	0.00	11.06
48	M	carbon tetrachloride	0.290	0.287	1.0	100	0.00	10.44
49	M	1,1-dichloropropene	0.288	0.297	-3.1	104	0.00	10.40
50	M	hexane	0.258	0.305	-18.2	119	0.00	8.67
51	M	benzene	0.886	0.904	-2.0	105	0.00	10.65
52	M	heptane	0.133	0.153	-15.0	114	0.00	10.88
53	M	isopropyl acetate	0.388	0.401	-3.4	105	0.00	10.55
54	M	1,2-dichloroethane	0.298	0.276	7.4	97	0.00	10.62
55	M	trichloroethene	0.227	0.228	-0.4	102	0.00	11.36
		----------	True	Calc.	% Drift	----------		
56	M	2-nitropropane	50.000	42.427	15.1	94	0.00	12.07
		----------	AvgRF	CCRF	% Dev	----------		
57	M	2-chloroethyl vinyl ether	0.140	0.156	-11.4	108	0.00	12.13
58	M	methyl methacrylate	0.229	0.260	-13.5	107	0.00	11.61
59	M	1,2-dichloropropane	0.229	0.232	-1.3	102	0.00	11.60
60	M	methylcyclohexane	0.351	0.396	-12.8	112	0.00	11.65
61	M	dibromomethane	0.143	0.145	-1.4	101	0.00	11.75
62	M	1,4-dioxane	0.002	0.002#	0.0	94	0.00	11.70
63	M	bromodichloromethane	0.286	0.288	-0.7	100	0.00	11.88
64	M	cis-1,3-dichloropropene	0.371	0.389	-4.9	101	0.00	12.37
65	S	toluene-d8 (s)	1.182	1.171	0.9	102	0.00	12.71
66	M	4-methyl-2-pentanone	0.324	0.338	-4.3	99	0.00	12.46
67	M	toluene	0.568	0.579	-1.9	103	0.00	12.79
		----------	True	Calc.	% Drift	----------		
68	M	3-methyl-1-butanol	1000.000	1022.420	-2.2	107	0.00	12.45
		----------	AvgRF	CCRF	% Dev	----------		
69	M	trans-1,3-dichloropropene	0.341	0.355	-4.1	100	0.00	12.94
70	M	ethyl methacrylate	0.298	0.323	-8.4	103	0.00	12.97
71	M	1,1,2-trichloroethane	0.176	0.178	-1.1	101	0.00	13.17
72	M	2-hexanone	0.142	0.150	-5.6	98	0.00	13.37
73	I	chlorobenzene-d5	1.000	1.000	0.0	102	0.00	14.33
74	M	tetrachloroethene	0.297	0.302	-1.7	101	0.00	13.43
75	M	1,3-dichloropropane	0.387	0.396	-2.3	101	0.00	13.37
76	M	butyl acetate	0.152	0.172	-13.2	107	0.00	13.47
77	M	dibromochloromethane	0.238	0.260	-9.2	102	0.00	13.66
78	M	1,2-dibromoethane	0.226	0.239	-5.8	103	0.00	13.83
79	M	chlorobenzene	0.716	0.728	-1.7	102	0.00	14.37
80	M	1,1,1,2-tetrachloroethane	0.251	0.259	-3.2	101	0.00	14.42
81	M	ethylbenzene	1.115	1.163	-4.3	101	0.00	14.45
82	M	m,p-xylene	0.442	0.468	-5.9	102	0.00	14.56
83	M	o-xylene	0.444	0.479	-7.9	102	0.00	15.02
84	M	styrene	0.694	0.785	-13.1	102	0.00	15.02
		----------	True	Calc.	% Drift	----------		
85	M	bromoform	50.000	48.868	2.3	103	0.00	15.28

Continuing Calibration Summary

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC
Sample: VD3413-CC3408
Lab FileID: D85560.D

			AvgRF	CCRF	% Dev			
86	I	1,4-dichlorobenzene-d4	1.000	1.000	0.0	99	0.00	16.91
87	M	isopropylbenzene	1.698	1.847	-8.8	99	0.00	15.41
88	S	4-bromofluorobenzene (s)	0.823	0.819	0.5	99	0.00	15.61
89	M	bromobenzene	0.534	0.558	-4.5	100	0.00	15.83
90	M	cyclohexanone	0.320	0.223	30.3#	101	0.00	15.54
91	M	1,1,2,2-tetrachloroethane	0.511	0.531	-3.9	101	0.00	15.68
92	M	trans-1,4-dichloro-2-bute	0.137	0.132	3.6	88	0.00	15.73
93	M	1,2,3-trichloropropane	0.134	0.130	3.0	97	0.00	15.77
94	M	n-propylbenzene	2.177	2.321	-6.6	99	0.00	15.87
95	M	2-chlorotoluene	1.524	1.597	-4.8	99	0.00	16.02
96	M	4-chlorotoluene	1.399	1.449	-3.6	98	0.00	16.13
97	M	1,3,5-trimethylbenzene	1.551	1.667	-7.5	99	0.00	16.03
98	M	tert-butylbenzene	0.894	0.930	-4.0	95	0.00	16.43
99	M	pentachloroethane	0.311	0.360	-15.8	102	0.00	16.49
100	M	1,2,4-trimethylbenzene	1.621	1.749	-7.9	99	0.00	16.47
101	M	sec-butylbenzene	2.038	2.201	-8.0	98	0.00	16.67
102	M	1,3-dichlorobenzene	1.057	1.092	-3.3	100	0.00	16.86
103	M	p-isopropyltoluene	1.750	1.902	-8.7	98	0.00	16.80
104	M	1,4-dichlorobenzene	1.107	1.130	-2.1	100	0.00	16.94
105	M	1,2-dichlorobenzene	1.032	1.053	-2.0	99	0.00	17.37
106	M	n-butylbenzene	1.555	1.659	-6.7	97	0.00	17.26
107	M	1,2-dibromo-3-chloropropa	0.088	0.092	-4.5	95	0.00	18.19
108	M	1,2,4-trichlorobenzene	0.668	0.734	-9.9	99	0.00	19.17
109	M	hexachlorobutadiene	0.354	0.357	-0.8	94	0.00	19.33
110	M	naphthalene	1.310	1.403	-7.1	97	0.00	19.48
111	M	1,2,3-trichlorobenzene	0.532	0.551	-3.6	95	0.00	19.76

			True	Calc.	% Drift			
112	M	hexachloroethane	50.000	48.199	3.6	97	0.00	17.70

			AvgRF	CCRF	% Dev			
113	M	Cyclohexane	0.572	0.643	-12.4	107	0.00	10.34

(#) = Out of Range SPCC's out = 0 CCC's out = 0
D85425.D MD3408.M Wed Aug 25 15:33:07 2004 MSD

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\D85560.D
Acq On : 12 Aug 2004 6:12 pm
Sample : CC3408-50
Misc : MS2846,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:26 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Quant Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Initial Calibration
DataAcq Meth : MD3408

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.82	65	181949	500.00 ug/L	0.00
3) pentafluorobenzene	10.09	168	442328	50.00 ug/L	0.00
44) 1,4-difluorobenzene	11.00	114	638850	50.00 ug/L	0.00
73) chlorobenzene-d5	14.33	117	594991	50.00 ug/L	0.00
86) 1,4-dichlorobenzene-d4	16.91	152	351875	50.00 ug/L	0.00
System Monitoring Compounds					
38) dibromofluoromethane (s)	10.10	113	185110	48.70 ug/L	0.00
Spiked Amount 50.000	Range 71 - 117		Recovery = 97.40%		
39) 1,2-dichloroethane-d4 (s)	10.53	65	200672	45.12 ug/L	0.00
Spiked Amount 50.000	Range 68 - 129		Recovery = 90.24%		
65) toluene-d8 (s)	12.71	98	748328	49.55 ug/L	0.00
Spiked Amount 50.000	Range 78 - 115		Recovery = 99.10%		
88) 4-bromofluorobenzene (s)	15.61	95	288243	49.78 ug/L	0.00
Spiked Amount 50.000	Range 73 - 127		Recovery = 99.56%		

Target Compounds					Qvalue
2) tertiary butyl alcohol	7.93	59	63680	254.88 ug/L	93
4) chlorodifluoromethane	4.43	51	181043	51.40 ug/L	94
5) dichlorodifluoromethane	4.41	85	118580	46.36 ug/L	98
6) chloromethane	4.81	50	128830	41.61 ug/L	97
7) vinyl chloride	5.08	62	134688	44.68 ug/L	99
8) bromomethane	5.76	94	91674	55.13 ug/L	96
9) chloroethane	5.95	64	74993m	50.78 ug/L	
10) trichlorofluoromethane	6.43	101	168895 7c	47.26 ug/L	99
11) ethyl ether	6.81	74	90123	53.03 ug/L	96
12) acrolein	6.99	56	124405	527.93 ug/L	97
13) 1,1-dichloroethene	7.27	96	140849	53.96 ug/L	89
14) acetone	7.21	43	41543	43.30 ug/L	100
15) allyl chloride	7.73	41	277383	50.35 ug/L	90
16) acetonitrile	7.59	40	63249	389.48 ug/L	99
17) iodomethane	7.54	142	256071	55.13 ug/L	98
18) iso-butyl alcohol	10.30	41	193637m 7c	498.34 ug/L	
19) carbon disulfide	7.68	76	463707m 7c	54.29 ug/L	
20) methylene chloride	7.90	84	158387 10/13/04	50.14 ug/L	94
21) methyl acetate	7.70	43	110794	48.04 ug/L	97
22) methyl tert butyl ether	8.29	73	356076	46.40 ug/L	98
23) trans-1,2-dichloroethene	8.30	96	150522	52.99 ug/L	97
24) di-isopropyl ether	8.88	45	427411	50.88 ug/L	98
25) ethyl tert-butyl ether	9.34	59	373905	47.00 ug/L	99
26) 2-butanone	9.50	72	19360	52.30 ug/L	99
27) 1,1-dichloroethane	8.84	63	248573	49.19 ug/L	100
28) chloroprene	8.98	53	167699	52.93 ug/L	95
29) acrylonitrile	8.16	53	299477	254.55 ug/L	98
30) vinyl acetate	8.83	86	33624	58.50 ug/L	89
31) ethyl acetate	9.55	45	18945	54.08 ug/L	94
32) 2,2-dichloropropane	9.60	77	181721	50.45 ug/L	100
33) cis-1,2-dichloroethene	9.56	96	161629	52.09 ug/L	94
34) propionitrile	9.55	54	226024	507.31 ug/L	99
35) bromochloromethane	9.86	128	82766	52.48 ug/L	93

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\D85560.D
Acq On : 12 Aug 2004 6:12 pm
Sample : CC3408-50
Misc : MS2846,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:26 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Quant Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Initial Calibration
DataAcq Meth : MD3408

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
36) tetrahydrofuran	9.93	42	44392	48.91 ug/L	95
37) chloroform	9.91	83	237378	48.36 ug/L	97
40) freon 113	7.27	151	112302	54.15 ug/L	94
41) methacrylonitrile	9.76	41	88096	49.99 ug/L	99
42) 1,1,1-trichloroethane	10.22	97	208560	48.32 ug/L	99
43) tert-amyl methyl ether	10.71	73	379273	46.71 ug/L	98
45) Di-isobutylene	11.31	57	373268	55.46 ug/L	96
46) epichlorohydrin	12.23	57	85834	231.08 ug/L	97
47) n-butyl alcohol	11.06	56	225271	2808.58 ug/L	98
48) carbon tetrachloride	10.44	117	183565	49.62 ug/L	99
49) 1,1-dichloropropene	10.40	75	189699	51.56 ug/L	97
50) hexane	8.67	57	195051	59.25 ug/L	99
51) benzene	10.65	78	577675	51.03 ug/L	99
52) heptane	10.88	57	97631	57.48 ug/L	99
53) isopropyl acetate	10.55	43	256162	51.66 ug/L	98
54) 1,2-dichloroethane	10.62	62	176289	46.31 ug/L	99
55) trichloroethene	11.36	95	145581	50.30 ug/L	97
56) 2-nitropropane	12.07	43	35226	42.43 ug/L	97
57) 2-chloroethyl vinyl ether	12.13	63	498705	278.50 ug/L	99
58) methyl methacrylate	11.61	69	166302	56.89 ug/L	88
59) 1,2-dichloropropane	11.60	63	148113	50.60 ug/L	98
60) methylcyclohexane	11.65	83	252828	56.33 ug/L	98
61) dibromomethane	11.75	93	92618	50.53 ug/L	97
62) 1,4-dioxane	11.70	88	35027	1222.69 ug/L	97
63) bromodichloromethane	11.88	83	183692	50.32 ug/L	99
64) cis-1,3-dichloropropene	12.37	75	248295	52.43 ug/L	97
66) 4-methyl-2-pentanone	12.46	43	215757	52.10 ug/L	99
67) toluene	12.79	92	370068	50.98 ug/L	99
68) 3-methyl-1-butanol	12.45	70	92017	1022.42 ug/L	97
69) trans-1,3-dichloropropene	12.94	75	226977	52.12 ug/L	97
70) ethyl methacrylate	12.97	69	206435	54.25 ug/L	95
71) 1,1,2-trichloroethane	13.17	83	113480	50.51 ug/L	97
72) 2-hexanone	13.37	43	95538	52.67 ug/L	97
74) tetrachloroethene	13.43	166	179651	50.80 ug/L	99
75) 1,3-dichloropropane	13.37	76	235807	51.24 ug/L	99
76) butyl acetate	13.47	56	102529	56.58 ug/L	93
77) dibromochloromethane	13.66	129	154515	54.56 ug/L	99
78) 1,2-dibromoethane	13.83	107	142321	52.97 ug/L	98
79) chlorobenzene	14.37	112	433063	50.83 ug/L	99
80) 1,1,1,2-tetrachloroethane	14.42	131	154166	51.57 ug/L	99
81) ethylbenzene	14.45	91	691776	52.12 ug/L	99
82) m,p-xylene	14.56	106	556921	105.96 ug/L	98
83) o-xylene	15.02	106	285180	53.92 ug/L	96
84) styrene	15.02	104	466981	56.52 ug/L	98
85) bromoform	15.28	173	114695	48.87 ug/L	97
87) isopropylbenzene	15.41	105	649800	54.39 ug/L	99
89) bromobenzene	15.83	156	196205	52.23 ug/L	99
90) cyclohexanone	15.54	55	78433	34.81 ug/L	98
91) 1,1,2,2-tetrachloroethane	15.68	83	186784	51.96 ug/L	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\D85560.D
Acq On : 12 Aug 2004 6:12 pm
Sample : CC3408-50
Misc : MS2846,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:26 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00

Quant Results File: MD3408.RES

Quant Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Initial Calibration
DataAcq Meth : MD3408

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
92)	trans-1,4-dichloro-2-buten	15.73	53	46384	48.14 ug/L	96
93)	1,2,3-trichloropropane	15.77	77	45724	48.42 ug/L	98
94)	n-propylbenzene	15.87	91	816722	53.31 ug/L	99
95)	2-chlorotoluene	16.02	91	561900	52.40 ug/L	100
96)	4-chlorotoluene	16.13	91	510023	51.79 ug/L	99
97)	1,3,5-trimethylbenzene	16.03	105	586746	53.74 ug/L	99
98)	tert-butylbenzene	16.43	91	327102m	52.01 ug/L	
99)	pentachloroethane	16.49	167	126534 K	57.87 ug/L	99
100)	1,2,4-trimethylbenzene	16.47	105	615521	53.97 ug/L	98
101)	sec-butylbenzene	16.67	105	774474	54.01 ug/L	99
102)	1,3-dichlorobenzene	16.86	146	384261	51.68 ug/L	100
103)	p-isopropyltoluene	16.80	119	669239	54.33 ug/L	99
104)	1,4-dichlorobenzene	16.94	146	397695	51.06 ug/L	99
105)	1,2-dichlorobenzene	17.37	146	370537	51.04 ug/L	99
106)	n-butylbenzene	17.26	91	583664	53.34 ug/L	99
107)	1,2-dibromo-3-chloropropan	18.19	75	32287	52.24 ug/L	89
108)	1,2,4-trichlorobenzene	19.17	180	258407	54.96 ug/L	98
109)	hexachlorobutadiene	19.33	225	125767	50.55 ug/L	98
110)	naphthalene	19.48	128	493736	53.57 ug/L	99
111)	1,2,3-trichlorobenzene	19.76	180	193790	51.80 ug/L	98
112)	hexachloroethane	17.70	119	114113	48.20 ug/L	99
113)	Cyclohexane	10.34	84	226165m	56.18 ug/L	

K

10/13/04

335

(#) = qualifier out of range (m) = manual integration

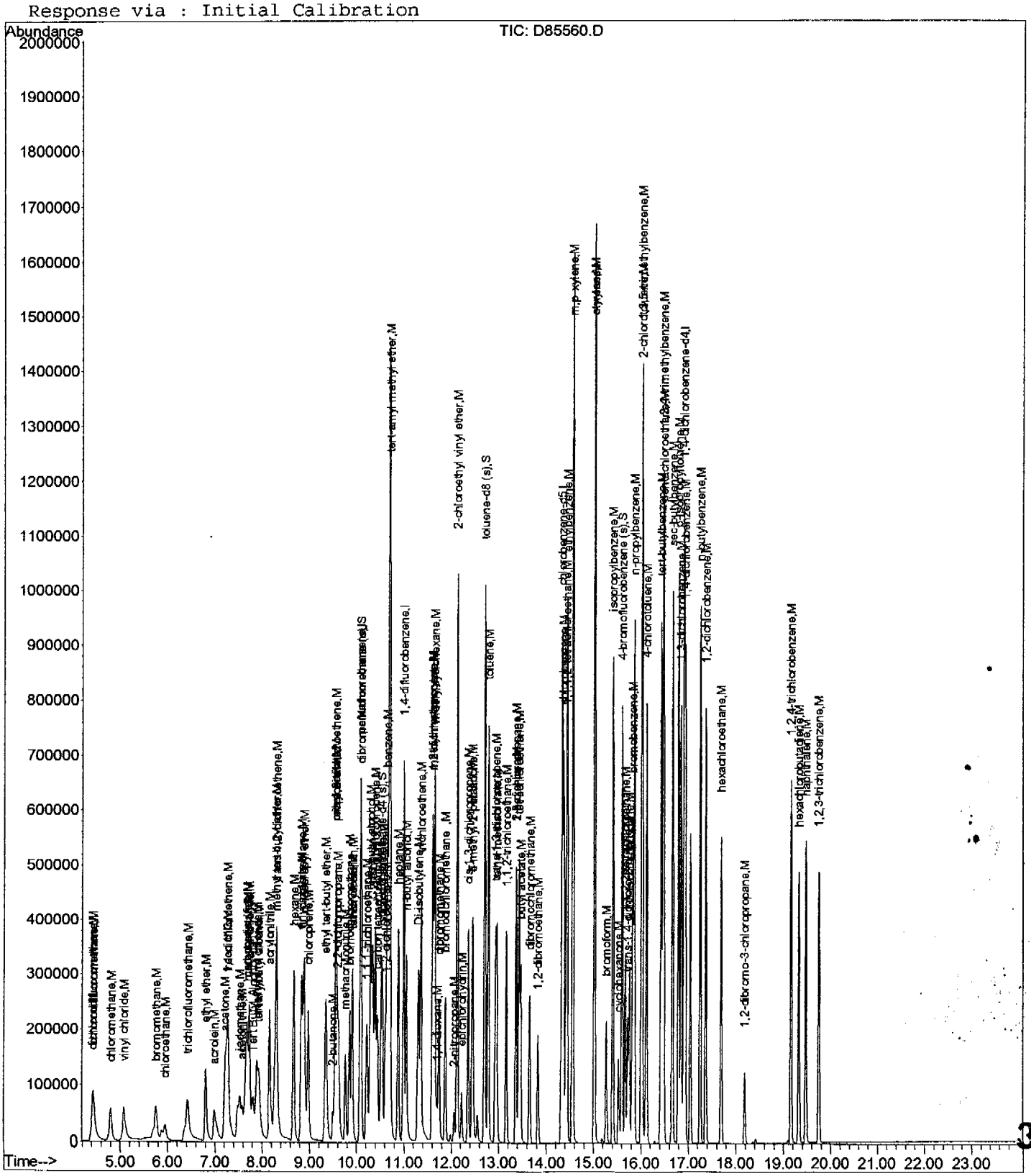
Quantitation Report

Data File : C:\HPCHEM\1\DATA\D85560.D
Acq On : 12 Aug 2004 6:12 pm
Sample : CC3408-50
Misc : MS2846,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:26 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00

Quant Results File: MD3408.RES

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Fri Aug 13 08:01:25 2004
Response via : Initial Calibration



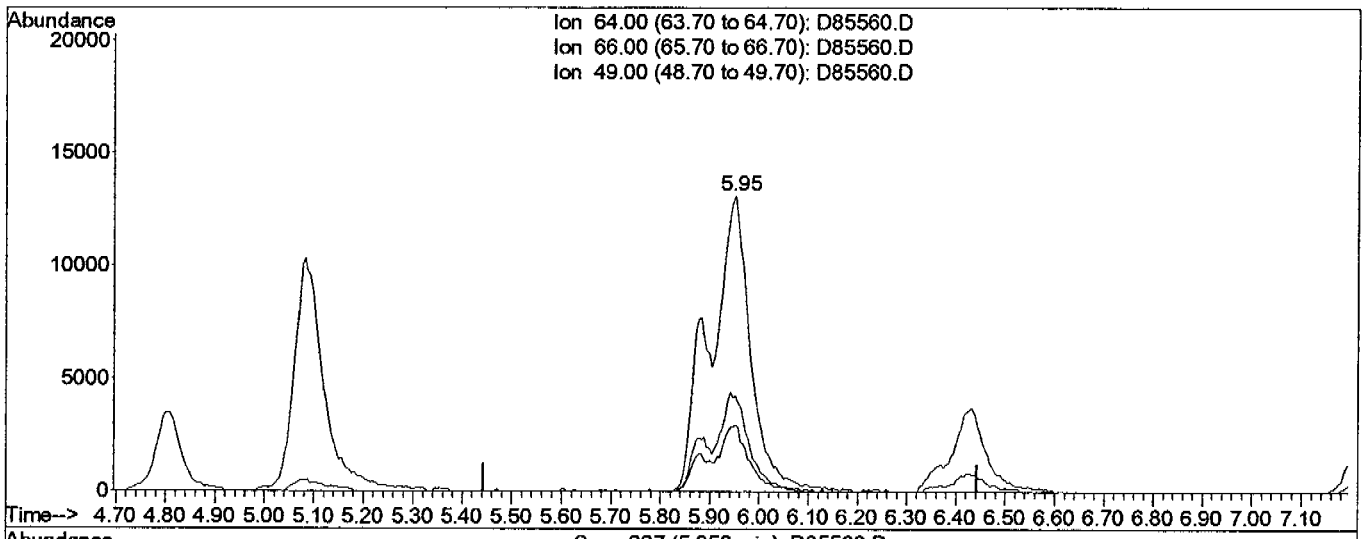
336

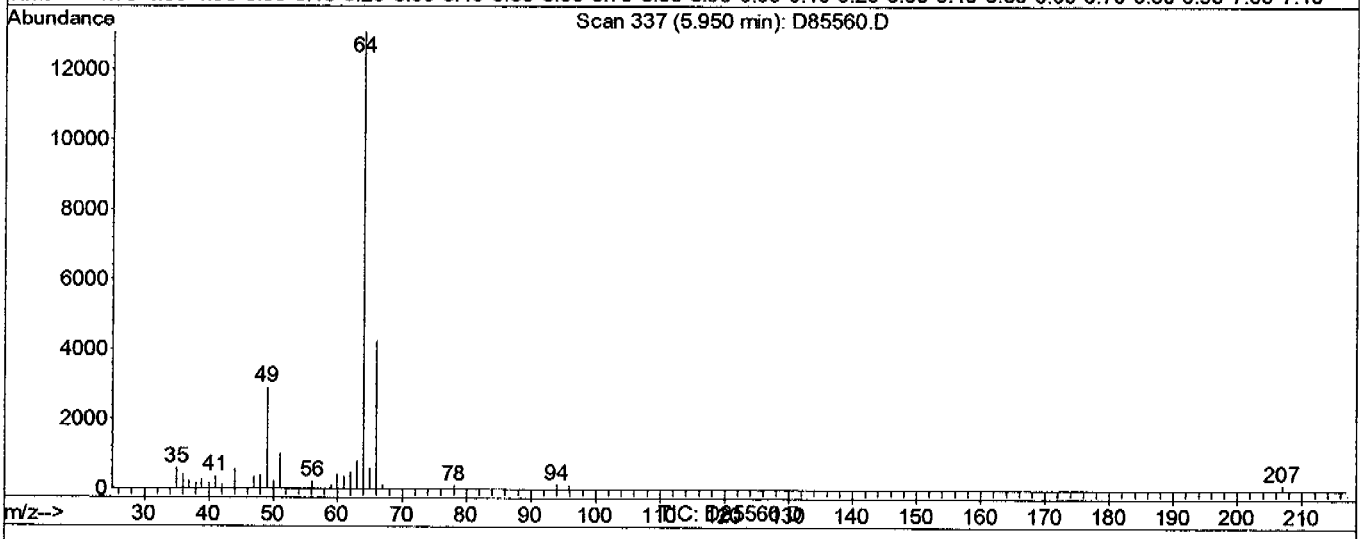
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\D85560.D
Acq On : 12 Aug 2004 6:12 pm
Sample : CC3408-50
Misc : MS2846,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:25 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Fri Aug 13 08:01:25 2004
Response via : Multiple Level Calibration





(9) chloroethane (M)

5.95min 50.78ug/L m

response 74993

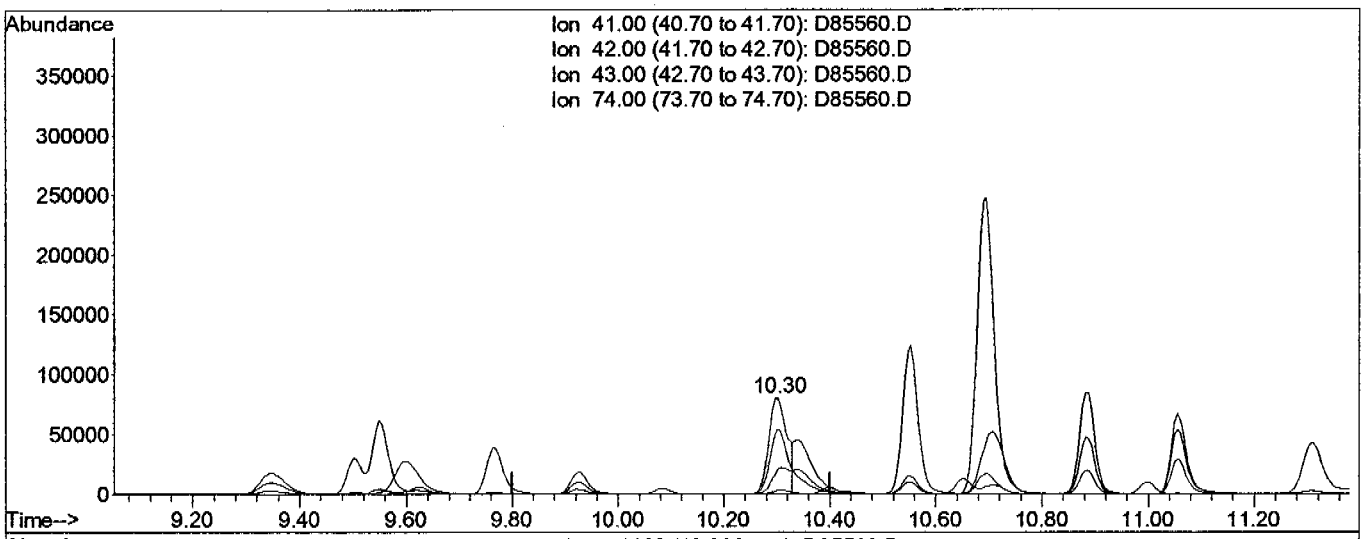
Ion	Exp%	Act%
64.00	100	100
66.00	30.80	32.40
49.00	21.10	22.26
0.00	0.00	0.00

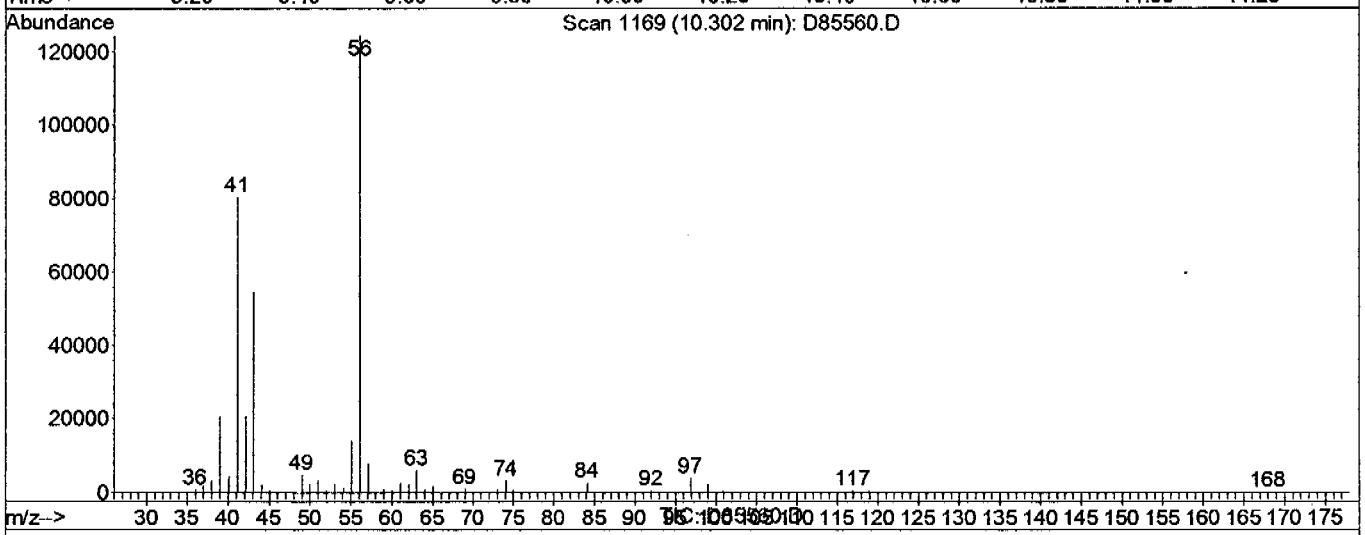
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\D85560.D
Acq On : 12 Aug 2004 6:12 pm
Sample : CC3408-50
Misc : MS2846,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:25 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Fri Aug 13 08:01:25 2004
Response via : Multiple Level Calibration





(18) iso-butyl alcohol (M)

10.30min 498.34ug/L m

response 193637

Ion	Exp%	Act%
41.00	100	100
42.00	23.60	25.80
43.00	64.90	67.87
74.00	2.90	4.14

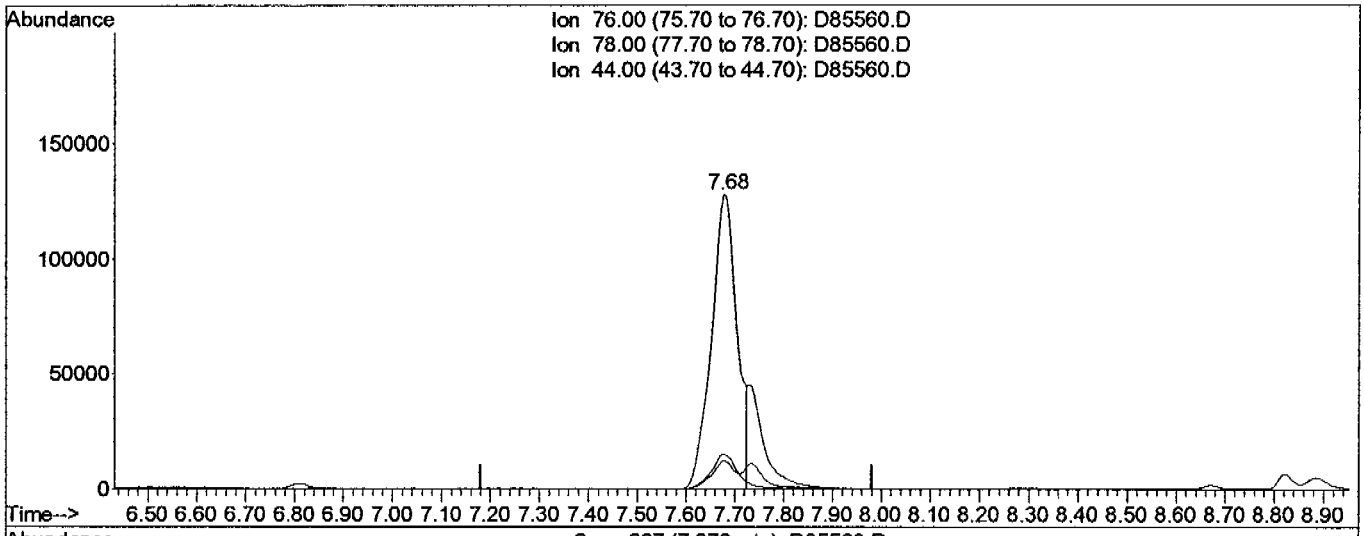
338

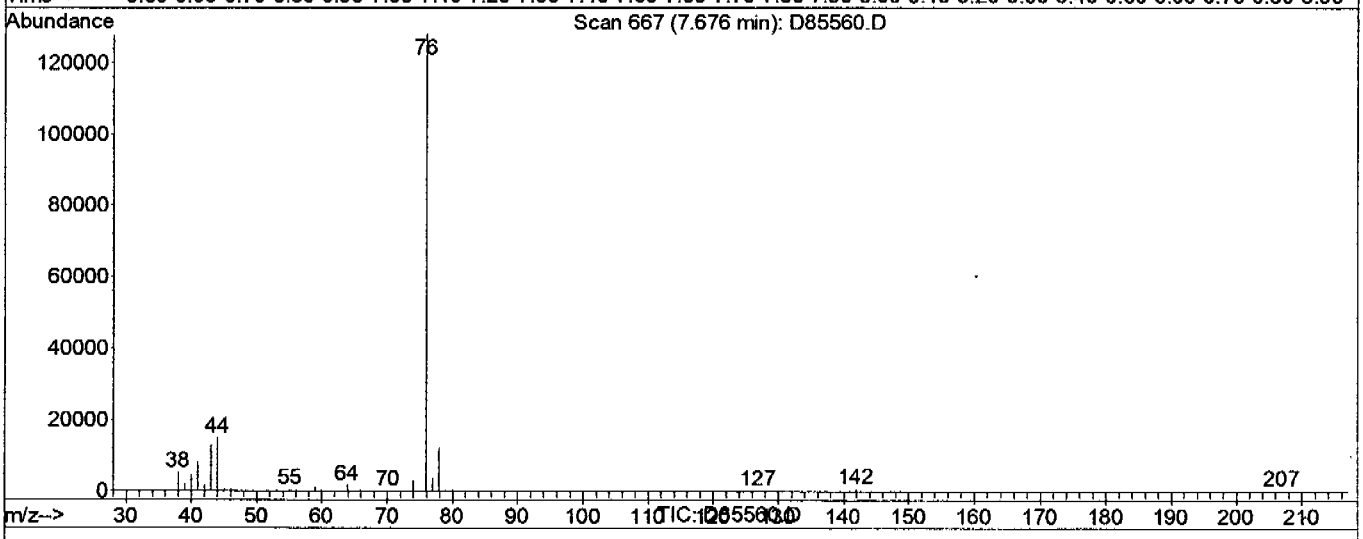
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\D85560.D
Acq On : 12 Aug 2004 6:12 pm
Sample : CC3408-50
Misc : MS2846,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:25 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Fri Aug 13 08:01:25 2004
Response via : Multiple Level Calibration





(19) carbon disulfide (M)

7.68min 54.29ug/L m

response 463707

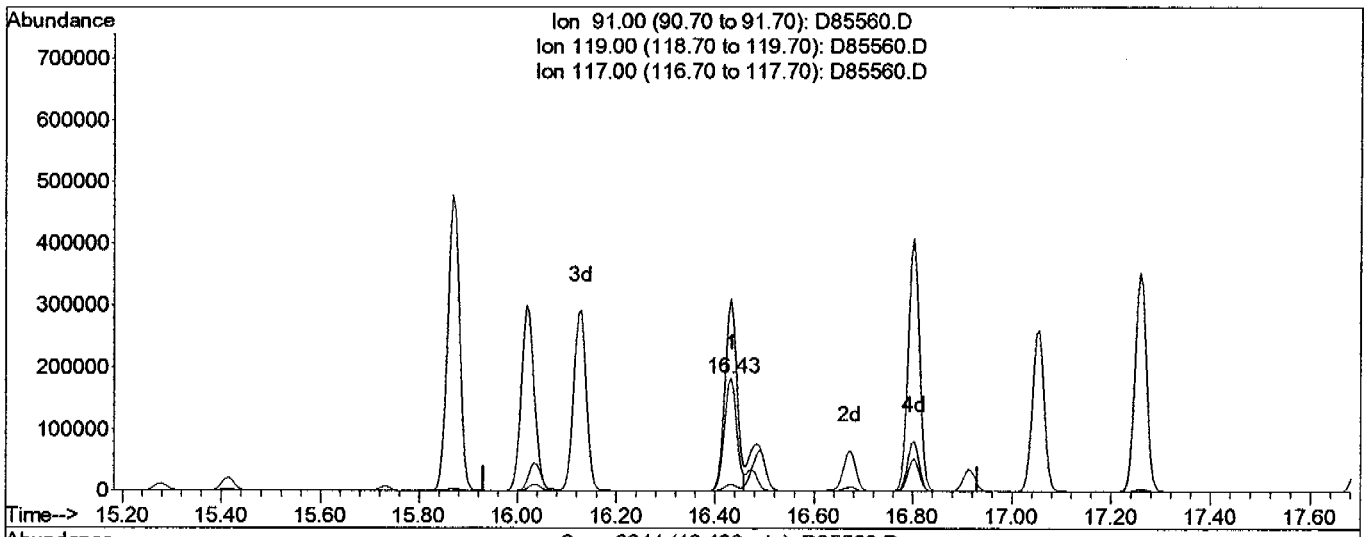
Ion	Exp%	Act%
76.00	100	100
78.00	9.40	9.51
44.00	12.80	11.69
0.00	0.00	0.00

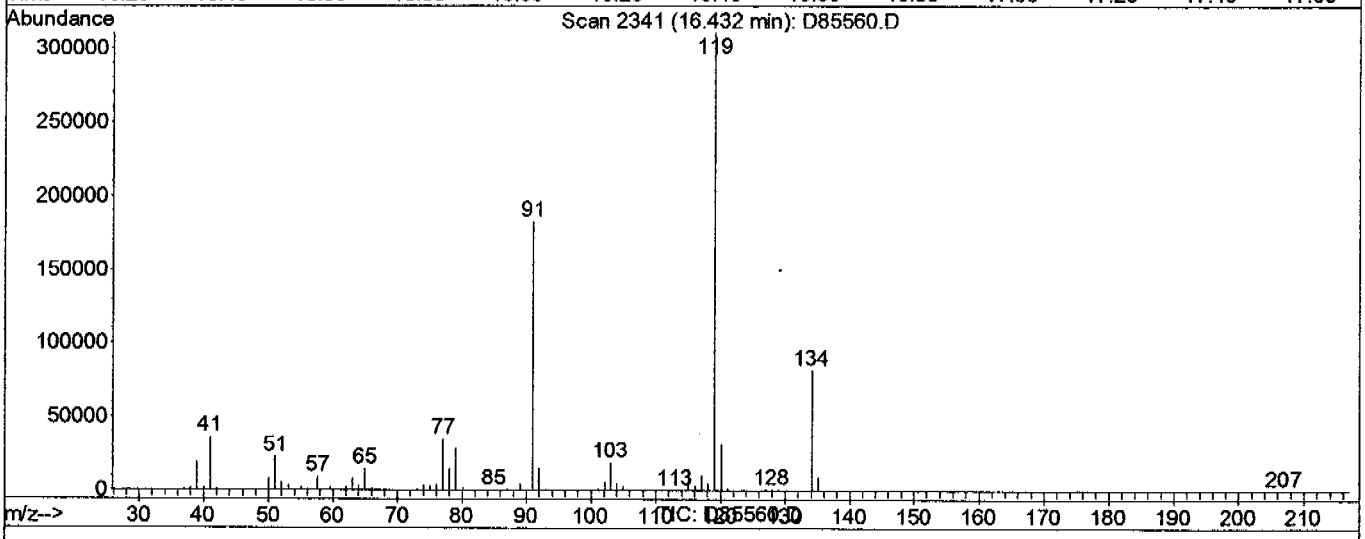
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\D85560.D
Acq On : 12 Aug 2004 6:12 pm
Sample : CC3408-50
Misc : MS2846,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:25 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Fri Aug 13 08:01:25 2004
Response via : Multiple Level Calibration





(98) tert-butylbenzene (M)

16.43min 52.01ug/L m

response 327102

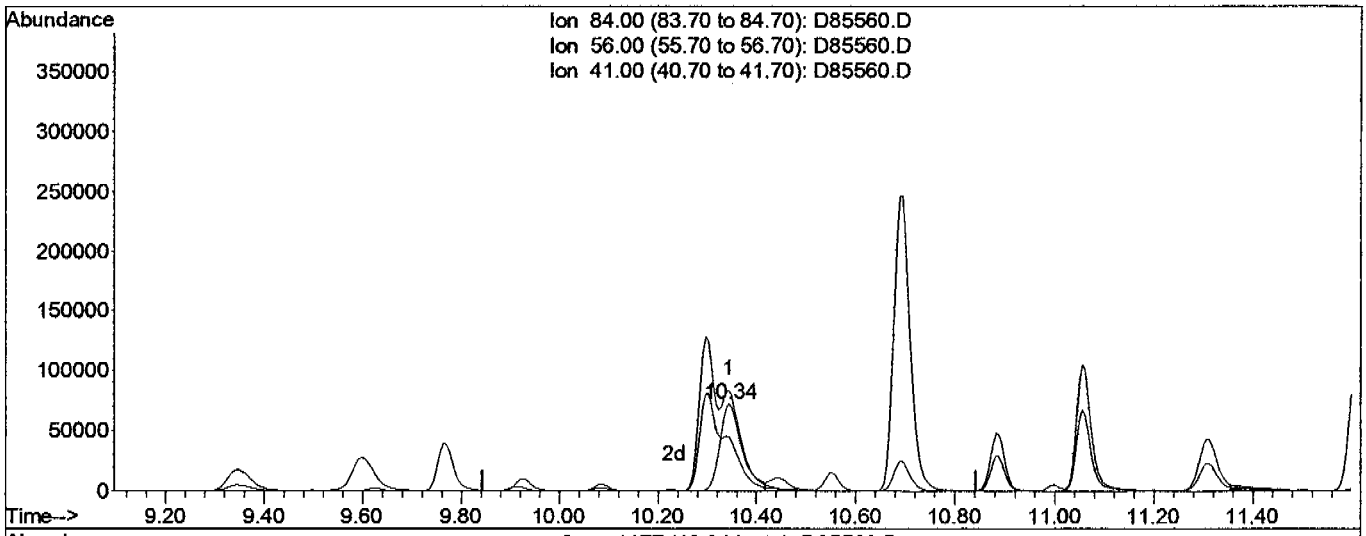
Ion	Exp%	Act%
91.00	100	100
119.00	164.80	169.52
117.00	5.60	5.45
0.00	0.00	0.00

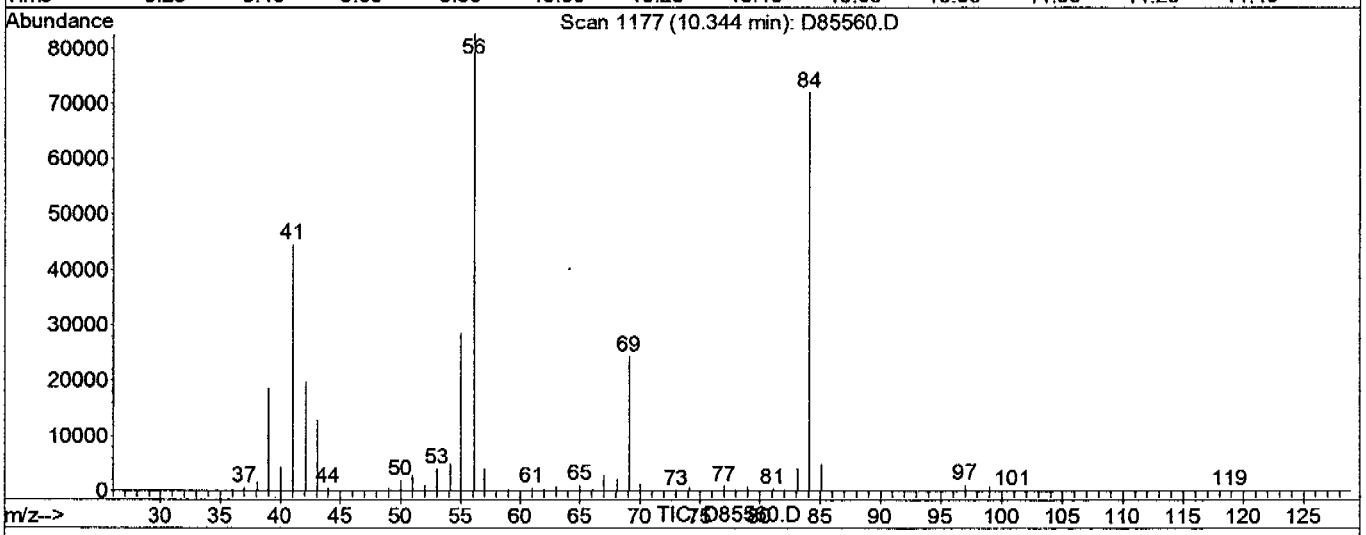
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\D85560.D
Acq On : 12 Aug 2004 6:12 pm
Sample : CC3408-50
Misc : MS2846,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:26 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Fri Aug 13 08:01:25 2004
Response via : Multiple Level Calibration





(113) Cyclohexane (M)

10.34min 56.18ug/L m

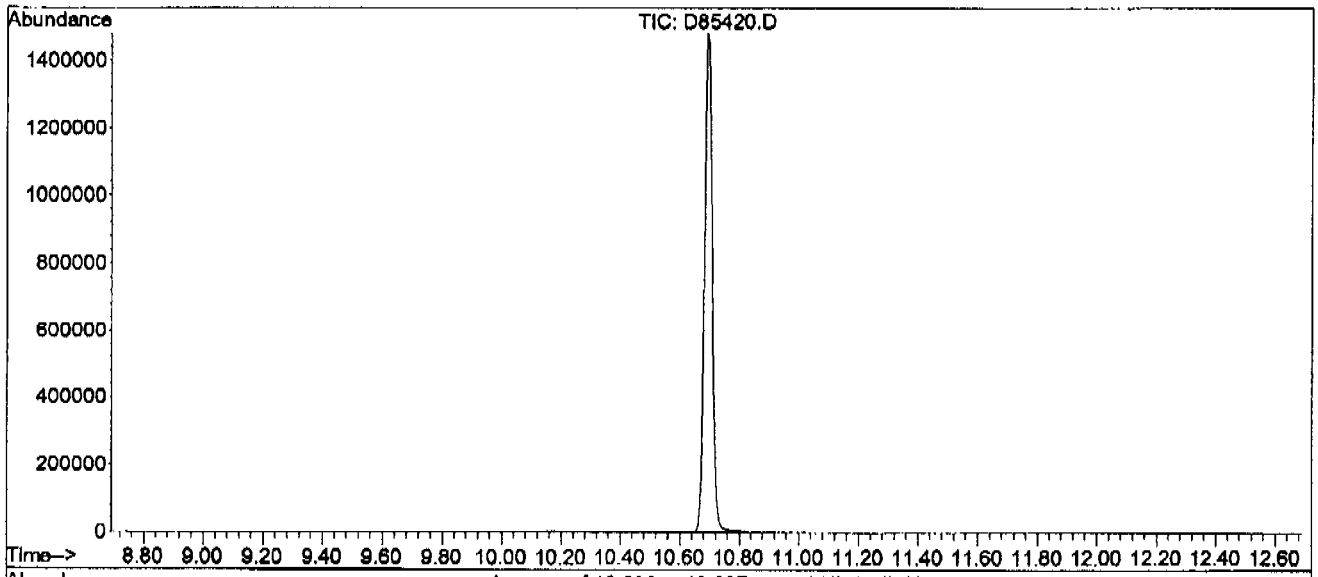
response 226165

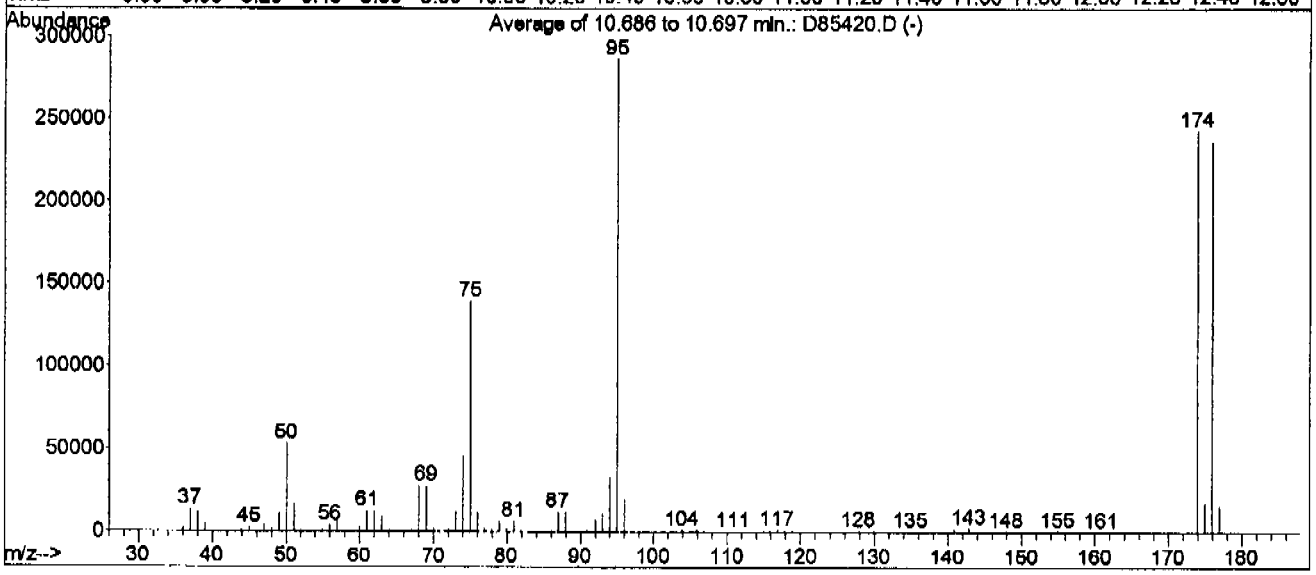
Ion	Exp%	Act%
84.00	100	100
56.00	0.00	0.00
41.00	0.00	0.00
0.00	0.00	0.00

SW-846 Method 8260

Data File : C:\HPCHEM\1\DATA\D85420.D
Acq On : 9 Aug 2004 6:27 pm
Sample : BFB
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT.P
Method : C:\HPCHEM\1\METHODS\MDBFB.M (RTE Integrator)
Title : SW-846 Method 8260

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00





AutoFind: Scans 114, 115, 116; Background Corrected with Scan 105

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.5	52989	PASS
75	95	30	60	48.6	139240	PASS
95	95	100	100	100.0	286293	PASS
96	95	5	9	7.0	20061	PASS
173	174	0.00	2	0.2	478	PASS
174	95	50	150	84.7	242581	PASS
175	174	5	9	7.3	17626	PASS
176	174	95	101	97.2	235883	PASS
177	176	5	9	6.8	15962	PASS

D85420.D MDBFB.M Tue Aug 10 09:58:00 2004 MSD

Average of 10.686 to 10.697 min.: D85420.D
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.00	2442	49.00	11238	63.00	9511	76.00	12152
37.00	13342	50.00	52989	64.00	890	76.95	1994
38.00	11894	51.00	16786	65.05	212	77.95	1247
39.00	4590	52.00	747	67.05	805	78.90	6235
39.95	167	55.00	660	68.00	27755	79.95	1736
43.05	128	56.00	3819	69.00	27971	80.90	6284
43.95	1318	57.00	7198	70.00	2130	81.95	1289
45.00	2358	57.95	320	72.00	1453	83.00	66
46.05	213	60.00	2507	73.00	12362	86.05	278
47.00	3821	61.00	12443	74.00	45389	86.90	12173
48.00	1664	62.00	12375	75.00	139240	87.95	11808

Average of 10.686 to 10.697 min.: D85420.D
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
90.90	920	106.90	245	125.90	52	144.90	199
92.00	7324	109.90	53	127.90	987	145.90	360
93.00	11201	110.85	196	128.85	463	147.05	110
94.00	32533	111.90	55	129.90	969	147.90	612
95.00	286293	112.95	193	130.90	358	148.90	217
96.00	20061	114.95	284	134.95	490	149.90	291
97.00	555	115.90	893	136.95	408	152.95	234
102.80	51	116.90	1482	139.95	245	153.95	190
103.90	1095	117.90	902	140.90	2293	154.90	722
104.95	366	118.90	1309	141.95	342	155.95	290
105.90	1084	123.95	137	142.90	2586	156.90	488

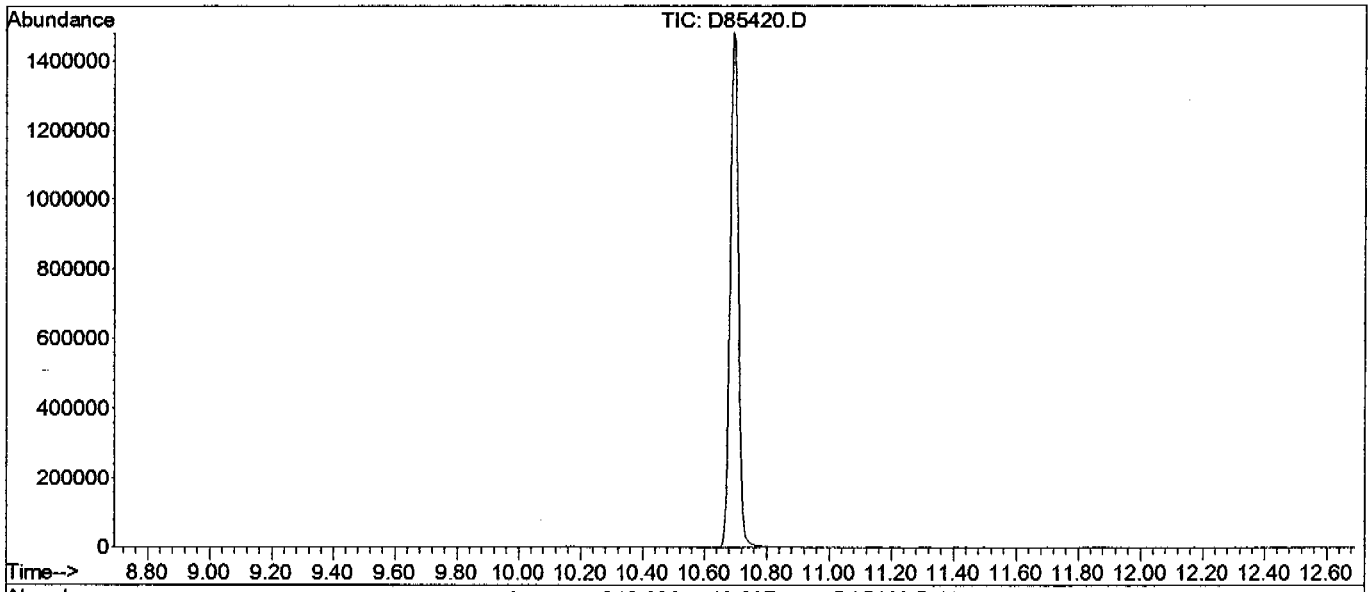
Average of 10.686 to 10.697 min.: D85420.D
BFB
Modified:subtracted

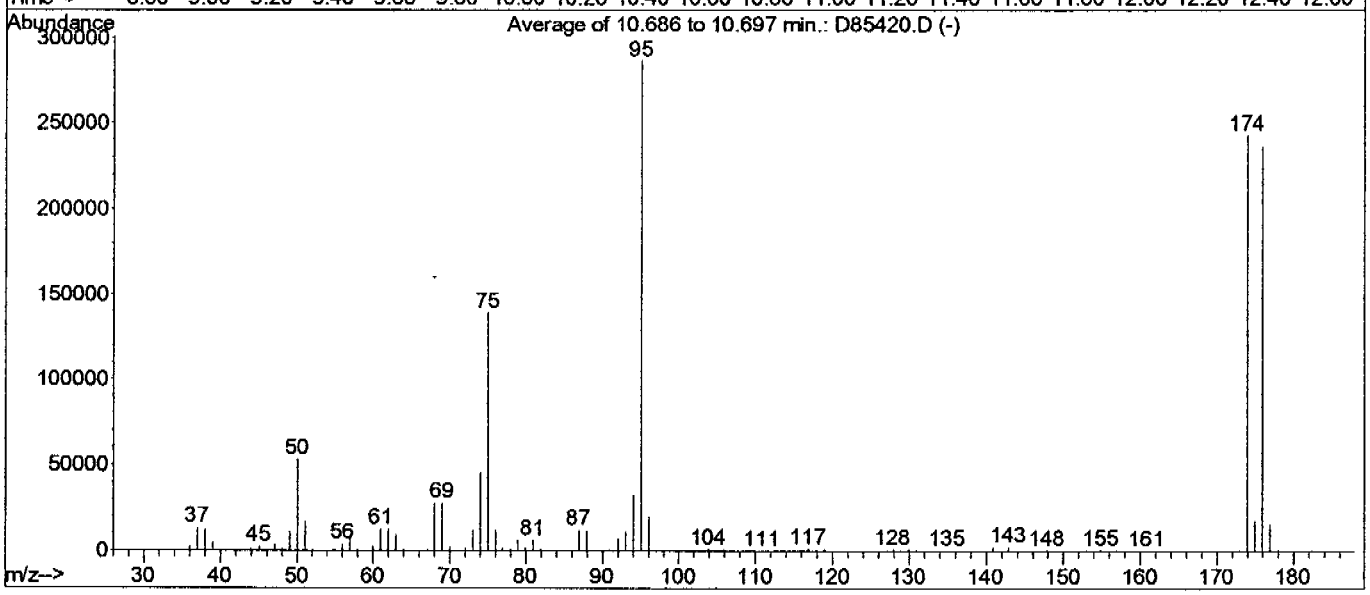
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
157.90	198						
158.90	355						
160.90	295						
171.90	261						
172.90	478						
173.90	242581						
174.90	17626						
175.90	235883						
176.90	15962						
177.95	395						

SW-846 Method 8260

Data File : C:\HPCHEM\1\DATA\D85420.D
Acq On : 9 Aug 2004 6:27 pm
Sample : BFB
Misc : MS2625,VD3408,5,,,,1
MS Integration Params: RTEINT.P
Method : C:\HPCHEM\1\METHODS\MDBFB.M (RTE Integrator)
Title : SW-846 Method 8260

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00





AutoFind: Scans 114, 115, 116; Background Corrected with Scan 105

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.5	52989	PASS
75	95	30	60	48.6	139240	PASS
95	95	100	100	100.0	286293	PASS
96	95	5	9	7.0	20061	PASS
173	174	0.00	2	0.2	478	PASS
174	95	50	150	84.7	242581	PASS
175	174	5	9	7.3	17626	PASS
176	174	95	101	97.2	235883	PASS
177	176	5	9	6.8	15962	PASS

D85420.D MDBFB.M Tue Aug 10 09:59:23 2004 MSD

Average of 10.686 to 10.697 min.: D85420.D
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.00	2442	49.00	11238	63.00	9511	76.00	12152
37.00	13342	50.00	52989	64.00	890	76.95	1994
38.00	11894	51.00	16786	65.05	212	77.95	1247
39.00	4590	52.00	747	67.05	805	78.90	6235
39.95	167	55.00	660	68.00	27755	79.95	1736
43.05	128	56.00	3819	69.00	27971	80.90	6284
43.95	1318	57.00	7198	70.00	2130	81.95	1289
45.00	2358	57.95	320	72.00	1453	83.00	66
46.05	213	60.00	2507	73.00	12362	86.05	278
47.00	3821	61.00	12443	74.00	45389	86.90	12173
48.00	1664	62.00	12375	75.00	139240	87.95	11808

Average of 10.686 to 10.697 min.: D85420.D
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
90.90	920	106.90	245	125.90	52	144.90	199
92.00	7324	109.90	53	127.90	987	145.90	360
93.00	11201	110.85	196	128.85	463	147.05	110
94.00	32533	111.90	55	129.90	969	147.90	612
95.00	286293	112.95	193	130.90	358	148.90	217
96.00	20061	114.95	284	134.95	490	149.90	291
97.00	555	115.90	893	136.95	408	152.95	234
102.80	51	116.90	1482	139.95	245	153.95	190
103.90	1095	117.90	902	140.90	2293	154.90	722
104.95	366	118.90	1309	141.95	342	155.95	290
105.90	1084	123.95	137	142.90	2586	156.90	488

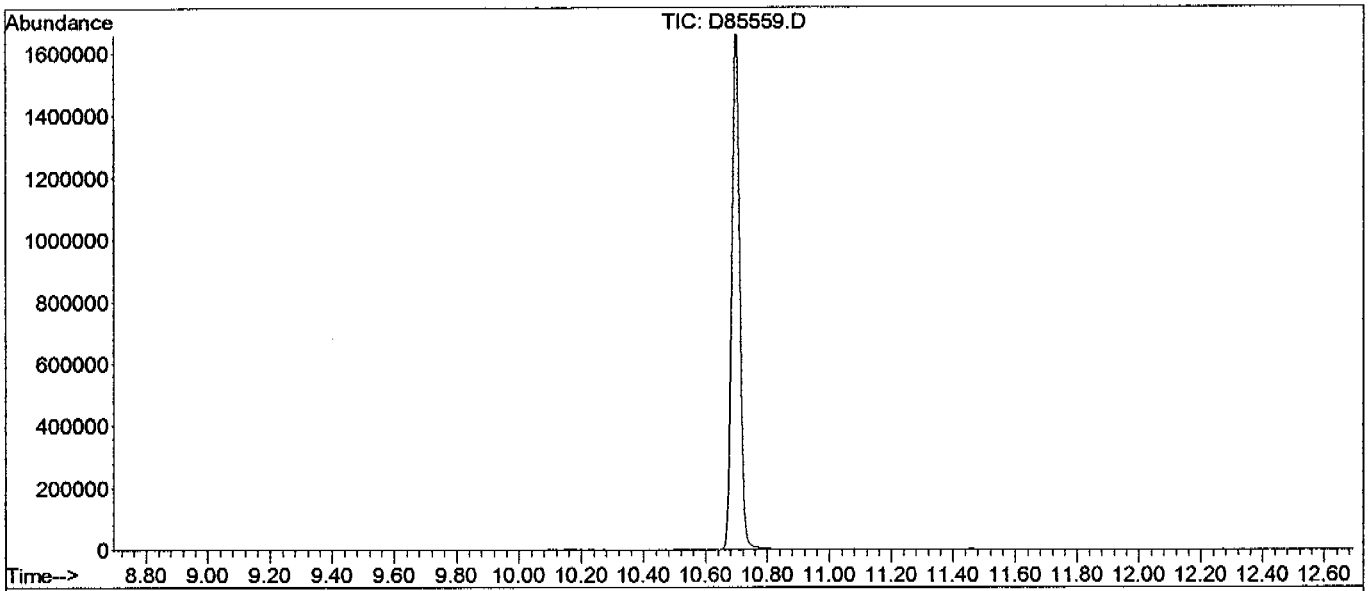
Average of 10.686 to 10.697 min.: D85420.D
BFB
Modified:subtracted

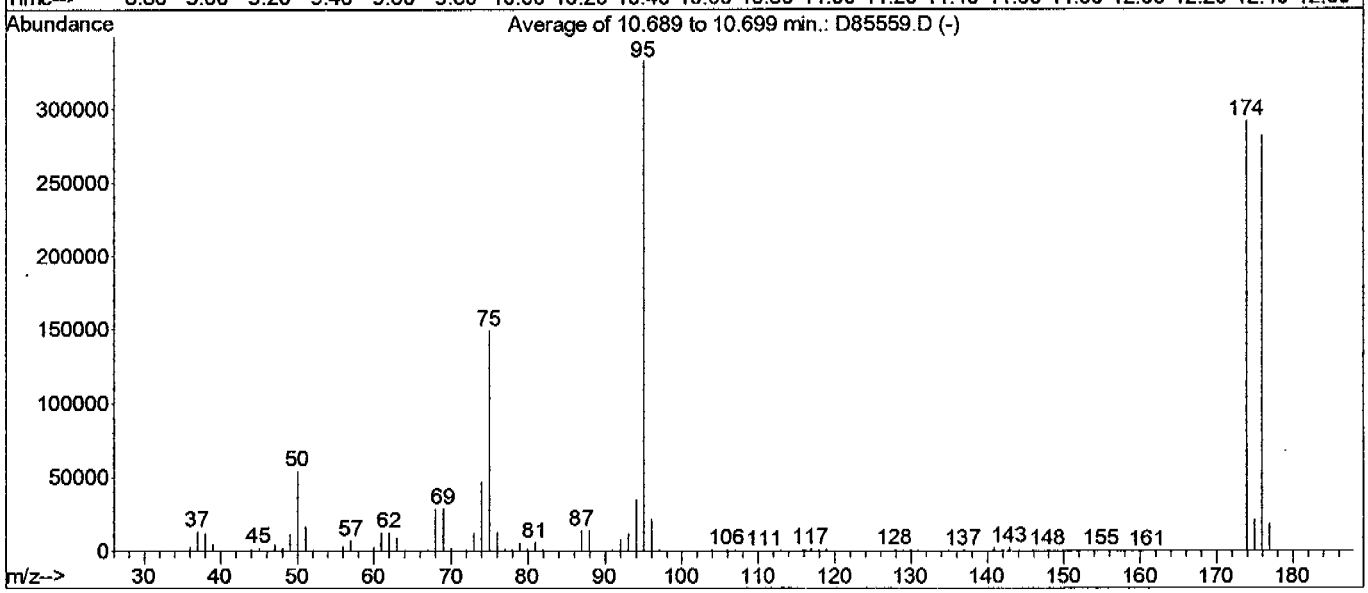
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
157.90	198						
158.90	355						
160.90	295						
171.90	261						
172.90	478						
173.90	242581						
174.90	17626						
175.90	235883						
176.90	15962						
177.95	395						

SW-846 Method 8260

Data File : C:\HPCHEM\1\DATA\D85559.D
Acq On : 12 Aug 2004 5:40 pm
Sample : BFB
Misc : MS2846,VD3413,5,,,,1
MS Integration Params: RTEINT.P
Method : C:\HPCHEM\1\METHODS\MDBFB.M (RTE Integrator)
Title : SW-846 Method 8260

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00





AutoFind: Scans 115, 116, 117; Background Corrected with Scan 105

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	16.3	54333	PASS
75	95	30	60	44.9	149291	PASS
95	95	100	100	100.0	332651	PASS
96	95	5	9	6.7	22168	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	150	87.7	291691	PASS
175	174	5	9	7.3	21384	PASS
176	174	95	101	96.6	281813	PASS
177	176	5	9	6.7	18889	PASS

D85559.D MDBFB.M Thu Aug 12 18:26:16 2004 MSD

Average of 10.689 to 10.699 min.: D85559.D
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.00	2555	49.00	11328	63.00	9300	77.00	1855
37.00	13169	50.00	54333	64.00	928	77.90	1392
38.00	12180	51.00	16715	67.00	786	78.90	5875
39.00	4400	52.05	759	68.00	28701	79.95	1721
39.90	180	55.00	613	69.00	29120	80.90	5976
44.00	1310	56.00	3705	70.00	2210	81.90	1132
45.00	2193	57.00	7145	72.00	1492	83.00	106
45.90	56	58.00	360	73.00	12297	85.80	82
46.10	64	60.00	2471	74.00	47197	86.05	224
47.00	4199	61.00	12691	75.00	149291	86.95	14230
48.00	1713	62.00	12785	76.00	13064	87.95	13858

Average of 10.689 to 10.699 min.: D85559.D
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
90.95	826	110.00	112	128.90	542	146.85	220
92.00	7716	110.85	132	129.90	990	147.90	697
93.00	12013	111.90	74	130.90	455	148.90	220
94.00	35347	112.95	187	134.90	446	149.90	263
95.00	332651	114.95	234	136.90	506	151.90	65
96.00	22168	115.90	950	139.95	217	152.90	216
97.00	684	116.90	1625	140.90	2311	153.95	204
103.90	1044	117.90	956	141.95	330	154.95	669
104.90	349	118.90	1318	142.90	2420	156.00	52
105.90	1057	123.90	124	145.00	68	156.95	526
106.95	248	127.90	1075	145.90	430	158.90	401

Average of 10.689 to 10.699 min.: D85559.D
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
160.95	349						
171.95	135						
172.20	51						
173.95	291691						
174.95	21384						
175.95	281813						
176.90	18889						
177.95	618						

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\D85562.D
Acq On : 12 Aug 2004 7:18 pm
Sample : MB1
Misc : MS2825,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:27 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00

Quant Results File: MD3408.RES

Quant Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Initial Calibration
DataAcq Meth : MD3408

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.81	65	172374	500.00 ug/L	0.00
3) pentafluorobenzene	10.09	168	434077	50.00 ug/L	0.00
44) 1,4-difluorobenzene	11.00	114	629678	50.00 ug/L	0.00
73) chlorobenzene-d5	14.34	117	579048	50.00 ug/L	0.00
86) 1,4-dichlorobenzene-d4	16.91	152	339435	50.00 ug/L	0.00

System Monitoring Compounds

38) dibromofluoromethane (s)	10.10	113	181626	48.70 ug/L	0.00
Spiked Amount 50.000	Range 71 - 117		Recovery = 97.40%		
39) 1,2-dichloroethane-d4 (s)	10.53	65	199618	45.74 ug/L	0.00
Spiked Amount 50.000	Range 68 - 129		Recovery = 91.48%		
65) toluene-d8 (s)	12.71	98	722112	48.51 ug/L	0.00
Spiked Amount 50.000	Range 78 - 115		Recovery = 97.02%		
88) 4-bromofluorobenzene (s)	15.61	95	281338	50.36 ug/L	0.00
Spiked Amount 50.000	Range 73 - 127		Recovery = 100.72%		

Target Compounds Qvalue

K
8/13/04

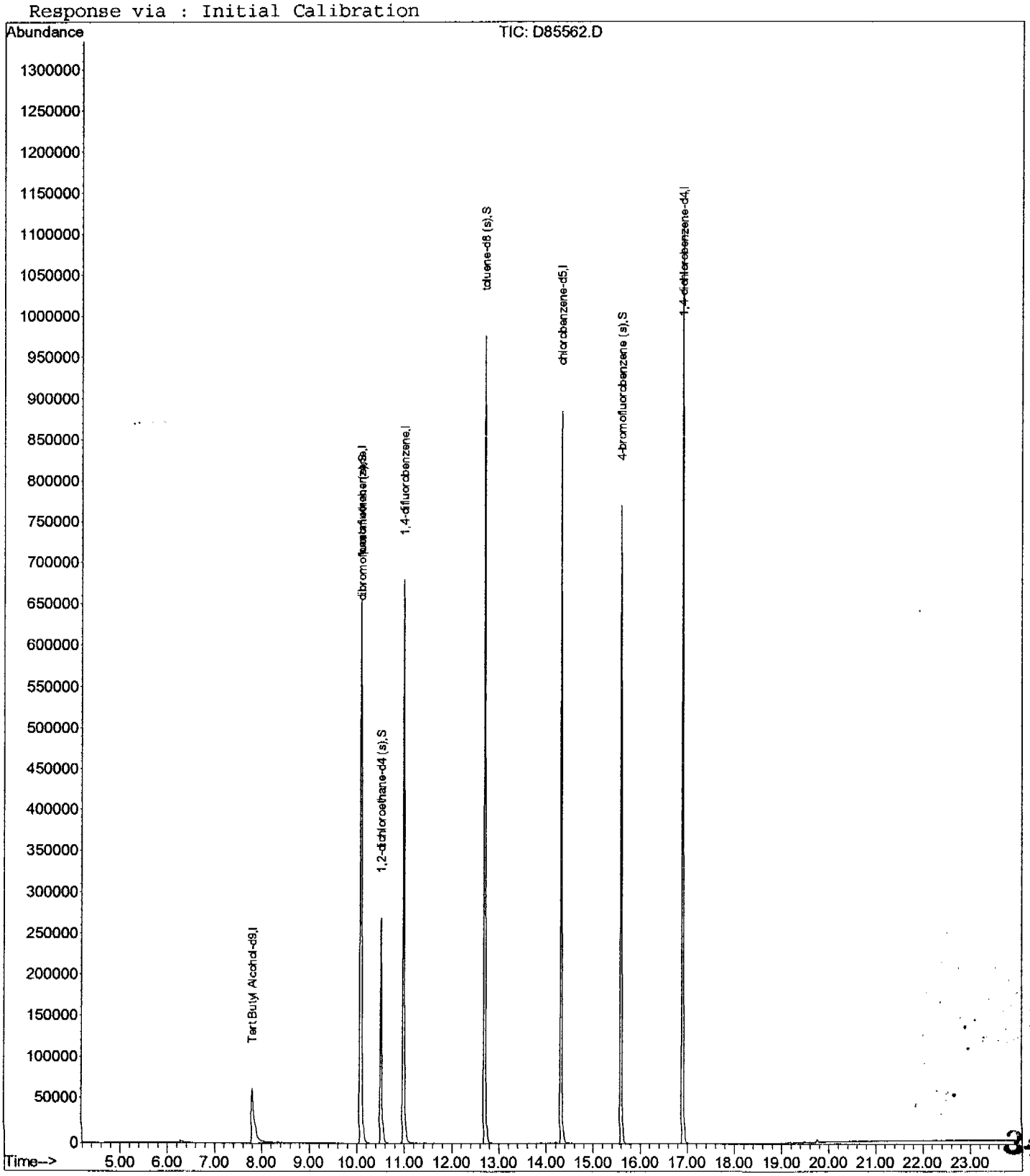
(#) = qualifier out of range (m) = manual integration
D85562.D MD3408.M Fri Aug 13 09:29:01 2004 MSD

Quantitation Report

Data File : C:\HPCHEM\1\DATA\D85562.D
Acq On : 12 Aug 2004 7:18 pm
Sample : MB1
Misc : MS2825,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:27 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Fri Aug 13 08:01:25 2004
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\D85565.D
Acq On : 12 Aug 2004 8:49 pm
Sample : N74646-1MS
Misc : MS2825,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:33 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Quant Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Initial Calibration
DataAcq Meth : MD3408

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.82	65	178000	500.00 ug/L	0.00
3) pentafluorobenzene	10.09	168	448278	50.00 ug/L	0.00
44) 1,4-difluorobenzene	11.00	114	650163	50.00 ug/L	0.00
73) chlorobenzene-d5	14.33	117	603693	50.00 ug/L	0.00
86) 1,4-dichlorobenzene-d4	16.91	152	359983	50.00 ug/L	0.00
System Monitoring Compounds					
38) dibromofluoromethane (s)	10.10	113	189155	49.11 ug/L	0.00
Spiked Amount 50.000	Range 71 - 117		Recovery = 98.22%		
39) 1,2-dichloroethane-d4 (s)	10.53	65	207965	46.14 ug/L	0.00
Spiked Amount 50.000	Range 68 - 129		Recovery = 92.28%		
65) toluene-d8 (s)	12.71	98	759339	49.40 ug/L	0.00
Spiked Amount 50.000	Range 78 - 115		Recovery = 98.80%		
88) 4-bromofluorobenzene (s)	15.61	95	294726	49.75 ug/L	0.00
Spiked Amount 50.000	Range 73 - 127		Recovery = 99.50%		

Target Compounds					Qvalue
2) tertiary butyl alcohol	7.93	59	64432	263.61 ug/L	98
4) chlorodifluoromethane	4.43	51	185403	51.94 ug/L	95
5) dichlorodifluoromethane	4.41	85	116341	44.88 ug/L	98
6) chloromethane	4.80	50	134696	42.93 ug/L	98
7) vinyl chloride	5.08	62	138105	45.20 ug/L	100
8) bromomethane	5.76	94	71016	41.67 ug/L	98
9) chloroethane	5.94	64	76494m	51.13 ug/L	
10) trichlorofluoromethane	6.43	101	166288	45.91 ug/L	99
11) ethyl ether	6.81	74	90571	52.59 ug/L	95
12) acrolein	6.99	56	292805	1226.06 ug/L	99
13) 1,1-dichloroethene	7.27	96	140459	53.10 ug/L	94
14) acetone	7.21	43	42881	44.10 ug/L	96
15) allyl chloride	7.73	41	271915	48.71 ug/L	90
16) acetonitrile	7.59	40	68732	417.62 ug/L	99
17) iodomethane	7.53	142	254132	53.99 ug/L	99
18) iso-butyl alcohol	10.30	41	196627m	499.32 ug/L	
19) carbon disulfide	7.68	76	425524m	49.16 ug/L	
20) methylene chloride	7.90	84	159145	49.71 ug/L	98
21) methyl acetate	7.70	43	109119	46.69 ug/L	98
22) methyl tert butyl ether	8.29	73	358509	46.10 ug/L	99
23) trans-1,2-dichloroethene	8.31	96	150560	52.30 ug/L	95
24) di-isopropyl ether	8.88	45	436883	51.31 ug/L	99
25) ethyl tert-butyl ether	9.35	59	386613	47.96 ug/L	98
26) 2-butanone	9.51	72	19141	51.02 ug/L	98
27) 1,1-dichloroethane	8.84	63	251293	49.07 ug/L	99
28) chloroprene	8.98	53	173479	54.03 ug/L	98
29) acrylonitrile	8.16	53	300286	251.85 ug/L	99
30) vinyl acetate	8.83	86	33061	56.75 ug/L	95
31) ethyl acetate	9.55	45	16620	46.81 ug/L	40
32) 2,2-dichloropropane	9.60	77	169737	46.50 ug/L	100
33) cis-1,2-dichloroethene	9.56	96	161717	51.43 ug/L	96
34) propionitrile	9.55	54	226931	502.59 ug/L	99
35) bromochloromethane	9.86	128	82393	51.55 ug/L	95

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\D85565.D
Acq On : 12 Aug 2004 8:49 pm
Sample : N74646-1MS
Misc : MS2825,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:33 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Quant Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Initial Calibration
DataAcq Meth : MD3408

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
36) tetrahydrofuran	9.93	42	45079	49.00 ug/L	96
37) chloroform	9.92	83	239688	48.18 ug/L	97
40) freon 113	7.26	151	112422	53.49 ug/L	99
41) methacrylonitrile	9.77	41	90042	50.41 ug/L	99
42) 1,1,1-trichloroethane	10.22	97	209752	47.96 ug/L	99
43) tert-amyl methyl ether	10.71	73	391119	47.53 ug/L	87
45) Di-isobutylene	11.31	57	338897	49.48 ug/L	69
46) epichlorohydrin	12.23	57	60844	160.95 ug/L	98
47) n-butyl alcohol	11.06	56	227144	2782.66 ug/L	96
48) carbon tetrachloride	10.44	117	182838	48.56 ug/L	98
49) 1,1-dichloropropene	10.40	75	192821	51.49 ug/L	98
50) hexane	8.67	57	199104	59.43 ug/L	99
51) benzene	10.65	78	586226	50.88 ug/L	99
52) heptane	10.89	57	99387	57.50 ug/L	98
53) isopropyl acetate	10.55	43	256449	50.82 ug/L	99
54) 1,2-dichloroethane	10.62	62	178798	46.15 ug/L	100
55) trichloroethene	11.36	95	146677	49.80 ug/L	98
56) 2-nitropropane	12.06	43	36446	43.08 ug/L	98
57) 2-chloroethyl vinyl ether	12.23	63	2556	1.40 ug/L #	62
58) methyl methacrylate	11.61	69	167151	56.18 ug/L	93
59) 1,2-dichloropropane	11.60	63	149018	50.03 ug/L	98
60) methylcyclohexane	11.65	83	255241	55.88 ug/L	98
61) dibromomethane	11.75	93	91747	49.18 ug/L	99
62) 1,4-dioxane	11.70	88	36107	1238.46 ug/L	97
63) bromodichloromethane	11.88	83	184979	49.79 ug/L	98
64) cis-1,3-dichloropropene	12.37	75	246500	51.15 ug/L	97
66) 4-methyl-2-pentanone	12.46	43	217528	51.61 ug/L	100
67) toluene	12.79	92	370501	50.15 ug/L	99
68) 3-methyl-1-butanol	12.45	70	92914	1014.53 ug/L	97
69) trans-1,3-dichloropropene	12.94	75	222495	50.20 ug/L	97
70) ethyl methacrylate	12.97	69	203594	52.57 ug/L	96
71) 1,1,2-trichloroethane	13.17	83	113705	49.73 ug/L	98
72) 2-hexanone	13.37	43	96582	52.31 ug/L	98
74) tetrachloroethene	13.44	166	178908	49.86 ug/L	98
75) 1,3-dichloropropane	13.37	76	236751	50.70 ug/L	99
76) butyl acetate	13.47	56	100459	54.64 ug/L	93
77) dibromochloromethane	13.66	129	152288	52.99 ug/L	98
78) 1,2-dibromoethane	13.83	107	141601	51.94 ug/L	99
79) chlorobenzene	14.37	112	431929	49.97 ug/L	100
80) 1,1,1,2-tetrachloroethane	14.42	131	152854	50.39 ug/L	99
81) ethylbenzene	14.44	91	692193	51.40 ug/L	99
82) m,p-xylene	14.56	106	561412	105.28 ug/L	97
83) o-xylene	15.03	106	283820	52.89 ug/L	96
84) styrene	15.03	104	463439	55.28 ug/L	99
85) bromoform	15.28	173	109482	46.07 ug/L	100
87) isopropylbenzene	15.41	105	652478	53.38 ug/L	99
89) bromobenzene	15.83	156	196177	51.05 ug/L	96
90) cyclohexanone	15.54	55	50850	22.06 ug/L	98
91) 1,1,2,2-tetrachloroethane	15.68	83	187841	51.08 ug/L	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\D85565.D
Acq On : 12 Aug 2004 8:49 pm
Sample : N74646-1MS
Misc : MS2825,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:33 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Quant Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Initial Calibration
DataAcq Meth : MD3408

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
92)	trans-1,4-dichloro-2-buten	15.73	53	40264	40.85 ug/L	94
93)	1,2,3-trichloropropane	15.77	77	45858	47.46 ug/L	96
94)	n-propylbenzene	15.87	91	822973	52.51 ug/L	100
95)	2-chlorotoluene	16.02	91	566255	51.62 ug/L	100
96)	4-chlorotoluene	16.13	91	515074	51.12 ug/L	99
97)	1,3,5-trimethylbenzene	16.03	105	590479	52.86 ug/L	99
98)	tert-butylbenzene	16.43	91	330521m	51.37 ug/L	
99)	pentachloroethane	16.49	167	125833	56.25 ug/L	99
100)	1,2,4-trimethylbenzene	16.47	105	619525	53.09 ug/L	99
101)	sec-butylbenzene	16.67	105	776071	52.90 ug/L	99
102)	1,3-dichlorobenzene	16.86	146	383677	50.44 ug/L	100
103)	p-isopropyltoluene	16.80	119	672621	53.38 ug/L	100
104)	1,4-dichlorobenzene	16.94	146	397661	49.90 ug/L	99
105)	1,2-dichlorobenzene	17.37	146	373258	50.25 ug/L	99
106)	n-butylbenzene	17.26	91	584978	52.26 ug/L	99
107)	1,2-dibromo-3-chloropropan	18.19	75	32370	51.20 ug/L	94
108)	1,2,4-trichlorobenzene	19.17	180	251197	52.22 ug/L	99
109)	hexachlorobutadiene	19.33	225	127874	50.24 ug/L	97
110)	naphthalene	19.48	128	501018	53.14 ug/L	100
111)	1,2,3-trichlorobenzene	19.76	180	195697	51.14 ug/L	99
112)	hexachloroethane	17.70	119	112920	46.66 ug/L	100
113)	Cyclohexane	10.34	84	221039m	53.67 ug/L	

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8/12/04

352

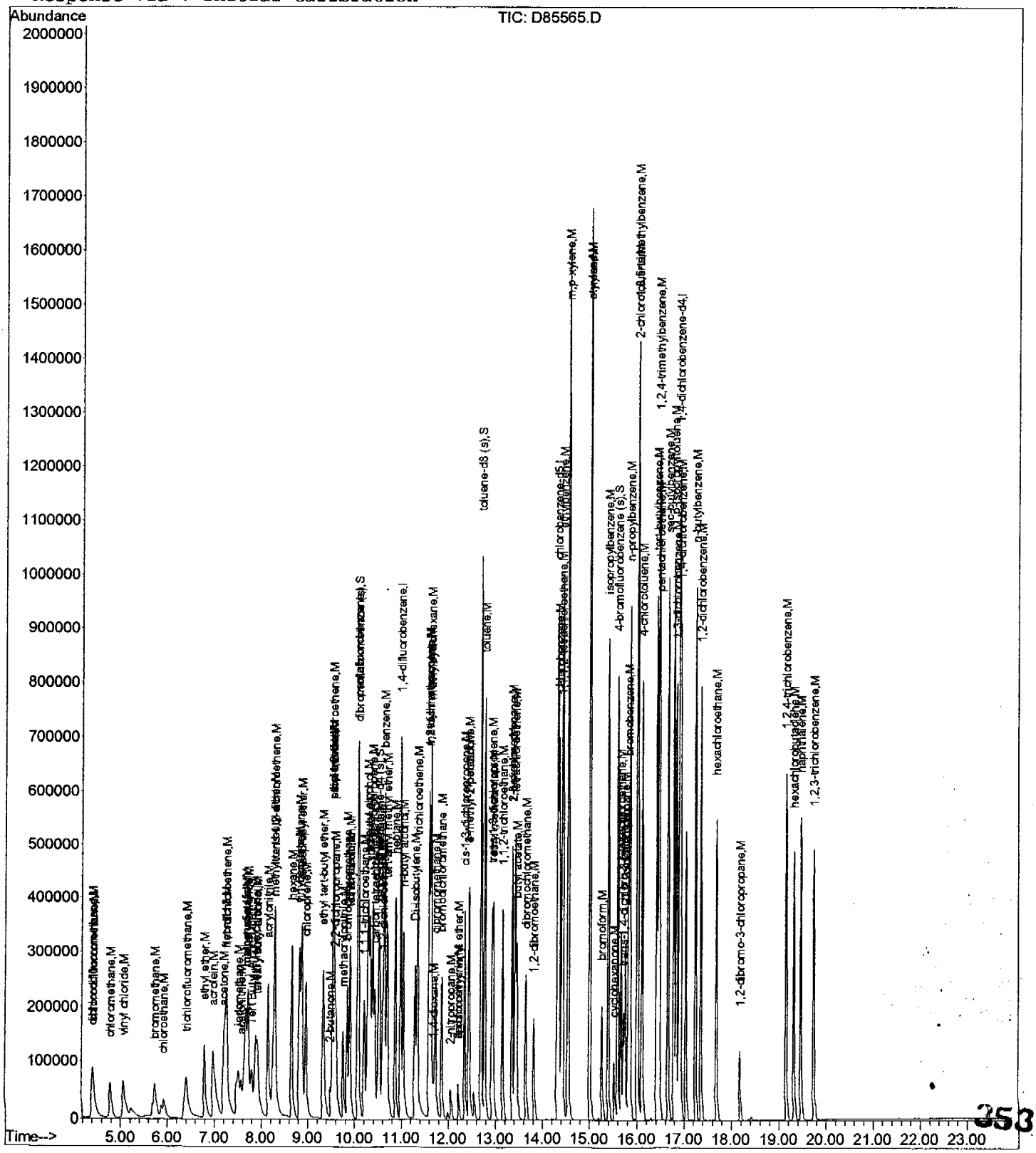
(#) = qualifier out of range (m) = manual integration
D85565.D MD3408.M Fri Aug 13 09:23:56 2004 MSD

Quantitation Report

Data File : C:\HPCHEM\1\DATA\D85565.D
Acq On : 12 Aug 2004 8:49 pm
Sample : N74646-1MS
Misc : MS2825,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:33 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

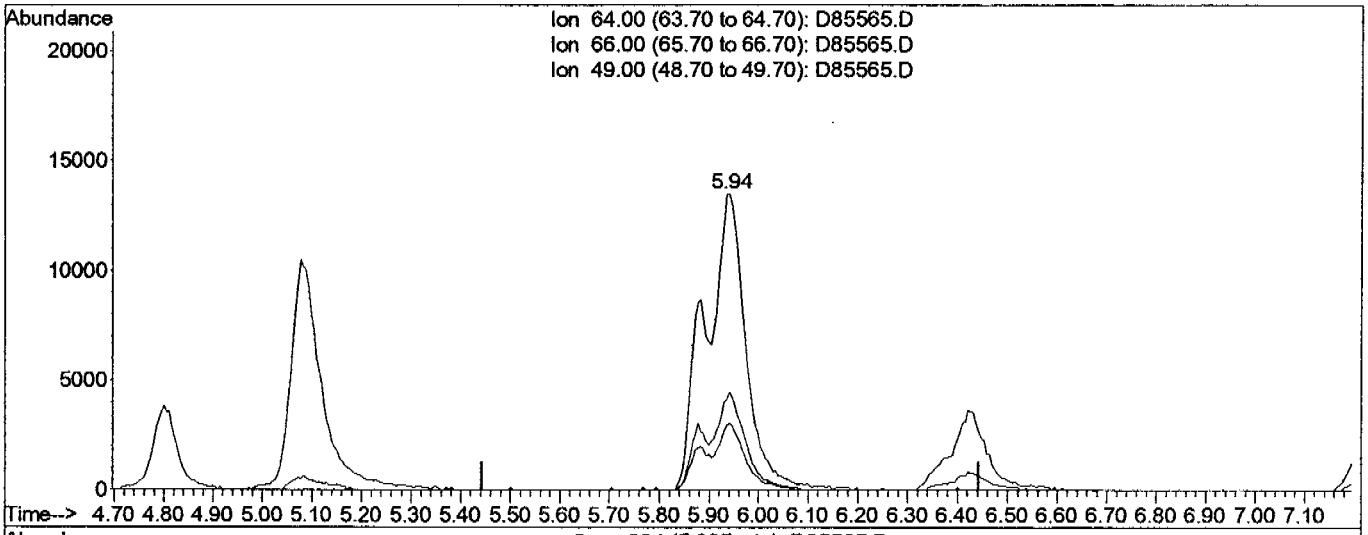
Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Fri Aug 13 08:01:25 2004
Response via : Initial Calibration

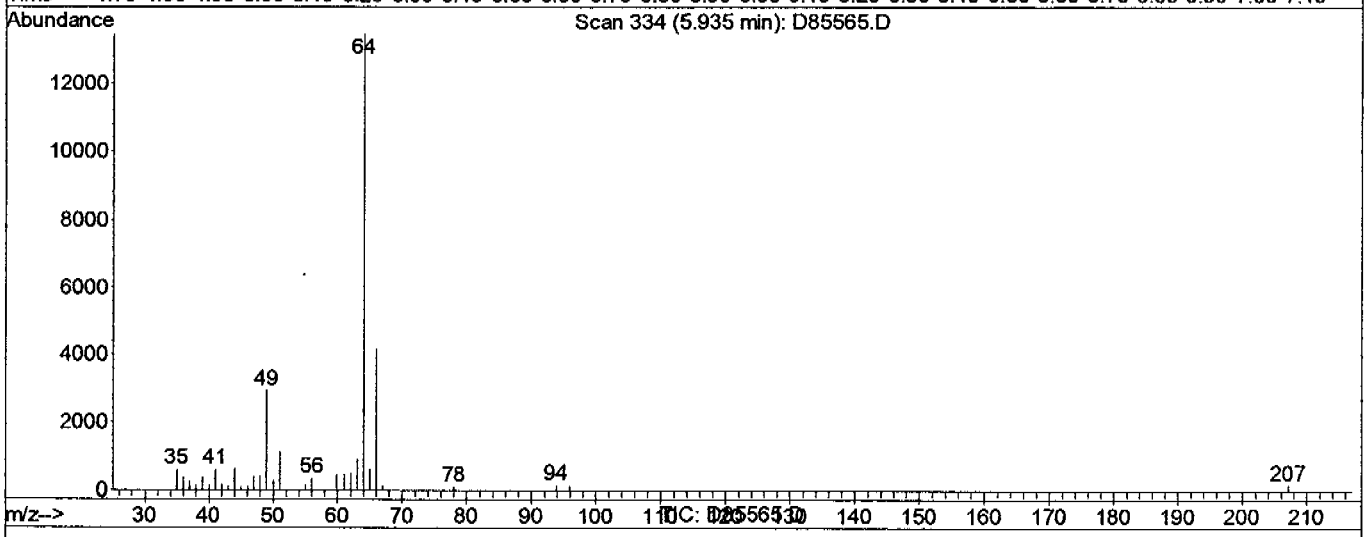


Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\D85565.D
Vial: 100
Acq On : 12 Aug 2004 8:49 pm
Operator: YING
Sample : N74646-1MS
Inst : GCMS D
Misc : MS2825,VD3413,5,,,,1
Multiplr: 1.00
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:33 2004
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Fri Aug 13 08:01:25 2004
Response via : Multiple Level Calibration





(9) chloroethane (M)

5.94min 51.13ug/L m

response 76494

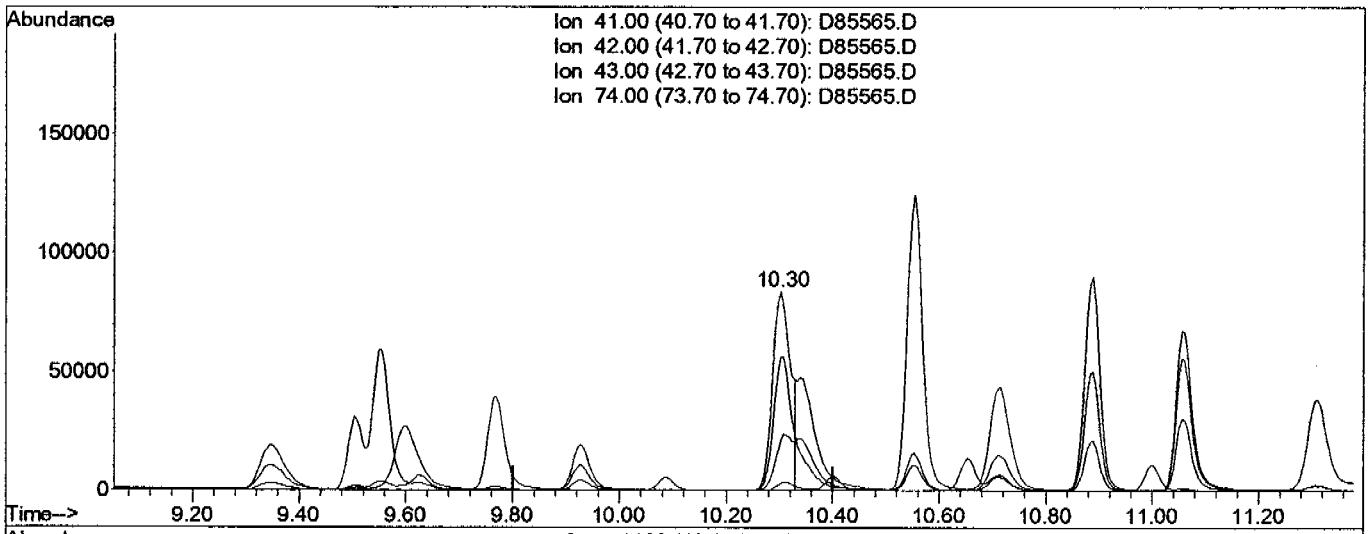
Ion	Exp%	Act%
64.00	100	100
66.00	30.80	30.84
49.00	21.10	21.81
0.00	0.00	0.00

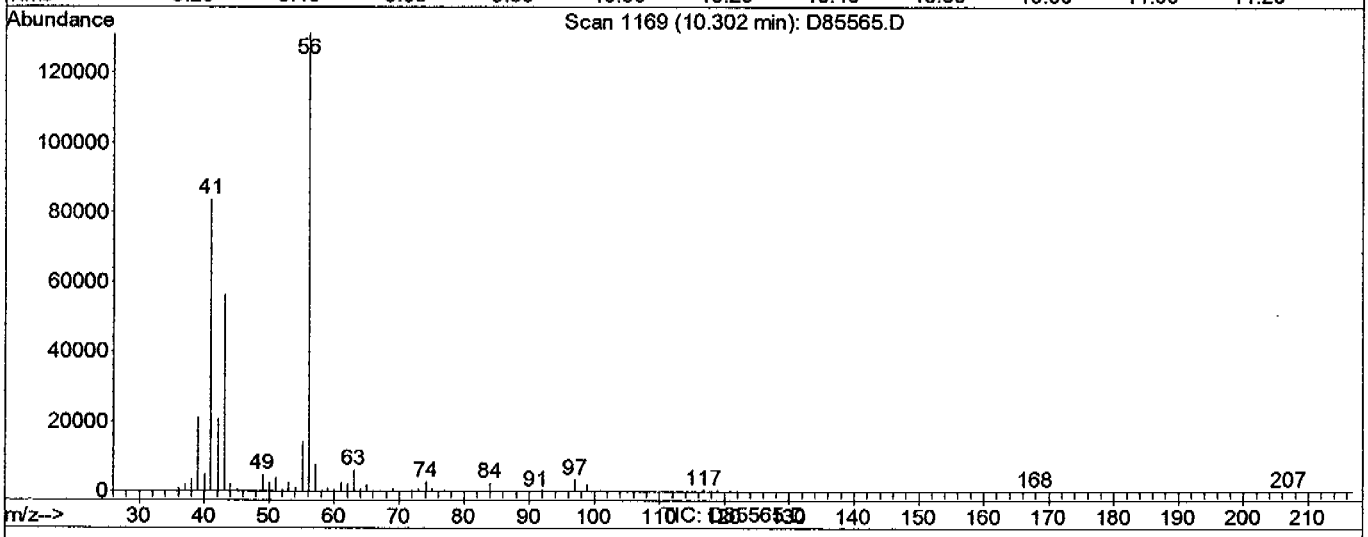
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\D85565.D
Acq On : 12 Aug 2004 8:49 pm
Sample : N74646-1MS
Misc : MS2825,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:33 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Fri Aug 13 08:01:25 2004
Response via : Multiple Level Calibration





(18) iso-butyl alcohol (M)

10.30min 499.32ug/L m

response 196627

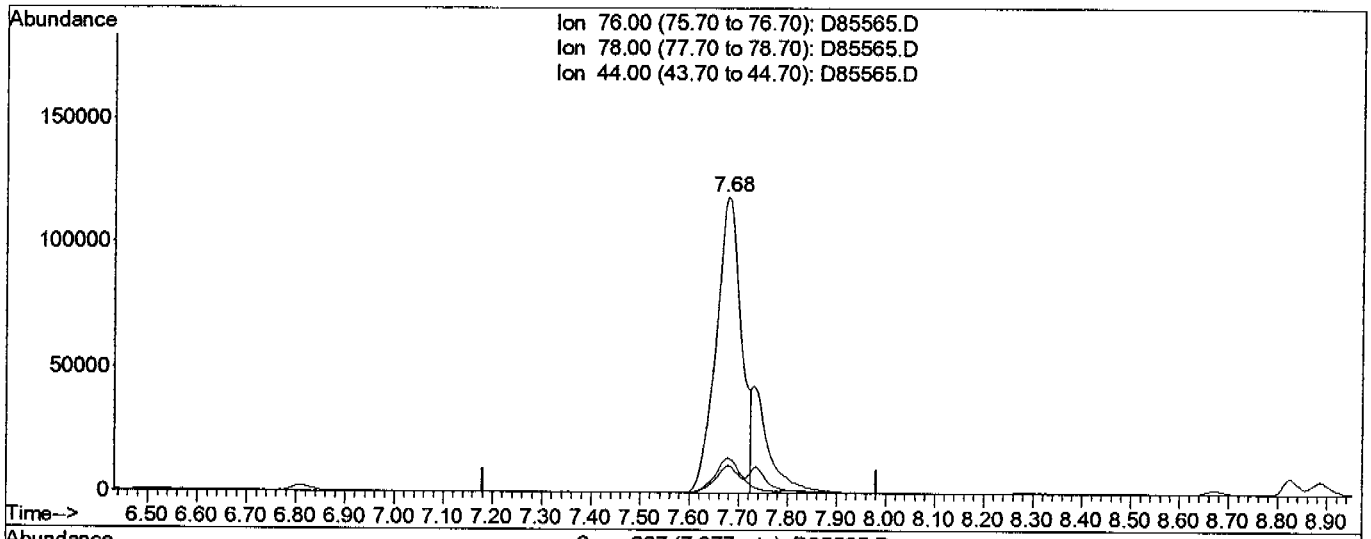
Ion	Exp%	Act%
41.00	100	100
42.00	23.60	24.87
43.00	64.90	67.28
74.00	2.90	3.26

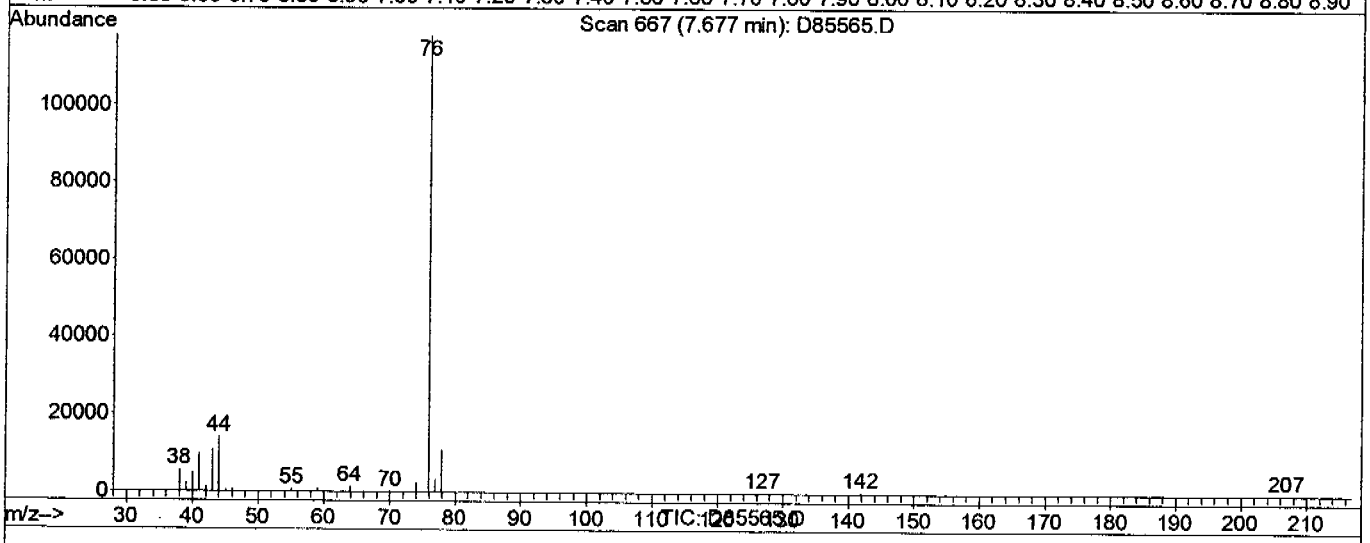
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\D85565.D
Acq On : 12 Aug 2004 8:49 pm
Sample : N74646-1MS
Misc : MS2825,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:33 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Fri Aug 13 08:01:25 2004
Response via : Multiple Level Calibration





(19) carbon disulfide (M)

7.68min 49.16ug/L m

response 425524

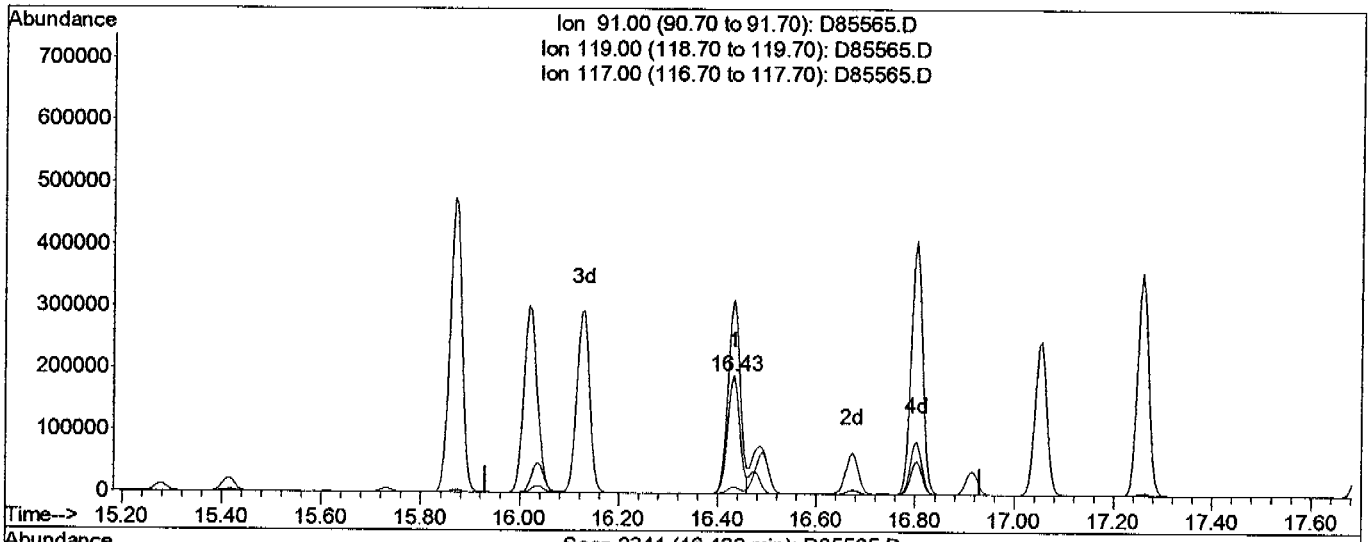
Ion	Exp%	Act%
76.00	100	100
78.00	9.40	9.29
44.00	12.80	11.94
0.00	0.00	0.00

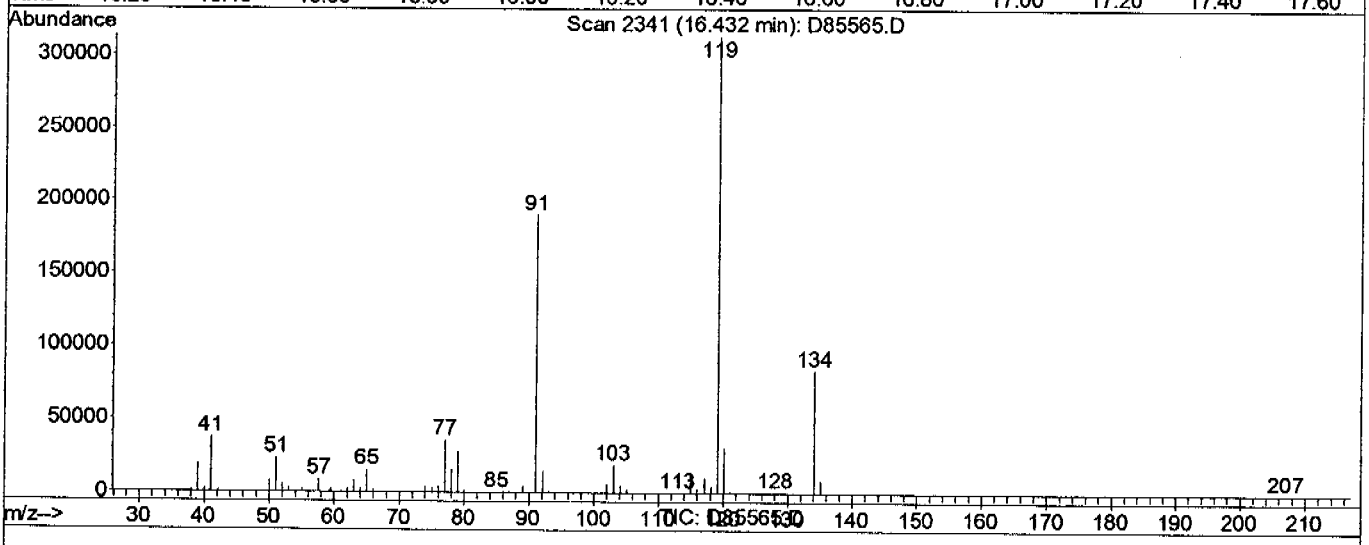
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\D85565.D
Acq On : 12 Aug 2004 8:49 pm
Sample : N74646-1MS
Misc : MS2825,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:33 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Fri Aug 13 08:01:25 2004
Response via : Multiple Level Calibration





(98) tert-butylbenzene (M)

16.43min 51.37ug/L m

response 330521

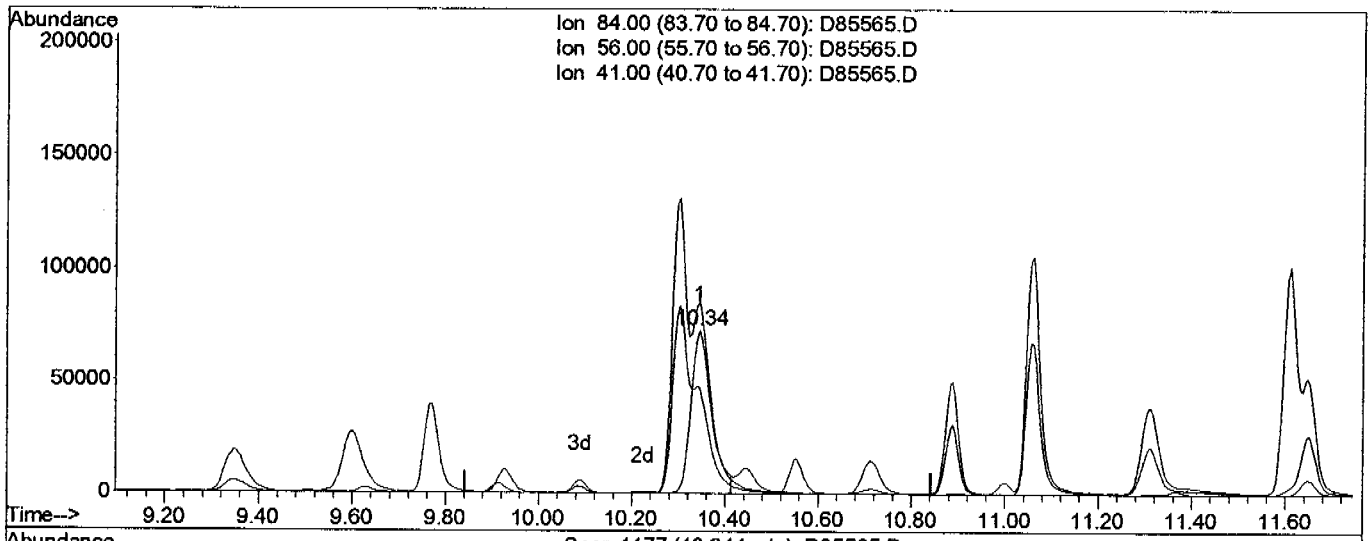
Ion	Exp%	Act%
91.00	100	100
119.00	164.80	164.85
117.00	5.60	5.48
0.00	0.00	0.00

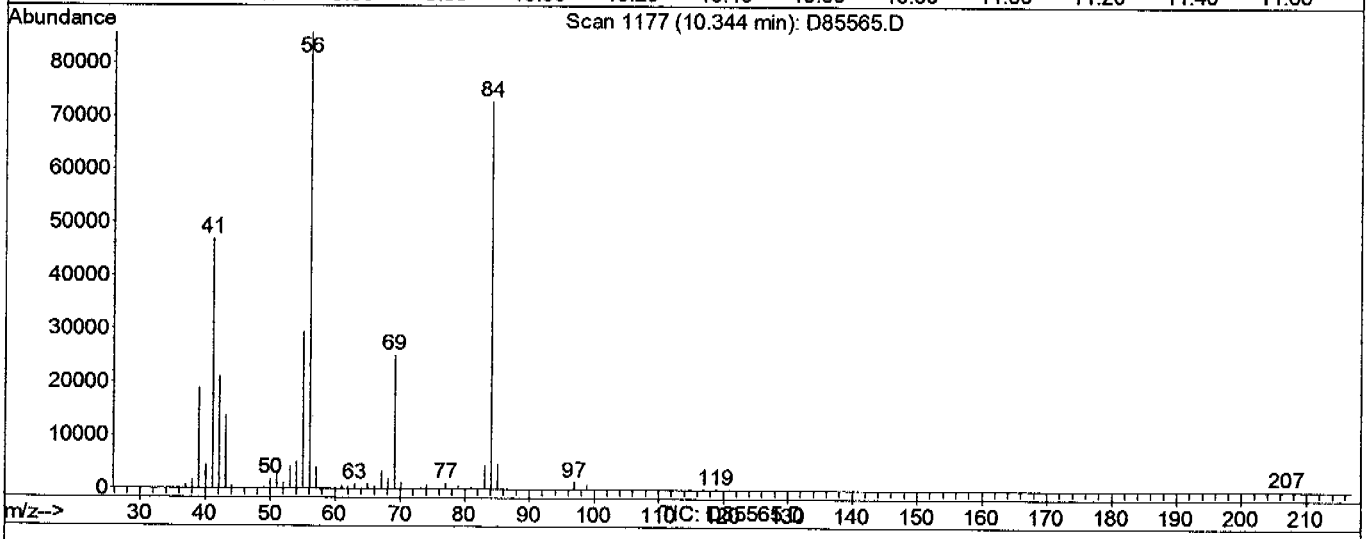
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\D85565.D
Acq On : 12 Aug 2004 8:49 pm
Sample : N74646-1MS
Misc : MS2825,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:33 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Fri Aug 13 08:01:25 2004
Response via : Multiple Level Calibration





(113) Cyclohexane (M)

10.34min 53.67ug/L m

response 221039

Ion	Exp%	Act%
84.00	100	100
56.00	0.00	0.00
41.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\D85566.D
Acq On : 12 Aug 2004 9:19 pm
Sample : N74646-1MSD
Misc : MS2825,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:34 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Quant Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Initial Calibration
DataAcq Meth : MD3408

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.81	65	195110	500.00 ug/L	0.00
3) pentafluorobenzene	10.09	168	452119	50.00 ug/L	0.00
44) 1,4-difluorobenzene	11.00	114	657987	50.00 ug/L	0.00
73) chlorobenzene-d5	14.33	117	609925	50.00 ug/L	0.00
86) 1,4-dichlorobenzene-d4	16.92	152	361907	50.00 ug/L	0.00

System Monitoring Compounds					
38) dibromofluoromethane (s)	10.10	113	189987	48.90 ug/L	0.00
Spiked Amount 50.000	Range 71 - 117		Recovery = 97.80%		
39) 1,2-dichloroethane-d4 (s)	10.53	65	207796	45.71 ug/L	0.00
Spiked Amount 50.000	Range 68 - 129		Recovery = 91.42%		
65) toluene-d8 (s)	12.71	98	767973	49.37 ug/L	0.00
Spiked Amount 50.000	Range 78 - 115		Recovery = 98.74%		
88) 4-bromofluorobenzene (s)	15.61	95	296331	49.75 ug/L	0.00
Spiked Amount 50.000	Range 73 - 127		Recovery = 99.50%		

Target Compounds					Qvalue
2) tertiary butyl alcohol	7.93	59	67931	253.55 ug/L	97
4) chlorodifluoromethane	4.43	51	183357	50.93 ug/L	94
5) dichlorodifluoromethane	4.41	85	114041	43.62 ug/L	98
6) chloromethane	4.80	50	132426	41.84 ug/L	98
7) vinyl chloride	5.08	62	136332	44.24 ug/L	100
8) bromomethane	5.76	94	91926	54.05 ug/L	99
9) chloroethane	5.92	64	74480	49.27 ug/L	97
10) trichlorofluoromethane	6.43	101	165366	45.27 ug/L	98
11) ethyl ether	6.81	74	91026	52.41 ug/L	95
12) acrolein	6.99	56	300631	1248.13 ug/L	99
13) 1,1-dichloroethene	7.27	96	139920	52.45 ug/L	93
14) acetone	7.21	43	43729	44.59 ug/L	96
15) allyl chloride	7.73	41	267834	47.57 ug/L	92
16) acetonitrile	7.59	40	73133	440.59 ug/L	98
17) iodomethane	7.52	142	252136	53.11 ug/L	98
18) iso-butyl alcohol	10.30	41	193199m	486.45 ug/L	
19) carbon disulfide	7.68	76	410675m	47.04 ug/L	
20) methylene chloride	7.90	84	158401	49.06 ug/L	97
21) methyl acetate	7.70	43	107755 8/14/04	45.71 ug/L	98
22) methyl tert butyl ether	8.29	73	414974	52.90 ug/L	98
23) trans-1,2-dichloroethene	8.31	96	149620	51.54 ug/L	94
24) di-isopropyl ether	8.89	45	442845	51.57 ug/L	98
25) ethyl tert-butyl ether	9.35	59	439755	54.08 ug/L	98
26) 2-butanone	9.51	72	19168	50.66 ug/L	95
27) 1,1-dichloroethane	8.84	63	248130	48.04 ug/L	99
28) chloroprene	8.98	53	171567	52.98 ug/L	97
29) acrylonitrile	8.16	53	299498	249.05 ug/L	99
30) vinyl acetate	8.83	86	31527	53.66 ug/L	97
31) ethyl acetate	9.55	45	17616	49.20 ug/L	40
32) 2,2-dichloropropane	9.60	77	179043	48.63 ug/L	100
33) cis-1,2-dichloroethene	9.56	96	160119	50.49 ug/L	96
34) propionitrile	9.55	54	228706	502.22 ug/L	99
35) bromochloromethane	9.86	128	82491	51.17 ug/L	96

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\D85566.D
Acq On : 12 Aug 2004 9:19 pm
Sample : N74646-1MSD
Misc : MS2825,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:34 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Quant Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Initial Calibration
DataAcq Meth : MD3408

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
36)	tetrahydrofuran	9.93	42	44717	48.20	ug/L		96
37)	chloroform	9.91	83	238254	47.49	ug/L		97
40)	freon 113	7.27	151	110757	52.25	ug/L		97
41)	methacrylonitrile	9.77	41	89336	49.59	ug/L		99
42)	1,1,1-trichloroethane	10.22	97	204821	46.43	ug/L		100
43)	tert-amyl methyl ether	10.71	73	442021	53.26	ug/L		87
45)	Di-isobutylene	11.31	57	330433	47.67	ug/L		95
46)	epichlorohydrin	12.23	57	57673	150.75	ug/L		99
47)	n-butyl alcohol	11.05	56	229110	2773.37	ug/L		98
48)	carbon tetrachloride	10.45	117	180228	47.30	ug/L		99
49)	1,1-dichloropropene	10.40	75	189711	50.06	ug/L		98
50)	hexane	8.67	57	193120	56.96	ug/L		98
51)	benzene	10.65	78	582124	49.92	ug/L		99
52)	heptane	10.89	57	97535	55.76	ug/L		99
53)	isopropyl acetate	10.55	43	257735	50.47	ug/L		99
54)	1,2-dichloroethane	10.62	62	178600	45.55	ug/L		99
55)	trichloroethene	11.36	95	145817	48.92	ug/L		98
56)	2-nitropropane	12.07	43	37103	43.32	ug/L		98
57)	2-chloroethyl vinyl ether	12.23	63	2420	1.31	ug/L	#	65
58)	methyl methacrylate	11.61	69	164867	54.76	ug/L		92
59)	1,2-dichloropropane	11.60	63	149611	49.63	ug/L		99
60)	methylcyclohexane	11.65	83	252214	54.56	ug/L		99
61)	dibromomethane	11.75	93	92159	48.82	ug/L		99
62)	1,4-dioxane	11.71	88	34760	1178.08	ug/L		96
63)	bromodichloromethane	11.88	83	181867	48.37	ug/L		99
64)	cis-1,3-dichloropropene	12.37	75	244579	50.15	ug/L		97
66)	4-methyl-2-pentanone	12.46	43	217210	50.92	ug/L		99
67)	toluene	12.79	92	369417	49.41	ug/L		100
68)	3-methyl-1-butanol	12.45	70	93583	1009.75	ug/L		96
69)	trans-1,3-dichloropropene	12.94	75	222244	49.55	ug/L		97
70)	ethyl methacrylate	12.97	69	203705	51.98	ug/L		96
71)	1,1,2-trichloroethane	13.17	83	114117	49.32	ug/L		99
72)	2-hexanone	13.37	43	96057	51.41	ug/L		98
74)	tetrachloroethene	13.43	166	179092	49.40	ug/L		99
75)	1,3-dichloropropane	13.37	76	237169	50.27	ug/L		99
76)	butyl acetate	13.47	56	99866	53.76	ug/L		98
77)	dibromochloromethane	13.66	129	151217	52.08	ug/L		98
78)	1,2-dibromoethane	13.84	107	142244	51.64	ug/L		100
79)	chlorobenzene	14.37	112	434430	49.75	ug/L		99
80)	1,1,1,2-tetrachloroethane	14.43	131	152965	49.91	ug/L		99
81)	ethylbenzene	14.45	91	688909	50.63	ug/L		99
82)	m,p-xylene	14.56	106	560054	103.95	ug/L		96
83)	o-xylene	15.02	106	282386	52.09	ug/L		98
84)	styrene	15.02	104	464276	54.82	ug/L		99
85)	bromoform	15.28	173	109369	45.56	ug/L		98
87)	isopropylbenzene	15.41	105	647735	52.71	ug/L		98
89)	bromobenzene	15.84	156	197527	51.13	ug/L		98
90)	cyclohexanone	15.54	55	51366	22.17	ug/L		99
91)	1,1,2,2-tetrachloroethane	15.68	83	189271	51.20	ug/L		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\D85566.D
Acq On : 12 Aug 2004 9:19 pm
Sample : N74646-1MSD
Misc : MS2825,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:34 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Quant Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Initial Calibration
DataAcq Meth : MD3408

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
92)	trans-1,4-dichloro-2-buten	15.73	53	40096	40.46 ug/L	94
93)	1,2,3-trichloropropane	15.77	77	46583	47.96 ug/L	98
94)	n-propylbenzene	15.87	91	814819	51.71 ug/L	99
95)	2-chlorotoluene	16.02	91	561391	50.90 ug/L	100
96)	4-chlorotoluene	16.13	91	511539	50.50 ug/L	99
97)	1,3,5-trimethylbenzene	16.03	105	586759	52.25 ug/L	99
98)	tert-butylbenzene	16.43	91	324625m	50.18 ug/L	
99)	pentachloroethane	16.49	167	125824	55.95 ug/L	98
100)	1,2,4-trimethylbenzene	16.47	105	615361	52.46 ug/L	99
101)	sec-butylbenzene	16.67	105	772743	52.39 ug/L	99
102)	1,3-dichlorobenzene	16.85	146	382243	49.99 ug/L	99
103)	p-isopropyltoluene	16.80	119	669940	52.88 ug/L	99
104)	1,4-dichlorobenzene	16.94	146	395817	49.41 ug/L	99
105)	1,2-dichlorobenzene	17.37	146	373018	49.95 ug/L	99
106)	n-butylbenzene	17.26	91	578029	51.36 ug/L	99
107)	1,2-dibromo-3-chloropropan	18.19	75	31874	50.15 ug/L	89
108)	1,2,4-trichlorobenzene	19.17	180	252353	52.18 ug/L	99
109)	hexachlorobutadiene	19.33	225	128384	50.17 ug/L	100
110)	naphthalene	19.48	128	501125	52.87 ug/L	100
111)	1,2,3-trichlorobenzene	19.76	180	197152	51.24 ug/L	100
112)	hexachloroethane	17.70	119	111360	45.79 ug/L	99
113)	Cyclohexane	10.34	84	225011	54.34 ug/L #	100

(#) = qualifier out of range (m) = manual integration

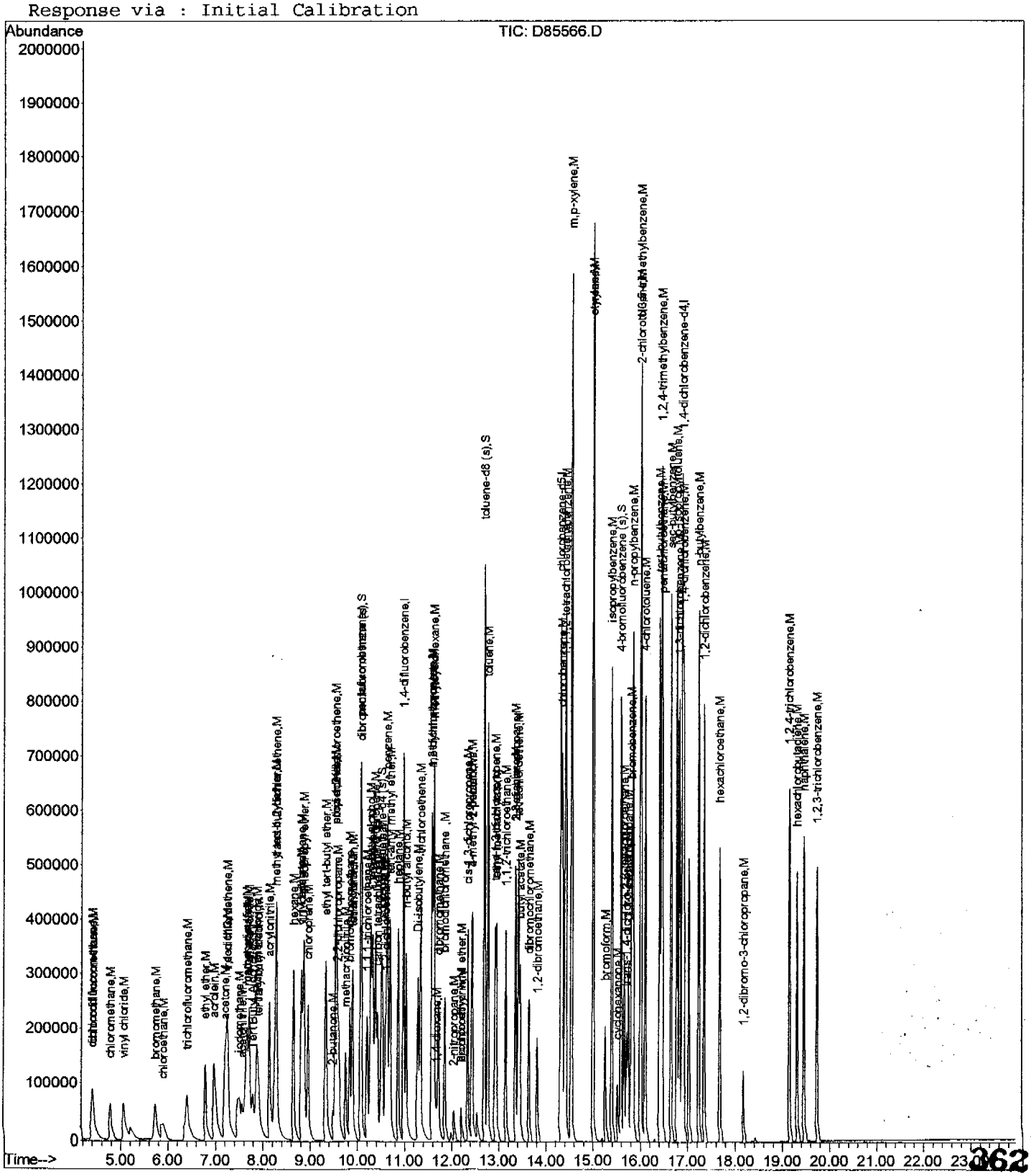
Quantitation Report

Data File : C:\HPCHEM\1\DATA\D85566.D
Acq On : 12 Aug 2004 9:19 pm
Sample : N74646-1MSD
Misc : MS2825,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:34 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00

Quant Results File: MD3408.RES

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Fri Aug 13 08:01:25 2004
Response via : Initial Calibration

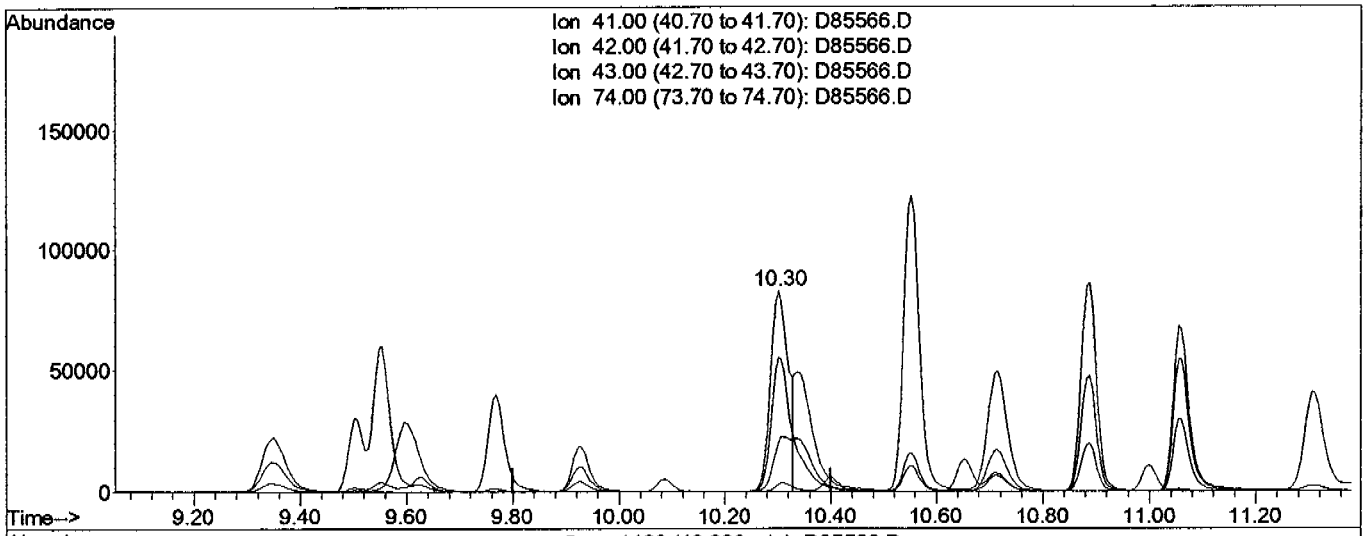


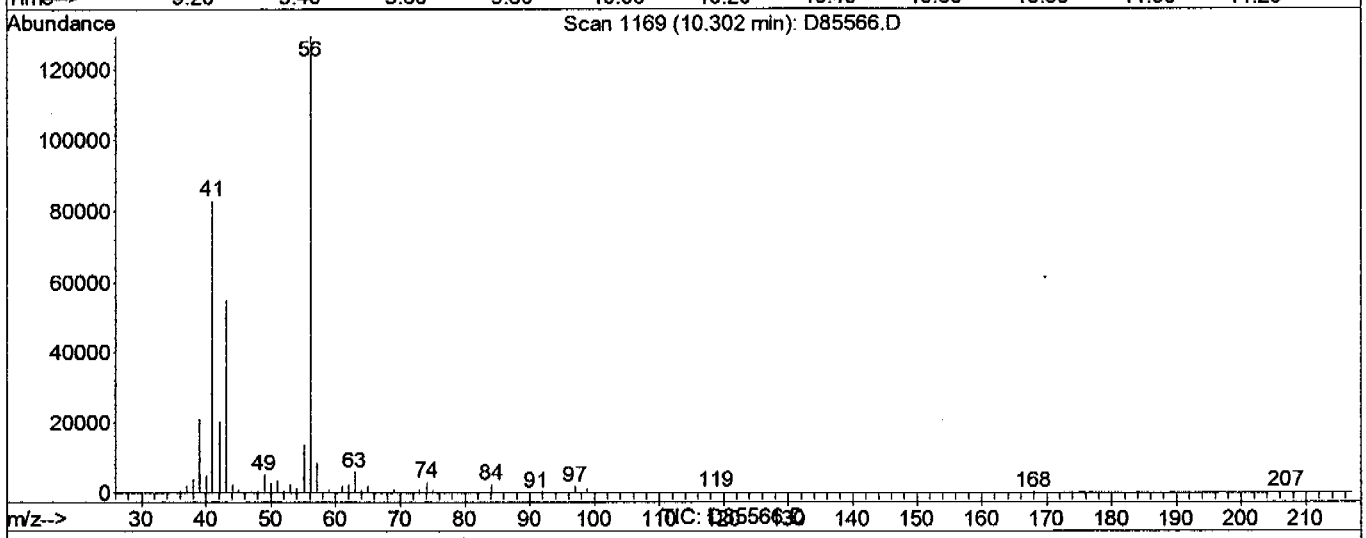
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\D85566.D
Acq On : 12 Aug 2004 9:19 pm
Sample : N74646-1MSD
Misc : MS2825,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:34 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Fri Aug 13 08:01:25 2004
Response via : Multiple Level Calibration





(18) Iso-butyl alcohol (M)

10.30min 486.45ug/L m

response 193199

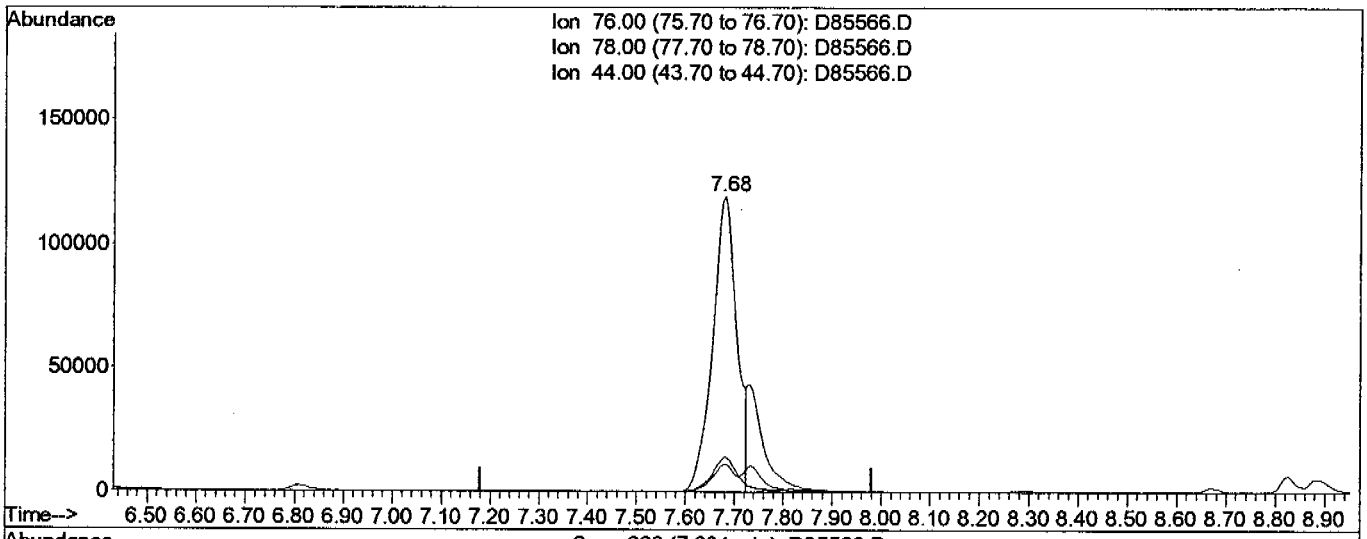
Ion	Exp%	Act%
41.00	100	100
42.00	23.60	24.54
43.00	64.90	66.54
74.00	2.90	3.54

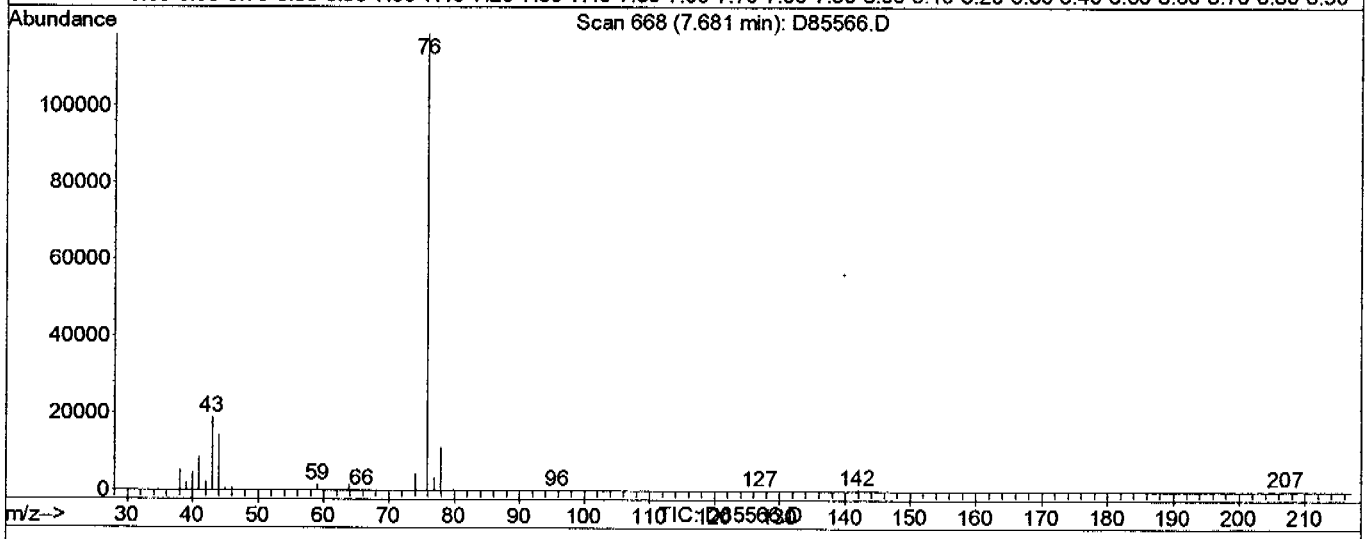
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\D85566.D
Acq On : 12 Aug 2004 9:19 pm
Sample : N74646-1MSD
Misc : MS2825,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:34 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Fri Aug 13 08:01:25 2004
Response via : Multiple Level Calibration





(19) carbon disulfide (M)

7.68min 47.04ug/L m

response 410675

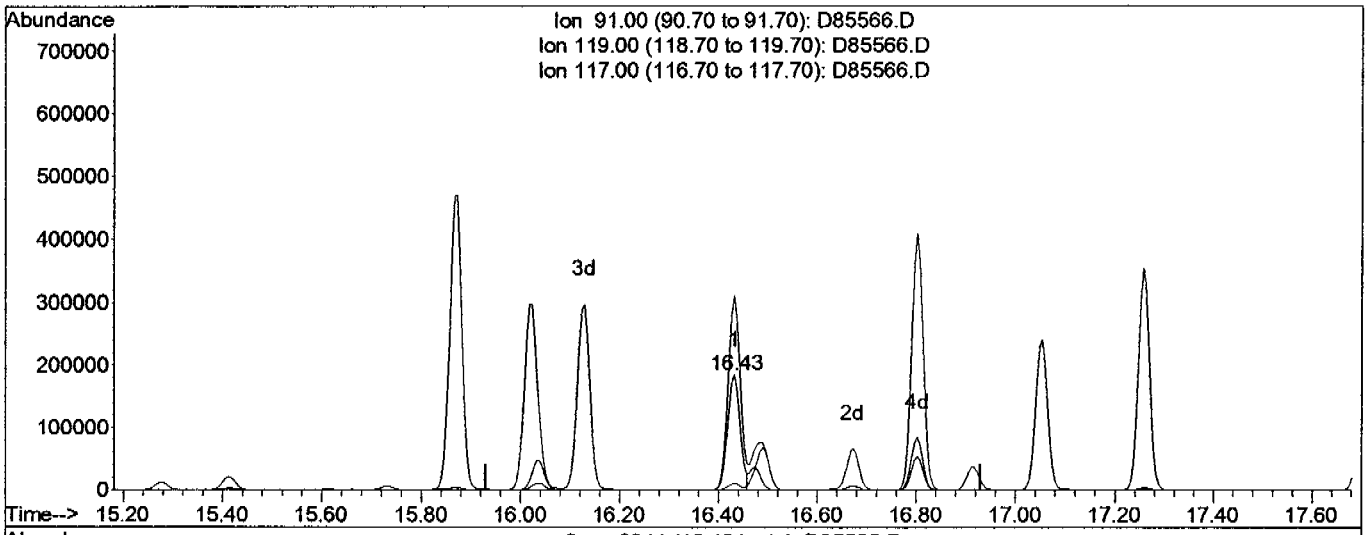
Ion	Exp%	Act%
76.00	100	100
78.00	9.40	9.31
44.00	12.80	11.92
0.00	0.00	0.00

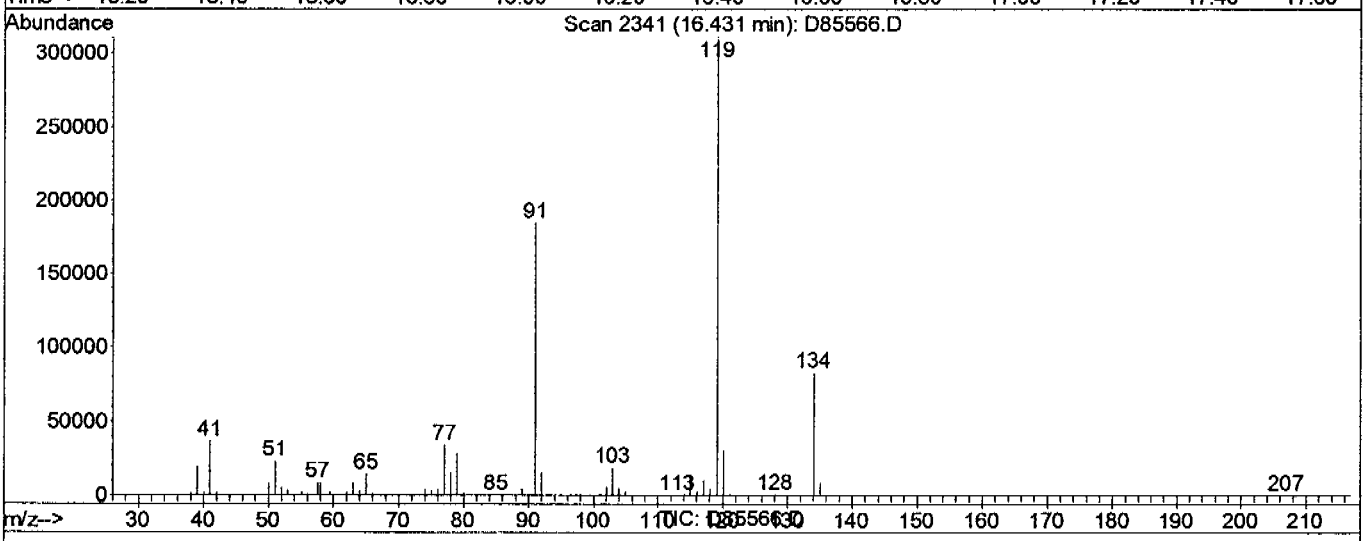
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\D85566.D
Acq On : 12 Aug 2004 9:19 pm
Sample : N74646-1MSD
Misc : MS2825,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:34 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Fri Aug 13 08:01:25 2004
Response via : Multiple Level Calibration





(98) tert-butylbenzene (M)

16.43min 50.18ug/L m

response 324625

Ion	Exp%	Act%
91.00	100	100
119.00	164.80	168.39
117.00	5.60	5.43
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\D85564.D
Acq On : 12 Aug 2004 8:18 pm
Sample : BS
Misc : MS2825,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:32 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Quant Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Initial Calibration
DataAcq Meth : MD3408

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.82	65	185210	500.00 ug/L	0.00
3) pentafluorobenzene	10.09	168	434368	50.00 ug/L	0.00
44) 1,4-difluorobenzene	11.00	114	628995	50.00 ug/L	0.00
73) chlorobenzene-d5	14.33	117	589505	50.00 ug/L	0.00
86) 1,4-dichlorobenzene-d4	16.91	152	352833	50.00 ug/L	0.00

System Monitoring Compounds					
38) dibromofluoromethane (s)	10.10	113	183196	49.08 ug/L	0.00
Spiked Amount 50.000	Range 71 - 117		Recovery = 98.16%		
39) 1,2-dichloroethane-d4 (s)	10.53	65	203212	46.53 ug/L	0.00
Spiked Amount 50.000	Range 68 - 129		Recovery = 93.06%		
65) toluene-d8 (s)	12.71	98	741359	49.86 ug/L	0.00
Spiked Amount 50.000	Range 78 - 115		Recovery = 99.72%		
88) 4-bromofluorobenzene (s)	15.61	95	287776	49.56 ug/L	0.00
Spiked Amount 50.000	Range 73 - 127		Recovery = 99.12%		

Target Compounds					Qvalue
2) tertiary butyl alcohol	7.93	59	66281	260.62 ug/L	95
4) chlorodifluoromethane	4.43	51	179886	52.00 ug/L	95
5) dichlorodifluoromethane	4.41	85	116054	46.20 ug/L	96
6) chloromethane	4.79	50	135166	44.45 ug/L	100
7) vinyl chloride	5.08	62	136740	46.19 ug/L	98
8) bromomethane	5.75	94	94893	58.22 ug/L	95
9) chloroethane	5.93	64	77477m	53.56 ug/L	
10) trichlorofluoromethane	6.42	101	165684	47.21 ug/L	98
11) ethyl ether	6.81	74	88021	52.75 ug/L	96
12) acrolein	6.99	56	198906	859.55 ug/L	99
13) 1,1-dichloroethene	7.26	96	136510	53.26 ug/L	93
14) acetone	7.21	43	41979	44.55 ug/L	100
15) allyl chloride	7.73	41	270465	50.00 ug/L	91
16) acetonitrile	7.59	40	71968	451.29 ug/L	98
17) iodomethane	7.52	142	249936	54.80 ug/L	100
18) iso-butyl alcohol	10.30	41	190942m	500.41 ug/L	
19) carbon disulfide	7.68	76	435100m	51.88 ug/L	
20) methylene chloride	7.90	84	155263 8/12/04	50.05 ug/L	96
21) methyl acetate	7.70	43	109612	48.40 ug/L	99
22) methyl tert butyl ether	8.29	73	341688	45.34 ug/L	99
23) trans-1,2-dichloroethene	8.30	96	146292	52.45 ug/L	97
24) di-isopropyl ether	8.88	45	419432	50.84 ug/L	99
25) ethyl tert-butyl ether	9.34	59	365321	46.77 ug/L	98
26) 2-butanone	9.51	72	18619	51.22 ug/L	98
27) 1,1-dichloroethane	8.84	63	247257	49.83 ug/L	99
28) chloroprene	8.98	53	166088	53.38 ug/L	97
29) acrylonitrile	8.16	53	298831	258.65 ug/L	99
30) vinyl acetate	8.83	86	32220	57.08 ug/L	95
31) ethyl acetate	9.55	45	16916	49.17 ug/L	86
32) 2,2-dichloropropane	9.60	77	164954	46.63 ug/L	98
33) cis-1,2-dichloroethene	9.56	96	156705	51.43 ug/L	98
34) propionitrile	9.55	54	226461	517.61 ug/L	98
35) bromochloromethane	9.86	128	79875	51.57 ug/L	99

(#) = qualifier out of range (m) = manual integration

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\D85564.D
Acq On : 12 Aug 2004 8:18 pm
Sample : BS
Misc : MS2825,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:32 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Quant Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Initial Calibration
DataAcq Meth : MD3408

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
36)	tetrahydrofuran	9.92	42	44598	50.03 ug/L	98
37)	chloroform	9.91	83	233608	48.46 ug/L	98
40)	freon 113	7.26	151	106493	52.29 ug/L	99
41)	methacrylonitrile	9.77	41	87657	50.65 ug/L	99
42)	1,1,1-trichloroethane	10.22	97	202575	47.80 ug/L	99
43)	tert-amyl methyl ether	10.71	73	389235	48.81 ug/L	93
45)	Di-isobutylene	11.31	57	354887	53.55 ug/L	72
46)	epichlorohydrin	12.23	57	85796	234.60 ug/L	99
47)	n-butyl alcohol	11.05	56	223292	2827.52 ug/L	98
48)	carbon tetrachloride	10.45	117	178169	48.91 ug/L	100
49)	1,1-dichloropropene	10.40	75	185815	51.29 ug/L	99
50)	hexane	8.67	57	187932	57.98 ug/L	99
51)	benzene	10.65	78	569065	51.05 ug/L	99
52)	heptane	10.89	57	95569	57.15 ug/L	99
53)	isopropyl acetate	10.55	43	252795	51.78 ug/L	99
54)	1,2-dichloroethane	10.62	62	176955	47.21 ug/L	100
55)	trichloroethene	11.36	95	141297	49.59 ug/L	99
56)	2-nitropropane	12.07	43	35169	42.98 ug/L	98
57)	2-chloroethyl vinyl ether	12.13	63	492239	279.20 ug/L	99
58)	methyl methacrylate	11.61	69	162644	56.51 ug/L	92
59)	1,2-dichloropropane	11.60	63	147103	51.05 ug/L	98
60)	methylcyclohexane	11.65	83	242799	54.95 ug/L	98
61)	dibromomethane	11.74	93	90955	50.40 ug/L	99
62)	1,4-dioxane	11.71	88	37451	1327.79 ug/L	96
63)	bromodichloromethane	11.88	83	180784	50.29 ug/L	100
64)	cis-1,3-dichloropropene	12.37	75	242491	52.01 ug/L	98
66)	4-methyl-2-pentanone	12.46	43	216231	53.03 ug/L	100
67)	toluene	12.79	92	362582	50.73 ug/L	99
68)	3-methyl-1-butanol	12.45	70	91034	1027.28 ug/L	97
69)	trans-1,3-dichloropropene	12.94	75	221185	51.58 ug/L	98
70)	ethyl methacrylate	12.97	69	202394	54.02 ug/L	96
71)	1,1,2-trichloroethane	13.17	83	111591	50.45 ug/L	99
72)	2-hexanone	13.37	43	94803	53.08 ug/L	99
74)	tetrachloroethene	13.43	166	173541	49.53 ug/L	99
75)	1,3-dichloropropane	13.37	76	234038	51.33 ug/L	99
76)	butyl acetate	13.47	56	100682	56.08 ug/L	94
77)	dibromochloromethane	13.66	129	149455	53.26 ug/L	98
78)	1,2-dibromoethane	13.84	107	139557	52.42 ug/L	100
79)	chlorobenzene	14.37	112	424327	50.27 ug/L	99
80)	1,1,1,2-tetrachloroethane	14.43	131	151478	51.14 ug/L	98
81)	ethylbenzene	14.45	91	677035	51.48 ug/L	99
82)	m,p-xylene	14.56	106	546362	104.92 ug/L	99
83)	o-xylene	15.02	106	278516	53.15 ug/L	99
84)	styrene	15.02	104	459157	56.09 ug/L	99
85)	bromoform	15.28	173	108991	46.93 ug/L	99
87)	isopropylbenzene	15.41	105	637278	53.20 ug/L	99
89)	bromobenzene	15.83	156	192945	51.23 ug/L	100
90)	cyclohexanone	15.54	55	53355	23.62 ug/L	99
91)	1,1,2,2-tetrachloroethane	15.68	83	187092	51.91 ug/L	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\D85564.D Vial: 100
Acq On : 12 Aug 2004 8:18 pm Operator: YING
Sample : BS Inst : GCMS D
Misc : MS2825,VD3413,5,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:32 2004 Quant Results File: MD3408.RES

Quant Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 10 08:47:54 2004
Response via : Initial Calibration
DataAcq Meth : MD3408

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
92)	trans-1,4-dichloro-2-buten	15.73	53	42408	43.90 ug/L	96
93)	1,2,3-trichloropropane	15.77	77	45837	48.40 ug/L	97
94)	n-propylbenzene	15.87	91	809720	52.71 ug/L	100
95)	2-chlorotoluene	16.02	91	557581	51.86 ug/L	99
96)	4-chlorotoluene	16.13	91	505467	51.19 ug/L	100
97)	1,3,5-trimethylbenzene	16.03	105	584244	53.37 ug/L	100
98)	tert-butylbenzene	16.43	91	325546m	51.62 ug/L	
99)	pentachloroethane	16.49	167	124536	56.80 ug/L	98
100)	1,2,4-trimethylbenzene	16.47	105	610646	53.39 ug/L	99
101)	sec-butylbenzene	16.67	105	765020	53.20 ug/L	99
102)	1,3-dichlorobenzene	16.85	146	376978	50.56 ug/L	100
103)	p-isopropyltoluene	16.80	119	665681	53.90 ug/L	100
104)	1,4-dichlorobenzene	16.94	146	391470	50.12 ug/L	99
105)	1,2-dichlorobenzene	17.37	146	368000	50.55 ug/L	99
106)	n-butylbenzene	17.26	91	581981	53.04 ug/L	99
107)	1,2-dibromo-3-chloropropan	18.19	75	31818	51.35 ug/L	98
108)	1,2,4-trichlorobenzene	19.17	180	248384	52.68 ug/L	99
109)	hexachlorobutadiene	19.33	225	125714	50.39 ug/L	97
110)	naphthalene	19.48	128	475256	51.43 ug/L	100
111)	1,2,3-trichlorobenzene	19.76	180	186729	49.78 ug/L	99
112)	hexachloroethane	17.70	119	112343	47.34 ug/L	99
113)	Cyclohexane	10.34	84	215671m	53.43 ug/L	

8/12/04

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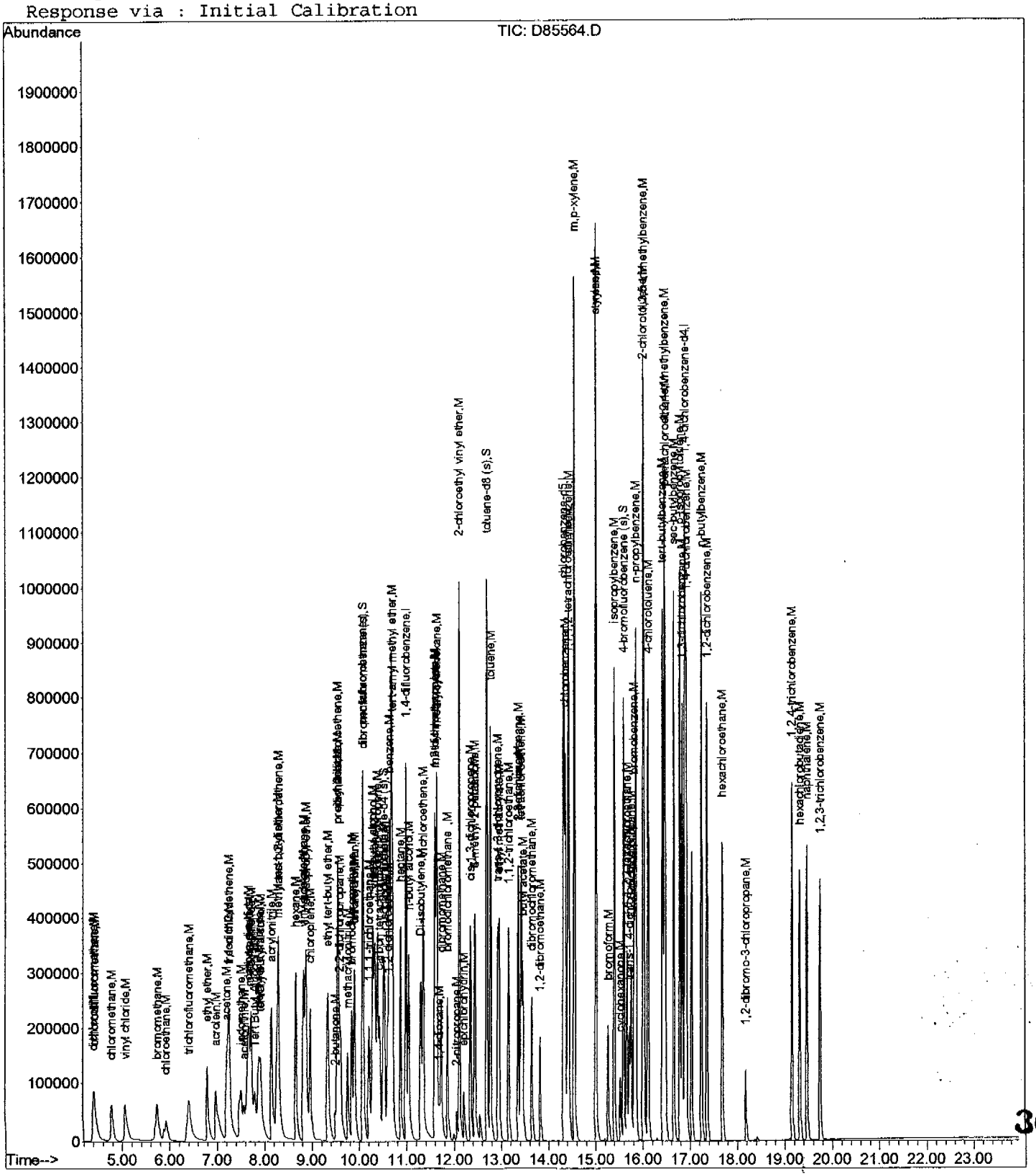
(#) = qualifier out of range (m) = manual integration
D85564.D MD3408.M Fri Aug 13 09:32:32 2004 MSD Page 3

Quantitation Report

Data File : C:\HPCHEM\1\DATA\D85564.D
Acq On : 12 Aug 2004 8:18 pm
Sample : BS
Misc : MS2825,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:32 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: MD3408.RES

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Fri Aug 13 08:01:25 2004
Response via : Initial Calibration



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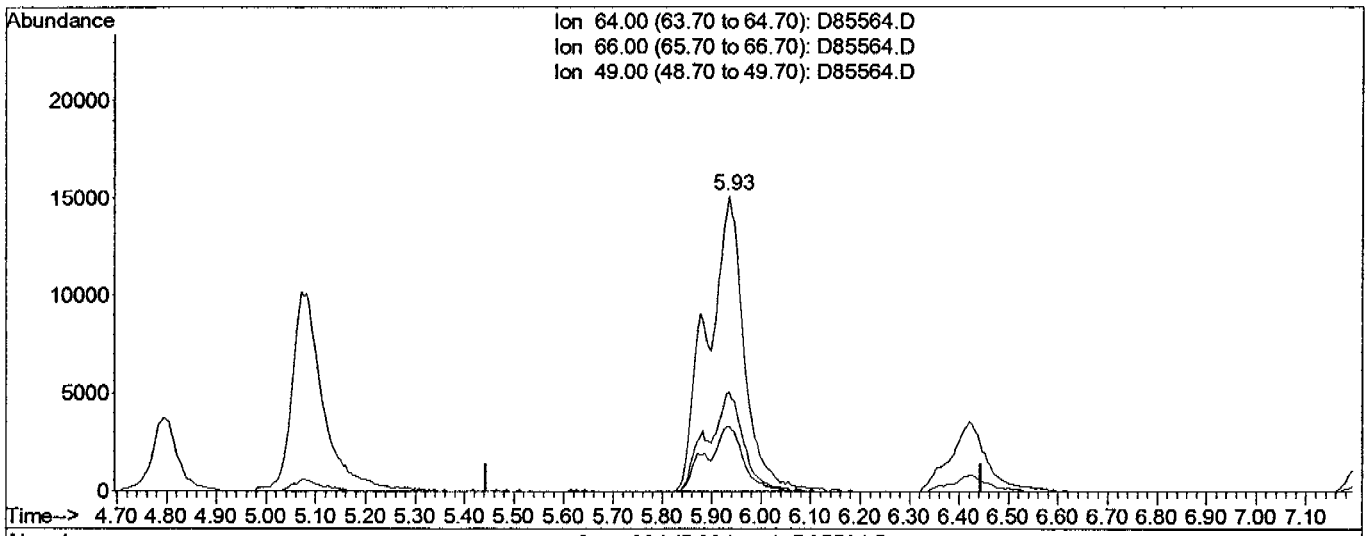
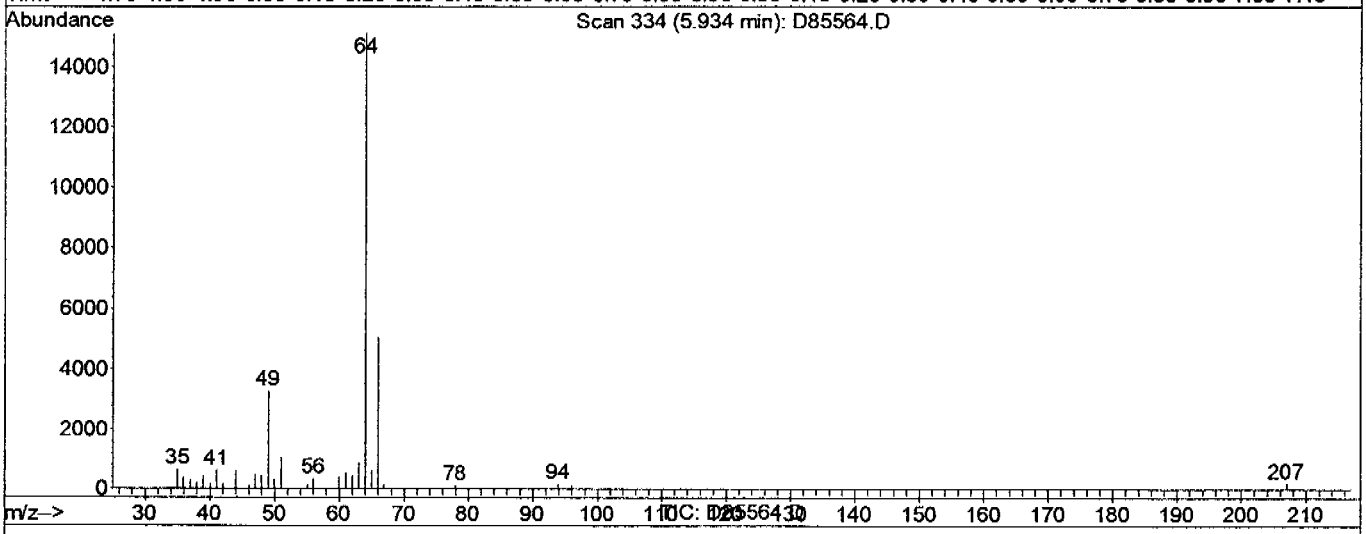
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\D85564.D
Acq On : 12 Aug 2004 8:18 pm
Sample : BS
Misc : MS2825,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:31 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Fri Aug 13 08:01:25 2004
Response via : Multiple Level Calibration





(9) chloroethane (M)

5.93min 53.56ug/L m

response 77477

Ion	Exp%	Act%
64.00	100	100
66.00	30.80	33.48
49.00	21.10	21.76
0.00	0.00	0.00

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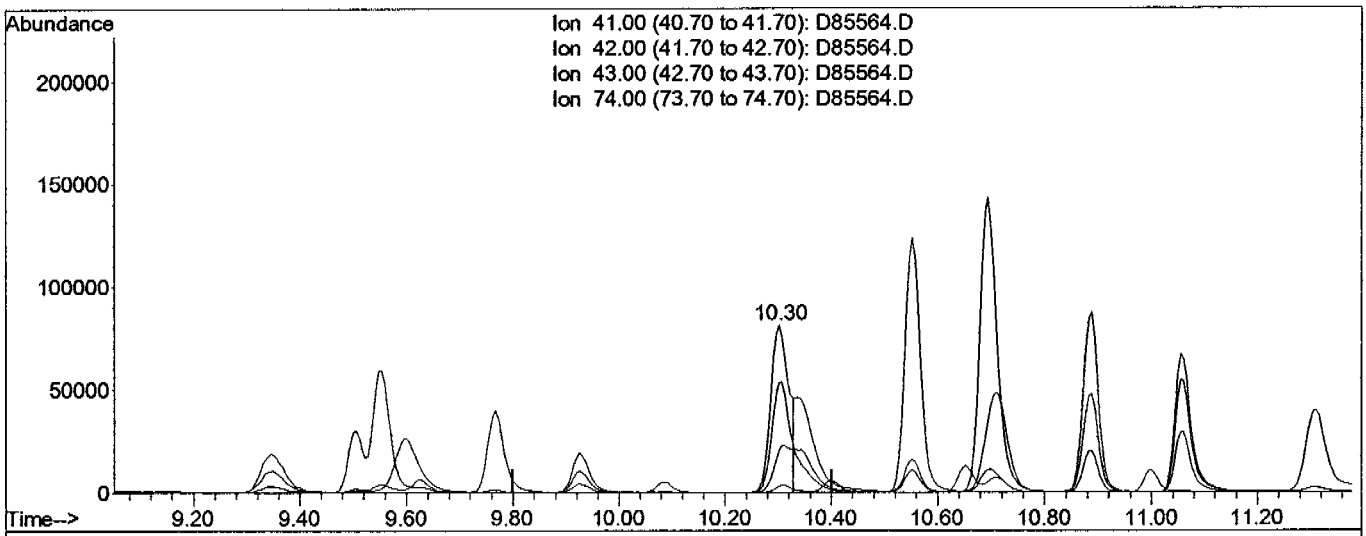
D85564.D MD3408.M Fri Aug 13 09:31:24 2004 MSD

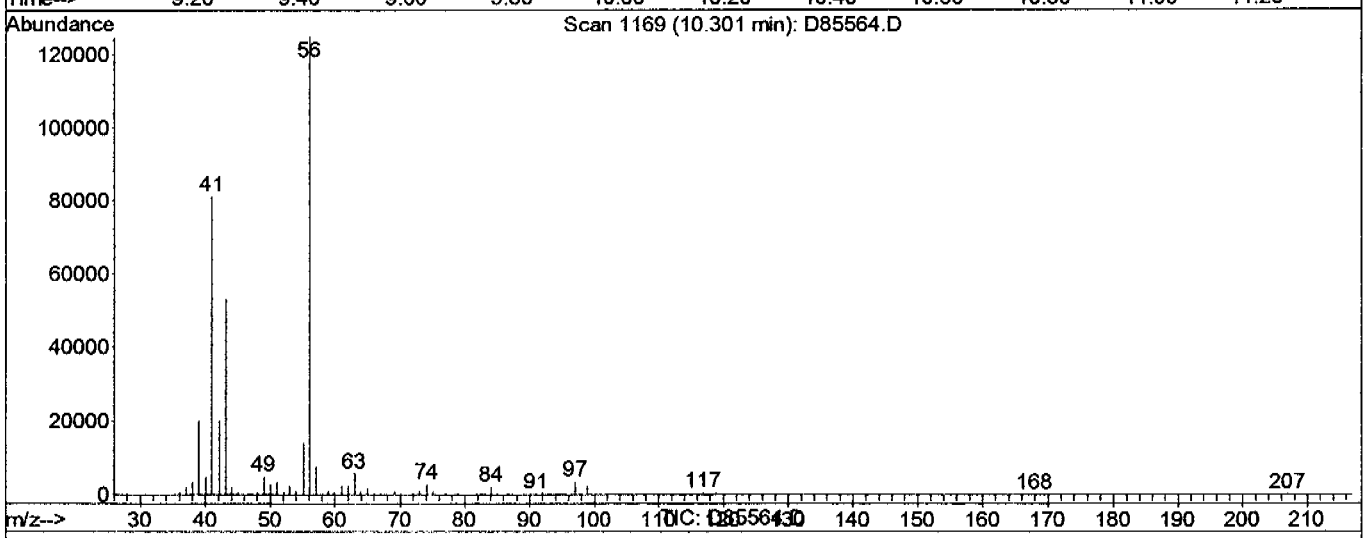
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\D85564.D
Acq On : 12 Aug 2004 8:18 pm
Sample : BS
Misc : MS2825,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:31 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Fri Aug 13 08:01:25 2004
Response via : Multiple Level Calibration





(18) iso-butyl alcohol (M)

10.30min 500.41ug/L m

response 190942

Ion	Exp%	Act%
41.00	100	100
42.00	23.60	24.82
43.00	64.90	65.53
74.00	2.90	3.52

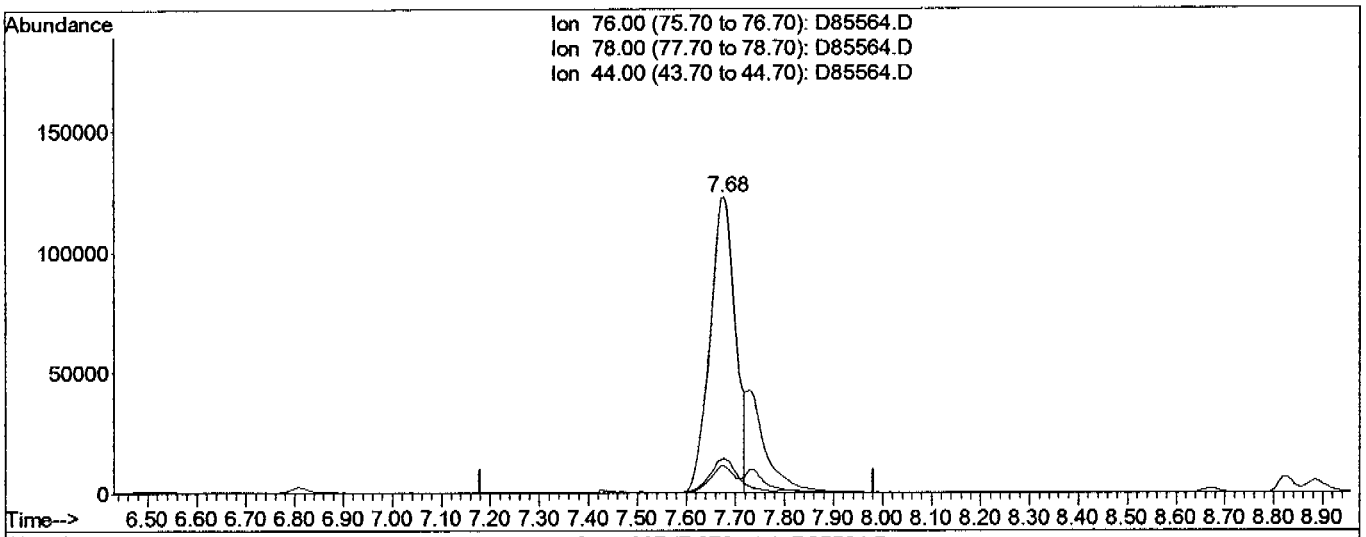
371

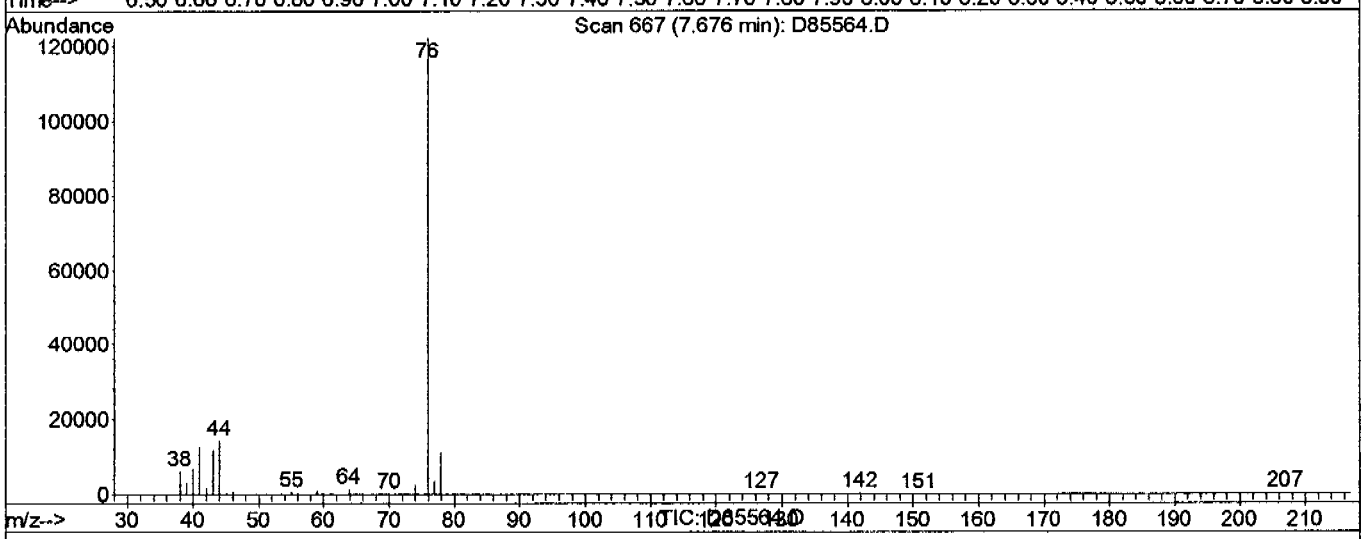
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\D85564.D
Acq On : 12 Aug 2004 8:18 pm
Sample : BS
Misc : MS2825,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:31 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Fri Aug 13 08:01:25 2004
Response via : Multiple Level Calibration





(19) carbon disulfide (M)

7.68min 51.88ug/L m

response 435100

Ion	Exp%	Act%
76.00	100	100
78.00	9.40	9.12
44.00	12.80	11.76
0.00	0.00	0.00

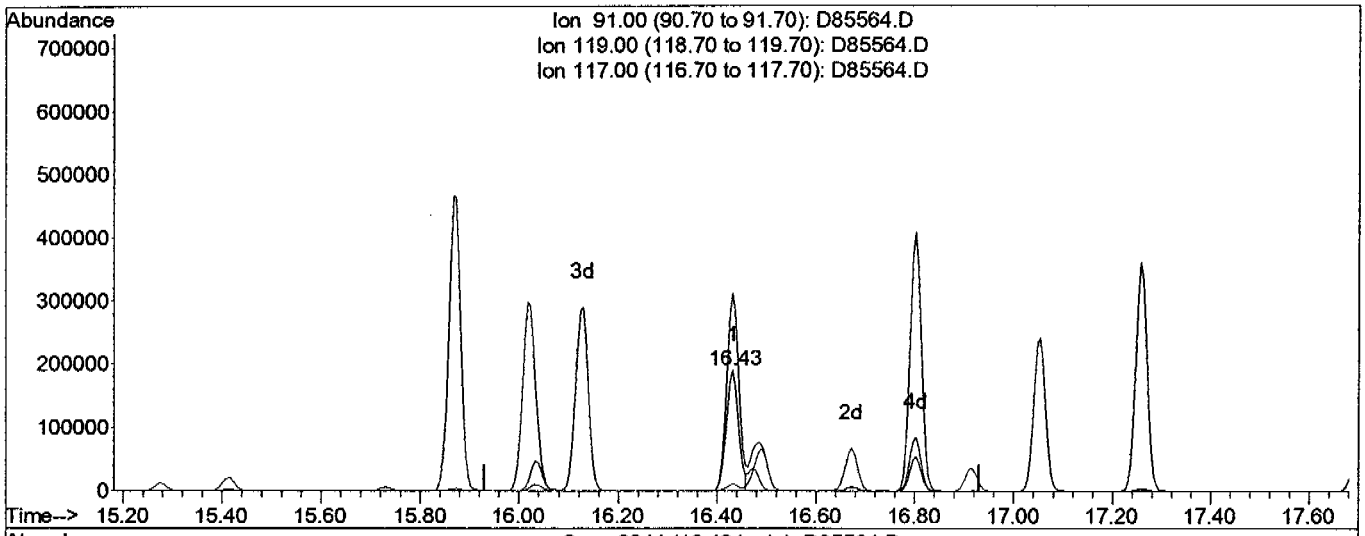
372

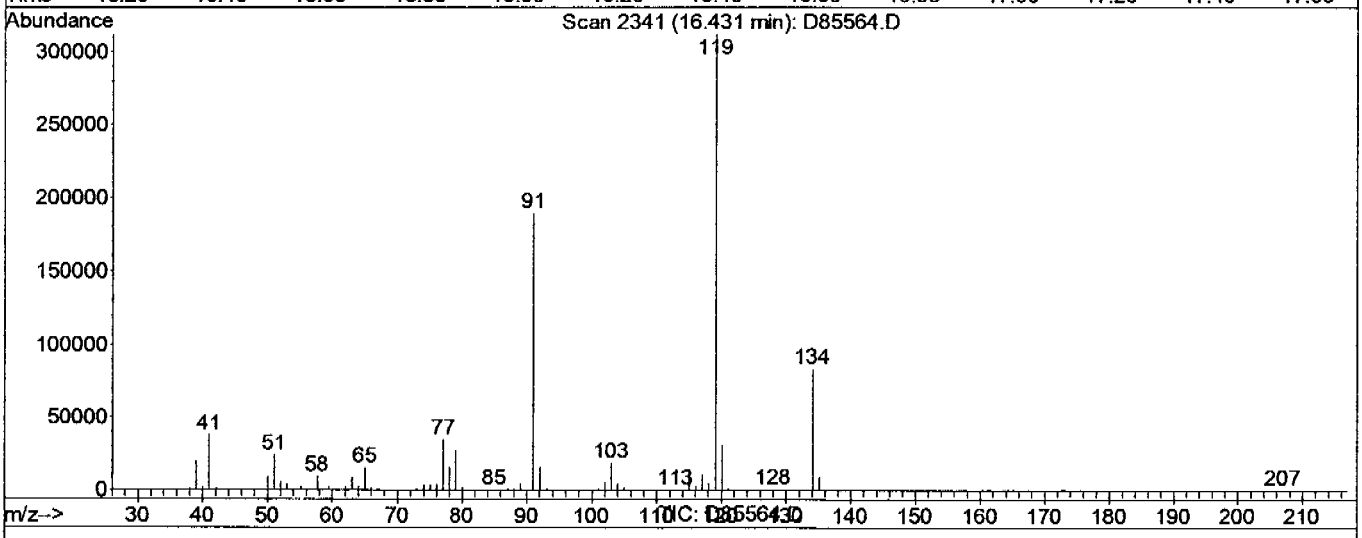
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\D85564.D
Acq On : 12 Aug 2004 8:18 pm
Sample : BS
Misc : MS2825,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:32 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Fri Aug 13 08:01:25 2004
Response via : Multiple Level Calibration





(98) tert-butylbenzene (M)

16.43min 51.62ug/L m

response 325546

Ion	Exp%	Act%
91.00	100	100
119.00	164.80	164.99
117.00	5.60	5.52
0.00	0.00	0.00

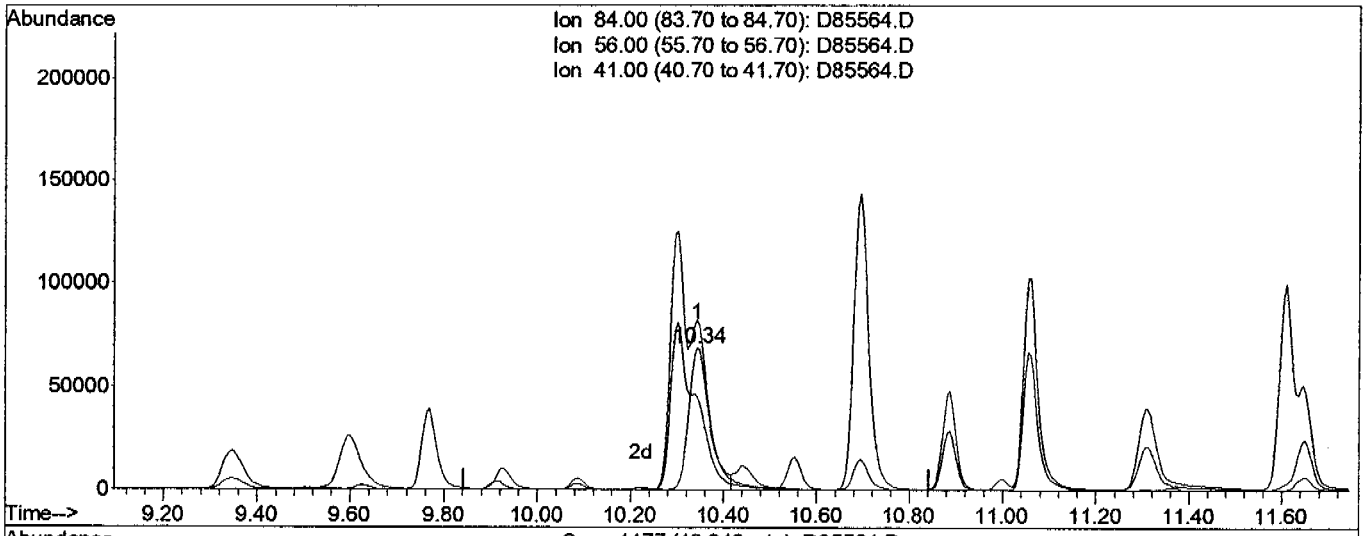
373

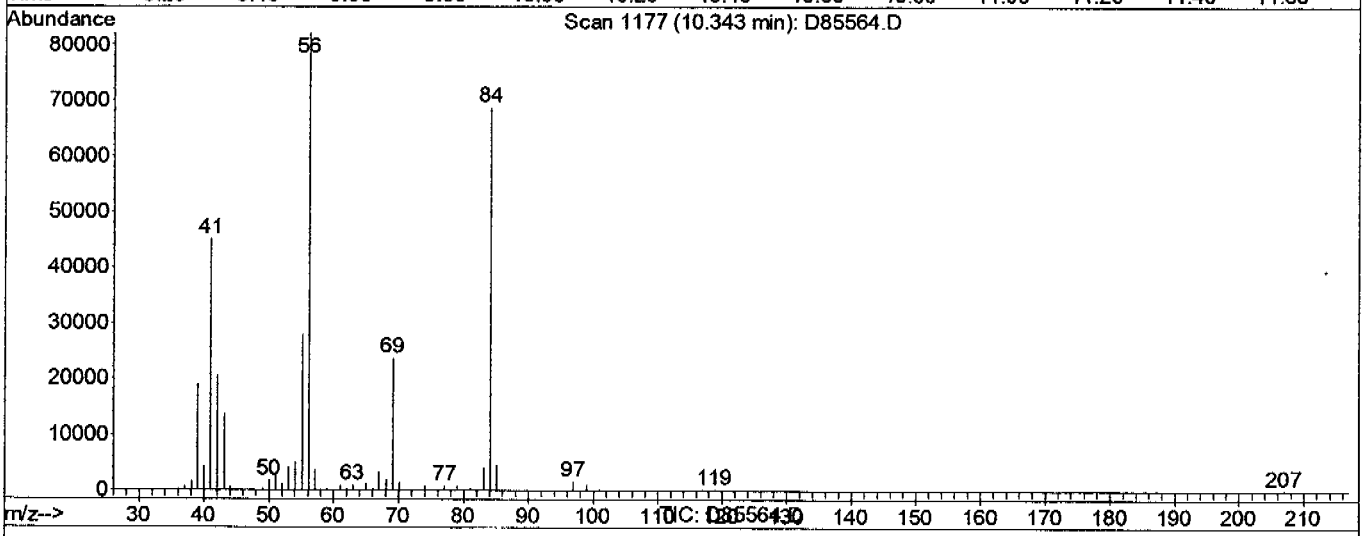
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\D85564.D
Acq On : 12 Aug 2004 8:18 pm
Sample : BS
Misc : MS2825,VD3413,5,,,,1
MS Integration Params: RTEINT3.P
Quant Time: Aug 13 9:32 2004

Vial: 100
Operator: YING
Inst : GCMS D
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\MD3408.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Fri Aug 13 08:01:25 2004
Response via : Multiple Level Calibration





(113) Cyclohexane (M)

10.34min 53.43ug/L m

response 215671

Ion	Exp%	Act%
84.00	100	100
56.00	0.00	0.00
41.00	0.00	0.00
0.00	0.00	0.00

ACCUTEST.

VOLATILE ANALYSIS LOG

Batch ID: VD3408

Date: 8/9/04

Analyst Signature: [illegible]

Standard Data

Lot #	Description	Conc.
MV70-81	Acrolein	1000ppm
MV71-5	ZXT A1	1000ppm
MV71-8	ZXT C1	1000ppm

Standard Data

Lot #	Description	Conc.
MV70-61	A 510	1000ppm
MV70-35	B 510	1000ppm
MV70-18	C 510	1000ppm
MV71-10	8260 Int/Surr	250/2500ppm
MV8P-44	13/13	25ppm

Columns: DB-624

Method ~~V8260~~ V8260

Initial Cal. Method MD3408

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to com with the criteria of Accutest SOP EQA044.

Supervisor Signature: [illegible] **Date:** 8/10

R	Data File	Sample ID	Test	MTX	Vial #	ALS #	Samp. Amt (ml or g)	MOH amt. (ul)	Secondary dilution	L+	IS	SU	Status (Data)	Comments	pH* < 2
	VD85420	13/13				1							OK		6:27 Am
	85421	IC2408-1				2							OK	A B C 0.5 0.5 0.5 (ml)	
	85422	IC2408-2				3							OK	1 1 1 (ml)	
	85423	IC2408-5				4							OK	2.5 2.5 2.5 (ml)	
	85424	IC2408-20				5							OK	10 10 10 (ml)	
	85425	IC2408-50				6							OK	25 25 25 (ml)	->Stop
	85426	IC2408-200				7							OK	100 100 100 (ml)	
	85427	IC2408-100				8							OK	200 200 200 (ml)	
	85428	CL				9									
	85429	CL				10									
	85430	MB1				11							OK		
	85431	BS (LCS)				12							OK	A.B.C. Acrolein 25ml ->Stop	
	85432	N74212-1MS	8260 PPL+10 MZK		1	13	0.1ml		50X				OK	A.B.C 25ml ->Stop	✓
	85433	N74212-1MSD	MEHK+HAP		1	14			50X				OK	↓	✓
	85434	N74212-1			1	15	↓		50X				OK		✓
	85435	N74212-2			1	16	5ml		1X				OK		✓
	85436	N74212-3			1	17			1X				OK		✓
	85437	N74212-4			1	18	↓		1X				OK		✓
	85438	N74212-5			1	19	0.25ml		20X					RR 1:10	✓

MTX = Matrix Designate W for water, S for soil, O for oil. L+ = Library Search. IS = Internal Standard Area. SU = Surrogate.
Sample Amt = Volume (ML) or Weight (g); MOH amt = volume (ul) extract injected * IF pH > 2, comment on sample result.

ACCUTEST

VOLATILE ANALYSIS LOG

Batch ID: VD 3413

Date: 8/12/04

Analyst Signature: [illegible]

Columns: DB-624

Method V8260

Initial Cal. Method MD3408

Standard Data

Lot #	Description	Conc.
MV71-5	8XT A1	100ppm
MV71-31	8XT C1	100ppm
MV70-71	Acrolein	1000ppm

Standard Data

Lot #	Description	Conc.
MV71-10	8260 Int/Std	250/250ppm
MV71-23	8260 B SIO	100ppm
MV71-26	8260 A SIO	100ppm
MV71-18	8260 C SIO	100ppm
MV84-44	B/B	25ppm

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to com with the criteria of Accutest SOP EQA044.

Supervisor Signature: [illegible] **Date:** 8/12

R	Data File	Sample ID	Test	MTX	Vial #	ALS #	Samp. Amt (ml or g)	MOH amt. (ul)	Secondary dilution	L+	IS	SU	Status (Data)	Comments	pH* < 2
	>D8555	B/B	M52825 TCL42			1	5ml						OK	20ml → 5ml.	
	85560	CL3408-50	1,2,2,TCB BCM			2							OK	A.B-C 25ml ovrl → 5ml	
	85561	CL				3									
	85562	MB1				4							OK		
	85563	M74646-1 ~~BS~~	8/12/04	GW	11	5			1X 5ml				OK		✓
	85564	BS				6							OK	A1.B.C1.Acrolein 25ml → 5ml	
	85565	M74646-1MS		GW	11/12	7			1X 5ml				OK	A.B-C 25ml → 5ml	✓
	85566	M74646-1MSD			11/12	8			↓				OK		✓
	85567	CL				9									
	85568	M74646-2			11	10			1X 5ml				OK		✓
	85569	M74646-3			11	11			1X 5ml				OK		✓
	85570	M74646-4			11	12							OK		✓
	85571	M74646-5			11	13							OK		✓
	85572	M74646-6			11	14							OK		✓
	85573	M74646-7		B	11	15							OK		✓
	85574	M74646-8		GW	11	16							OK		✓
	85575	M74646-9			11	17							OK		✓
	85576	M74646-10			11	18							OK		✓
	85577	M74646-11			11	19							OK		

MTX = Matrix Designate W for water, S for soil, O for oil. L+ =Library Search. IS = Internal Standard Area. SU = Surrogate.
Sample Amt = Volume (ML) or Weight (g); MOH amt.= volume (ul) extract injected * IF pH > 2, comment on sample result.

ACCUTEST.

VOLATILE ANALYSIS LOG

Batch ID: VD 3413/VD3414

Date: 8/12/04

Analyst Signature: [illegible]

Standard Data

Lot #	Description	Conc.

Standard Data

Lot #	Description	Conc.
	see pg 105	

Columns: DB-624

Method V8260

Initial Cal. Method MD3408

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to com with the criteria of Accutest SOP EQA044.

Supervisor Signature: [illegible] **Date:** 8/12

R	Data File	Sample ID	Test	MTX	Vial #	ALS #	Samp. Amt (ml or g)	MOH amt. (ul)	Secondary dilution	L+	IS	SU	Status (Data)	Comments	pH* <2
			2826												
	>D85578	M74646-12	7CL42	GW	11	20	5ml		1X		✓		ok		✓
	85579	M74646-13	↓	↓	11	21	↓		1X		✓		ok		✓
	85580	RC				22									
	85581	BFB				23							ok		4:52 Am
	85582	CC3408-20	2614 PPL			24							ok	A.B.C 10ul each → 5ml	
	85583	CC				25					✓				
	85584	MB1				26					✓		ok		
	85585	BS				27					✓		ok	A.B.C. 25ul each → 5ml	
	85586	M74217-5		GW	2	28	5ml		1X		✓		ok		✓
	85587	M74217-6			2	29	↓		1X		✓		ok		✓
	85588	M74217-7			3	30	0.1ml		50X		✓		ok	Sample Foaming.	PH=6
	85589	M74217-8			2	31	5ml		1X		✓		ok		✓
	85590	M74217-9			2	32	↓		1X		✓		ok	+ >D85591	✓
DL	85591	M74217-9			2	33	1mL		5X		✓		ok		✓
	85592	M74217-10			2	34	0.5ml		10X						✓
	85593	M74217-10MS			2	35	↓		↓					A.B.C 25ul → 5ml	✓
	85594	M74217-10MSD			2	36	↓		↓					✓	✓
	85595	M74217-10			2	37	0.2ml		25X						✓
	85596	M74217-11			2	38	0.25ml ↓		20X						

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MTX = Matrix Designate W for water, S for soil, O for oil. L+ =Library Search. IS = Internal Standard Area. SU = Surrogate.
Sample Amt = Volume (ML) or Weight (g): MOH amt.= volume (ul) extract injected * IF pH > 2, comment on sample result.

GC/MS SEMIVOLATILE

ACCUTEST

GC/MS Analysis Case Narrative/Conformance/Non-Conformance Summary

Fraction Semivolatile

	NO	YES
1. Chromatograms Labeled/Compounds Identified *(Field Samples and Method Blanks)*		✓
2. GC/MS Tune Meet Criteria		✓
3. GC/MS Tuning Frequency – Performed every 24 hours for 600 series and 12 hours for 8000 series.		✓
4. GC/MS Calibration – Initial and Continuing Calibration Meet Method Requirements		✓
5. GC/MS Calibration Requirements		
a. Calibration Check Compounds		✓
b. System Performance Check Compounds		✓
6. Blank Contamination	✓	
If yes, the sample result is qualified with a "B".		
7. Surrogate Recoveries Meet Criteria		✓
If the requirement is not met, refer to the Surrogate Summary for comment.		
8. Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria		*✓
If the requirement is not met, refer to MS/MSD Summary for comment.		
9. Internal Standard Area/Retention Time Shift Meet Criteria		✓
If the requirement is not met, refer to the Internal Standard Summary for comment.		
10. Extraction Holding Time Met		✓
If the holding time is not met, refer to the Sample Result page for comment.		
11. Analysis Holding Time Met		✓
If the holding time is not met, refer to the Sample Result page for comment.		

12. Volatile Sample Preservation – pH should be < 2. *List any non-compliant samples below:*

Additional Comments: * See footnote

QC Review Signature: [signature] Date: 8/25/04

Form: RG04
Rev. Date: 2/9/00

Semivolatile Surrogate Recovery Summary

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC

Method: SW846 8270C **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4	S5	S6
N74646-1	F44529.D	62.0	37.0	102.0	101.0	101.0	119.0
N74646-2	F44532.D	58.0	39.0	88.0	83.0	83.0	116.0
N74646-3	F44533.D	72.0	50.0	100.0	106.0	105.0	120.0
N74646-4	F44534.D	61.0	38.0	95.0	103.0	105.0	114.0
N74646-5	F44535.D	64.0	43.0	92.0	95.0	92.0	109.0
N74646-6	F44536.D	56.0	34.0	96.0	89.0	86.0	112.0
N74646-8	F44537.D	55.0	38.0	85.0	92.0	93.0	106.0
N74646-9	F44538.D	59.0	36.0	90.0	92.0	93.0	108.0
N74646-10	F44539.D	66.0	42.0	94.0	95.0	96.0	108.0
N74646-11	F44540.D	67.0	42.0	95.0	97.0	101.0	110.0
N74646-12	F44541.D	62.0	40.0	95.0	101.0	98.0	109.0
N74646-13	F44542.D	70.0	46.0	90.0	92.0	93.0	107.0
OP17687-BS1	F44527.D	67.0	44.0	119.0	104.0	105.0	116.0
OP17687-BSD	F44531.D	72.0	52.0	123.0	101.0	101.0	125.0
OP17687-MB1	F44553.D	52.0	28.0	87.0	80.0	77.0	90.0
OP17687-MS	F44530.D	70.0	50.0	121.0	106.0	113.0	127.0

Surrogate Compounds	Recovery Limits
S1 = 2-Fluorophenol	10-88%
S2 = Phenol-d5	10-71%
S3 = 2,4,6-Tribromophenol	45-134%
S4 = Nitrobenzene-d5	32-128%
S5 = 2-Fluorobiphenyl	34-121%
S6 = Terphenyl-d14	41-129%

Matrix Spike Summary

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP17687-MS	F44530.D	1	08/17/04	NAP	08/11/04	OP17687	EF2403
N74646-1	F44529.D	1	08/17/04	NAP	08/11/04	OP17687	EF2403

The QC reported here applies to the following samples: **Method:** SW846 8270C

N74646-1, N74646-2, N74646-3, N74646-4, N74646-5, N74646-6, N74646-8, N74646-9, N74646-10, N74646-11, N74646-12, N74646-13

CAS No.	Compound	N74646-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
95-57-8	2-Chlorophenol	ND		52.6	55.9	106	30-117
59-50-7	4-Chloro-3-methyl phenol	ND		52.6	63.7	121	36-129
120-83-2	2,4-Dichlorophenol	ND		52.6	60.1	114	37-124
105-67-9	2,4-Dimethylphenol	ND		52.6	47.2	90	28-121
51-28-5	2,4-Dinitrophenol	ND		105	122	116	8-144
534-52-1	4,6-Dinitro-o-cresol	ND		52.6	66.1	126	24-142
95-48-7	2-Methylphenol	ND		52.6	54.6	104	30-114
	3&4-Methylphenol	ND		52.6	49.7	94	21-122
88-75-5	2-Nitrophenol	ND		52.6	53.9	102	34-123
100-02-7	4-Nitrophenol	ND		52.6	35.6	68	1-129
108-95-2	Phenol	ND		52.6	30.2	57	1-102
58-90-2	2,3,4,6-Tetrachlorophenol	ND		52.6	61.9	118	51-129
95-95-4	2,4,5-Trichlorophenol	ND		52.6	66.5	126	41-131
88-06-2	2,4,6-Trichlorophenol	ND		52.6	64.3	122* [a]	43-121
83-32-9	Acenaphthene	ND		52.6	61.3	116* [a]	40-114
208-96-8	Acenaphthylene	ND		52.6	61.9	118* [a]	36-106
98-86-2	Acetophenone	ND		52.6	59.2	112	33-128
120-12-7	Anthracene	ND		52.6	70.3	134* [a]	54-119
1912-24-9	Atrazine	ND		52.6	56.8	108	31-166
100-52-7	Benzaldehyde	ND		52.6	50.4	96	1-137
56-55-3	Benzo(a)anthracene	ND		52.6	69.0	131* [a]	57-122
50-32-8	Benzo(a)pyrene	ND		52.6	71.5	136* [a]	53-126
205-99-2	Benzo(b)fluoranthene	ND		52.6	69.8	133	50-135
191-24-2	Benzo(g,h,i)perylene	ND		52.6	71.6	136	35-141
207-08-9	Benzo(k)fluoranthene	ND		52.6	70.0	133	37-144
101-55-3	4-Bromophenyl phenyl ether	ND		52.6	66.1	126* [a]	49-121
85-68-7	Butyl benzyl phthalate	ND		52.6	72.3	137* [a]	56-132
92-52-4	1,1'-Biphenyl	ND		52.6	60.2	114	37-120
91-58-7	2-Chloronaphthalene	ND		52.6	62.4	119* [a]	34-115
106-47-8	4-Chloroaniline	ND		52.6	56.3	107	10-108
86-74-8	Carbazole	ND		52.6	74.7	142	49-146
105-60-2	Caprolactam	ND		52.6	20.2	38	1-96
218-01-9	Chrysene	ND		52.6	69.2	131* [a]	55-125
111-91-1	bis(2-Chloroethoxy)methane	ND		52.6	62.1	118	37-119
111-44-4	bis(2-Chloroethyl)ether	ND		52.6	60.6	115	32-122
108-60-1	bis(2-Chloroisopropyl)ether	ND		52.6	54.6	104	34-112

Matrix Spike Summary

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP17687-MS	F44530.D	1	08/17/04	NAP	08/11/04	OP17687	EF2403
N74646-1	F44529.D	1	08/17/04	NAP	08/11/04	OP17687	EF2403

The QC reported here applies to the following samples: **Method:** SW846 8270C

N74646-1, N74646-2, N74646-3, N74646-4, N74646-5, N74646-6, N74646-8, N74646-9, N74646-10, N74646-11, N74646-12, N74646-13

CAS No.	Compound	N74646-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
7005-72-3	4-Chlorophenyl phenyl ether	ND		52.6	63.7	121* [a]	43-118
121-14-2	2,4-Dinitrotoluene	ND		52.6	71.2	135* [a]	50-125
606-20-2	2,6-Dinitrotoluene	ND		52.6	72.4	138* [a]	45-124
91-94-1	3,3'-Dichlorobenzidine	ND		52.6	75.4	143	1-145
123-91-1	1,4-Dioxane	ND		52.6	26.2	50	1-86
53-70-3	Dibenzo(a,h)anthracene	ND		52.6	73.1	139* [a]	40-138
132-64-9	Dibenzofuran	ND		52.6	66.9	127* [a]	42-119
84-74-2	Di-n-butyl phthalate	ND		52.6	72.7	138* [a]	54-131
117-84-0	Di-n-octyl phthalate	ND		52.6	69.0	131	49-151
84-66-2	Diethyl phthalate	ND		52.6	72.6	138* [a]	49-123
131-11-3	Dimethyl phthalate	ND		52.6	67.7	129* [a]	39-124
117-81-7	bis(2-Ethylhexyl)phthalate	ND		52.6	68.9	131	51-140
206-44-0	Fluoranthene	ND		52.6	69.2	131* [a]	52-129
86-73-7	Fluorene	ND		52.6	66.3	126* [a]	43-116
118-74-1	Hexachlorobenzene	ND		52.6	64.9	123* [a]	49-121
87-68-3	Hexachlorobutadiene	ND		52.6	52.5	100	30-126
77-47-4	Hexachlorocyclopentadiene	ND		105	104	99	1-109
67-72-1	Hexachloroethane	ND		52.6	47.7	91	22-113
193-39-5	Indeno(1,2,3-cd)pyrene	ND		52.6	71.9	137	40-139
78-59-1	Isophorone	ND		52.6	60.7	115	34-116
91-57-6	2-Methylnaphthalene	ND		52.6	60.3	115	28-123
88-74-4	2-Nitroaniline	ND		52.6	65.8	125	30-135
99-09-2	3-Nitroaniline	ND		52.6	67.6	128	15-134
100-01-6	4-Nitroaniline	ND		52.6	75.0	143	18-153
91-20-3	Naphthalene	ND		52.6	53.9	102	22-120
98-95-3	Nitrobenzene	ND		52.6	59.1	112	31-118
621-64-7	N-Nitroso-di-n-propylamine	ND		52.6	60.9	116	32-125
86-30-6	N-Nitrosodiphenylamine	ND		52.6	64.7	123	49-131
85-01-8	Phenanthrene	ND		52.6	67.0	127* [a]	51-117
129-00-0	Pyrene	ND		52.6	69.7	132* [a]	54-122
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		52.6	60.5	115* [a]	59-109

CAS No.	Surrogate Recoveries	MS	N74646-1	Limits
367-12-4	2-Fluorophenol	70%	62%	10-88%

Matrix Spike Summary

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP17687-MS	F44530.D	1	08/17/04	NAP	08/11/04	OP17687	EF2403
N74646-1	F44529.D	1	08/17/04	NAP	08/11/04	OP17687	EF2403

The QC reported here applies to the following samples: **Method:** SW846 8270C

N74646-1, N74646-2, N74646-3, N74646-4, N74646-5, N74646-6, N74646-8, N74646-9, N74646-10, N74646-11, N74646-12, N74646-13

CAS No.	Surrogate Recoveries	MS	N74646-1	Limits
4165-62-2	Phenol-d5	50%	37%	10-71%
118-79-6	2,4,6-Tribromophenol	121%	102%	45-134%
4165-60-0	Nitrobenzene-d5	106%	101%	32-128%
321-60-8	2-Fluorobiphenyl	113%	101%	34-121%
1718-51-0	Terphenyl-d14	127%	119%	41-129%

(a) Outside the QC limits. No associated samples been reported postive for this compound.

Blank Spike/Blank Spike Duplicate Summary

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP17687-BS1	F44527.D	1	08/17/04	NAP	08/11/04	OP17687	EF2403
OP17687-BSD	F44531.D	1	08/17/04	NAP	08/11/04	OP17687	EF2403

The QC reported here applies to the following samples: **Method:** SW846 8270C

N74646-1, N74646-2, N74646-3, N74646-4, N74646-5, N74646-6, N74646-8, N74646-9, N74646-10, N74646-11, N74646-12, N74646-13

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
95-57-8	2-Chlorophenol	50	49.7	99	49.6	99	0	49-101/30
59-50-7	4-Chloro-3-methyl phenol	50	57.8	116* [a]	55.9	112* [a]	3	52-111/30
120-83-2	2,4-Dichlorophenol	50	55.9	112* [a]	52.5	105	6	54-110/30
105-67-9	2,4-Dimethylphenol	50	44.3	89	41.5	83	7	40-108/30
51-28-5	2,4-Dinitrophenol	100	105	105	101	101	4	32-129/30
534-52-1	4,6-Dinitro-o-cresol	50	56.2	112	58.5	117	4	49-125/30
95-48-7	2-Methylphenol	50	49.4	99* [a]	50.2	100* [a]	2	40-98/30
	3&4-Methylphenol	50	47.0	94	46.8	94	0	32-97/30
88-75-5	2-Nitrophenol	50	47.4	95	46.9	94	1	50-112/30
100-02-7	4-Nitrophenol	50	28.0	56	28.1	56	0	1-88/30
108-95-2	Phenol	50	25.6	51	28.1	56	9	1-84/30
58-90-2	2,3,4,6-Tetrachlorophenol	50	55.1	110	52.3	105	5	55-119/30
95-95-4	2,4,5-Trichlorophenol	50	56.2	112	55.7	111	1	57-118/30
88-06-2	2,4,6-Trichlorophenol	50	55.5	111	56.4	113	2	55-114/30
83-32-9	Acenaphthene	50	53.1	106	51.5	103	3	53-109/30
208-96-8	Acenaphthylene	50	53.5	107* [a]	50.5	101	6	48-101/30
98-86-2	Acetophenone	50	54.0	108	51.5	103	5	52-116/30
120-12-7	Anthracene	50	61.0	122* [a]	62.5	125* [a]	2	61-113/30
1912-24-9	Atrazine	50	49.4	99	51.7	103	5	48-161/30
100-52-7	Benzaldehyde	50	44.5	89	44.1	88	1	1-130/30
56-55-3	Benzo(a)anthracene	50	59.1	118* [a]	63.3	127* [a]	7	62-115/30
50-32-8	Benzo(a)pyrene	50	60.1	120* [a]	63.2	126* [a]	5	60-118/30
205-99-2	Benzo(b)fluoranthene	50	58.6	117	64.6	129* [a]	10	58-122/30
191-24-2	Benzo(g,h,i)perylene	50	62.3	125	65.5	131	5	52-131/30
207-08-9	Benzo(k)fluoranthene	50	60.9	122	60.8	122	0	51-131/30
101-55-3	4-Bromophenyl phenyl ether	50	57.4	115	59.1	118* [a]	3	57-115/30
85-68-7	Butyl benzyl phthalate	50	63.1	126* [a]	68.4	137* [a]	8	61-124/30
92-52-4	1,1'-Biphenyl	50	51.8	104	50.0	100	4	50-116/30
91-58-7	2-Chloronaphthalene	50	52.1	104	51.1	102	2	50-109/30
106-47-8	4-Chloroaniline	50	51.2	102	51.2	102	0	27-115/30
86-74-8	Carbazole	50	65.4	131	67.6	135* [a]	3	60-133/30
105-60-2	Caprolactam	50	15.0	30	16.8	34	11	1-76/30
218-01-9	Chrysene	50	61.1	122* [a]	65.4	131* [a]	7	61-118/30
111-91-1	bis(2-Chloroethoxy)methane	50	60.3	121* [a]	56.4	113	7	50-115/30
111-44-4	bis(2-Chloroethyl)ether	50	55.2	110	53.3	107	4	45-113/30
108-60-1	bis(2-Chloroisopropyl)ether	50	51.9	104	49.1	98	6	46-109/30

Blank Spike/Blank Spike Duplicate Summary

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP17687-BS1	F44527.D	1	08/17/04	NAP	08/11/04	OP17687	EF2403
OP17687-BSD	F44531.D	1	08/17/04	NAP	08/11/04	OP17687	EF2403

The QC reported here applies to the following samples: **Method:** SW846 8270C

N74646-1, N74646-2, N74646-3, N74646-4, N74646-5, N74646-6, N74646-8, N74646-9, N74646-10, N74646-11, N74646-12, N74646-13

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
7005-72-3	4-Chlorophenyl phenyl ether	50	55.2	110	53.3	107	4	54-115/30
121-14-2	2,4-Dinitrotoluene	50	63.9	128* [a]	61.8	124* [a]	3	62-118/30
606-20-2	2,6-Dinitrotoluene	50	63.7	127* [a]	63.0	126* [a]	1	57-118/30
91-94-1	3,3'-Dichlorobenzidine	50	60.4	121	64.7	129	7	39-131/30
123-91-1	1,4-Dioxane	50	21.7	43	35.5	71	48* [a]	1-73/30
53-70-3	Dibenzo(a,h)anthracene	50	62.9	126	65.1	130	3	53-130/30
132-64-9	Dibenzofuran	50	57.7	115	55.8	112	3	55-115/30
84-74-2	Di-n-butyl phthalate	50	63.1	126* [a]	63.2	126* [a]	0	61-125/30
117-84-0	Di-n-octyl phthalate	50	59.2	118	61.5	123	4	55-140/30
84-66-2	Diethyl phthalate	50	61.4	123* [a]	59.6	119* [a]	3	57-118/30
131-11-3	Dimethyl phthalate	50	59.3	119	58.0	116	2	45-123/30
117-81-7	bis(2-Ethylhexyl)phthalate	50	58.1	116	61.4	123	6	57-128/30
206-44-0	Fluoranthene	50	58.7	117	60.7	121	3	60-122/30
86-73-7	Fluorene	50	58.1	116* [a]	56.3	113* [a]	3	54-112/30
118-74-1	Hexachlorobenzene	50	56.8	114	58.4	117* [a]	3	58-114/30
87-68-3	Hexachlorobutadiene	50	45.2	90	43.4	87	4	41-116/30
77-47-4	Hexachlorocyclopentadiene	100	86.4	86	81.4	81	6	19-107/30
67-72-1	Hexachloroethane	50	42.5	85	40.0	80	6	36-104/30
193-39-5	Indeno(1,2,3-cd)pyrene	50	62.5	125	65.6	131	5	52-131/30
78-59-1	Isophorone	50	55.9	112	54.2	108	3	46-113/30
91-57-6	2-Methylnaphthalene	50	53.0	106	49.4	99	7	47-109/30
88-74-4	2-Nitroaniline	50	53.9	108	57.4	115	6	53-122/30
99-09-2	3-Nitroaniline	50	58.9	118	57.8	116	2	43-127/30
100-01-6	4-Nitroaniline	50	63.9	128	60.9	122	5	47-140/30
91-20-3	Naphthalene	50	48.5	97	45.1	90	7	44-105/30
98-95-3	Nitrobenzene	50	56.3	113* [a]	53.6	107	5	46-108/30
621-64-7	N-Nitroso-di-n-propylamine	50	55.3	111	53.7	107	3	50-117/30
86-30-6	N-Nitrosodiphenylamine	50	56.2	112	59.8	120	6	60-121/30
85-01-8	Phenanthrene	50	58.8	118* [a]	60.4	121* [a]	3	59-110/30
129-00-0	Pyrene	50	59.4	119* [a]	65.7	131* [a]	10	60-115/30
95-94-3	1,2,4,5-Tetrachlorobenzene	50	52.1	104	50.5	101	3	46-105/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
367-12-4	2-Fluorophenol	67%	72%	10-88%

Blank Spike/Blank Spike Duplicate Summary

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP17687-BS1	F44527.D	1	08/17/04	NAP	08/11/04	OP17687	EF2403
OP17687-BSD	F44531.D	1	08/17/04	NAP	08/11/04	OP17687	EF2403

The QC reported here applies to the following samples: **Method:** SW846 8270C

N74646-1, N74646-2, N74646-3, N74646-4, N74646-5, N74646-6, N74646-8, N74646-9, N74646-10, N74646-11, N74646-12, N74646-13

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
4165-62-2	Phenol-d5	44%	52%	10-71%
118-79-6	2,4,6-Tribromophenol	119%	123%	45-134%
4165-60-0	Nitrobenzene-d5	104%	101%	32-128%
321-60-8	2-Fluorobiphenyl	105%	101%	34-121%
1718-51-0	Terphenyl-d14	116%	125%	41-129%

(a) Outside the QC limits. No associated samples been reported postive for this compound.

Method Blank Summary

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP17687-MB1	F44553.D	1	08/18/04	NAP	08/11/04	OP17687	EF2404

The QC reported here applies to the following samples: **Method:** SW846 8270C

N74646-1, N74646-2, N74646-3, N74646-4, N74646-5, N74646-6, N74646-8, N74646-9, N74646-10, N74646-11, N74646-12, N74646-13

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	4.3	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	4.7	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	0.73	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	1.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	1.1	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	20	0.65	ug/l	
95-48-7	2-Methylphenol	ND	5.0	0.72	ug/l	
	3&4-Methylphenol	ND	5.0	0.70	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	0.73	ug/l	
100-02-7	4-Nitrophenol	ND	20	2.3	ug/l	
108-95-2	Phenol	ND	5.0	1.8	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	1.3	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.74	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.80	ug/l	
83-32-9	Acenaphthene	ND	2.0	0.30	ug/l	
208-96-8	Acenaphthylene	ND	2.0	0.35	ug/l	
98-86-2	Acetophenone	ND	5.0	0.53	ug/l	
120-12-7	Anthracene	ND	2.0	0.22	ug/l	
1912-24-9	Atrazine	ND	5.0	1.5	ug/l	
100-52-7	Benzaldehyde	ND	5.0	3.6	ug/l	
56-55-3	Benzo(a)anthracene	ND	2.0	0.27	ug/l	
50-32-8	Benzo(a)pyrene	ND	2.0	0.38	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	2.0	0.37	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	2.0	0.50	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	2.0	0.37	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.54	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.54	ug/l	
92-52-4	1,1'-Biphenyl	ND	2.0	0.29	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	0.38	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.43	ug/l	
86-74-8	Carbazole	ND	2.0	0.34	ug/l	
105-60-2	Caprolactam	ND	2.0	0.44	ug/l	
218-01-9	Chrysene	ND	2.0	0.26	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.34	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.49	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.0	0.44	ug/l	

Method Blank Summary

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP17687-MB1	F44553.D	1	08/18/04	NAP	08/11/04	OP17687	EF2404

The QC reported here applies to the following samples: **Method:** SW846 8270C

N74646-1, N74646-2, N74646-3, N74646-4, N74646-5, N74646-6, N74646-8, N74646-9, N74646-10, N74646-11, N74646-12, N74646-13

CAS No.	Compound	Result	RL	MDL	Units	Q
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.0	0.78	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.0	0.62	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	0.39	ug/l	
123-91-1	1,4-Dioxane	ND	2.0	1.3	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	2.0	0.58	ug/l	
132-64-9	Dibenzofuran	ND	5.0	0.49	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.79	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	0.63	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	1.4	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.58	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	0.74	ug/l	
206-44-0	Fluoranthene	ND	2.0	0.63	ug/l	
86-73-7	Fluorene	ND	2.0	0.89	ug/l	
118-74-1	Hexachlorobenzene	ND	2.0	1.2	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.41	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	20	0.45	ug/l	
67-72-1	Hexachloroethane	ND	5.0	0.67	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.0	1.5	ug/l	
78-59-1	Isophorone	ND	2.0	0.54	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.0	0.72	ug/l	
88-74-4	2-Nitroaniline	ND	5.0	1.4	ug/l	
99-09-2	3-Nitroaniline	ND	5.0	1.2	ug/l	
100-01-6	4-Nitroaniline	ND	5.0	1.1	ug/l	
91-20-3	Naphthalene	ND	2.0	1.0	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.61	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	0.50	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.80	ug/l	
85-01-8	Phenanthrene	ND	2.0	0.23	ug/l	
129-00-0	Pyrene	ND	2.0	0.58	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	5.0	0.63	ug/l	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	52%	10-88%

Method Blank Summary

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP17687-MB1	F44553.D	1	08/18/04	NAP	08/11/04	OP17687	EF2404

The QC reported here applies to the following samples: **Method:** SW846 8270C

N74646-1, N74646-2, N74646-3, N74646-4, N74646-5, N74646-6, N74646-8, N74646-9, N74646-10, N74646-11, N74646-12, N74646-13

CAS No.	Surrogate Recoveries		Limits
4165-62-2	Phenol-d5	28%	10-71%
118-79-6	2,4,6-Tribromophenol	87%	45-134%
4165-60-0	Nitrobenzene-d5	80%	32-128%
321-60-8	2-Fluorobiphenyl	77%	34-121%
1718-51-0	Terphenyl-d14	90%	41-129%

Instrument Performance Check (DFTPP)

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC

Sample: EF2402-DFTPP **Injection Date:** 08/16/04
Lab File ID: F44504.D **Injection Time:** 13:51
Instrument ID: GCMSF

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	11629	39.9		Pass
68	Less than 2.0% of mass 69	0	0.0	(0.0) [a]	Pass
69	Mass 69 relative abundance	13576	46.6		Pass
70	Less than 2.0% of mass 69	66	0.23	(0.49) [a]	Pass
127	40.0 - 60.0% of mass 198	14695	50.5		Pass
197	Less than 1.0% of mass 198	2	0.01		Pass
198	Base peak, 100% relative abundance	29112	100.0		Pass
199	5.0 - 9.0% of mass 198	2193	7.5		Pass
275	10.0 - 30.0% of mass 198	8671	29.8		Pass
365	1.0 - 100.0% of mass 198	2458	8.4		Pass
441	Present, but less than mass 443	3670	12.6	(79.2) [b]	Pass
442	40.0 - 100.0% of mass 198	22985	79.0		Pass
443	17.0 - 23.0% of mass 442	4634	15.9	(20.2) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
EF2402-ICC2402	F44505.D	08/16/04	14:06	00:15	Initial cal 50
EF2402-IC2402	F44506.D	08/16/04	14:44	00:53	Initial cal 100
EF2402-IC2402	F44510.D	08/16/04	15:23	01:32	Initial cal 5
EF2402-IC2402	F44511.D	08/16/04	15:59	02:08	Initial cal 2
EF2402-IC2402	F44507.D	08/16/04	16:36	02:45	Initial cal 80
EF2402-IC2402	F44508.D	08/16/04	18:24	04:33	Initial cal 25
EF2402-IC2402	F44509.D	08/16/04	19:01	05:10	Initial cal 10
EF2402-IC2402	F44513.D	08/16/04	20:13	06:22	Initial cal 50
EF2402-IC2402	F44514.D	08/16/04	20:49	06:58	Initial cal 100
EF2402-IC2402	F44515.D	08/16/04	21:25	07:34	Initial cal 80
EF2402-IC2402	F44516.D	08/16/04	22:01	08:10	Initial cal 25
EF2402-IC2402	F44517.D	08/16/04	22:37	08:46	Initial cal 10
EF2402-IC2402	F44518.D	08/16/04	23:13	09:22	Initial cal 5
EF2402-IC2402	F44519.D	08/16/04	23:49	09:58	Initial cal 2
ZZZZZZ	F44520.D	08/17/04	00:25	10:34	(unrelated sample)
ZZZZZZ	F44521.D	08/17/04	01:01	11:10	(unrelated sample)
OP17679-MB1	F44522.D	08/17/04	01:36	11:45	Method Blank

Instrument Performance Check (DFTPP)

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC

Sample:	EF2403-DFTPP	**Injection Date:**	08/17/04
Lab File ID:	F44523.D	**Injection Time:**	14:05
Instrument ID:	GCMSF		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
51	30.0 - 60.0% of mass 198	13846	40.5	Pass
68	Less than 2.0% of mass 69	53	0.16 (0.31) [a]	Pass
69	Mass 69 relative abundance	17150	50.2	Pass
70	Less than 2.0% of mass 69	44	0.13 (0.26) [a]	Pass
127	40.0 - 60.0% of mass 198	17351	50.8	Pass
197	Less than 1.0% of mass 198	0	0.0	Pass
198	Base peak, 100% relative abundance	34176	100.0	Pass
199	5.0 - 9.0% of mass 198	2396	7.0	Pass
275	10.0 - 30.0% of mass 198	9693	28.4	Pass
365	1.0 - 100.0% of mass 198	1905	5.6	Pass
441	Present, but less than mass 443	4541	13.3 (86.7) [b]	Pass
442	40.0 - 100.0% of mass 198	27128	79.4	Pass
443	17.0 - 23.0% of mass 442	5236	15.3 (19.3) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
EF2403-CC2402	F44524.D	08/17/04	14:20	00:15	Continuing cal 50
EF2403-CC2402	F44525.D	08/17/04	14:56	00:51	Continuing cal 50
OP17687-BS1	F44527.D	08/17/04	16:09	02:04	Blank Spike
OP17679-BS1	F44528.D	08/17/04	17:21	03:16	Blank Spike
N74646-1	F44529.D	08/17/04	17:57	03:52	RW0804-658-LAKEVIEWDR
OP17687-MS	F44530.D	08/17/04	18:34	04:29	Matrix Spike
OP17687-BSD	F44531.D	08/17/04	19:10	05:05	Blank Spike Duplicate
N74646-2	F44532.D	08/17/04	19:46	05:41	RW0804-653-LAKEVIEWDR
N74646-3	F44533.D	08/17/04	20:22	06:17	RW0804-652-LAKEVIEWDR
N74646-4	F44534.D	08/17/04	20:58	06:53	RWB0804-3536-FLETCHERSWAY
N74646-5	F44535.D	08/17/04	21:34	07:29	RW0804-NCNG
N74646-6	F44536.D	08/17/04	22:10	08:05	RW0804-FIELDDUP1
N74646-8	F44537.D	08/17/04	22:46	08:41	RW0804-CAMPBARHAM
N74646-9	F44538.D	08/17/04	23:21	09:16	RW0804-4051-RANGERD
N74646-10	F44539.D	08/17/04	23:57	09:52	RW0804-CAMPEASON
N74646-11	F44540.D	08/18/04	00:33	10:28	RW0804-750-LITTLEMOUNTAIN
N74646-12	F44541.D	08/18/04	01:10	11:05	RW0804-191-FALCONLANE
N74646-13	F44542.D	08/18/04	01:45	11:40	RW0804-4149-RANGERD
ZZZZZZ	F44544.D	08/18/04	02:21	12:16	(unrelated sample)

Instrument Performance Check (DFTPP)

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC

Sample:	EF2403-DFTPP	**Injection Date:**	08/17/04
Lab File ID:	F44523.D	**Injection Time:**	14:05
Instrument ID:	GCMSF		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ZZZZZZ	F44545.D	08/18/04	02:57	12:52	(unrelated sample)
ZZZZZZ	F44546.D	08/18/04	03:33	13:28	(unrelated sample)
ZZZZZZ	F44547.D	08/18/04	04:08	14:03	(unrelated sample)
ZZZZZZ	F44548.D	08/18/04	04:44	14:39	(unrelated sample)

Instrument Performance Check (DFTPP)

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC

Sample:	EF2404-DFTPP	**Injection Date:**	08/18/04
Lab File ID:	F44550.D	**Injection Time:**	08:45
Instrument ID:	GCMSF		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	19522	34.7		Pass
68	Less than 2.0% of mass 69	266	0.47	(1.0) [a]	Pass
69	Mass 69 relative abundance	26456	47.1		Pass
70	Less than 2.0% of mass 69	0	0.0	(0.0) [a]	Pass
127	40.0 - 60.0% of mass 198	27432	48.8		Pass
197	Less than 1.0% of mass 198	0	0.0		Pass
198	Base peak, 100% relative abundance	56216	100.0		Pass
199	5.0 - 9.0% of mass 198	3782	6.7		Pass
275	10.0 - 30.0% of mass 198	16863	30.0		Pass
365	1.0 - 100.0% of mass 198	4802	8.5		Pass
441	Present, but less than mass 443	6842	12.2	(87.4) [b]	Pass
442	40.0 - 100.0% of mass 198	44386	79.0		Pass
443	17.0 - 23.0% of mass 442	7828	13.9	(17.6) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
EF2404-CC2402	F44551.D	08/18/04	09:10	00:25	Continuing cal 25
EF2404-CC2402	F44552.D	08/18/04	09:46	01:01	Continuing cal 50
OP17687-MB1	F44553.D	08/18/04	10:22	01:37	Method Blank
OP17702-MB1	F44554.D	08/18/04	10:58	02:13	Method Blank
OP17702-BS1	F44555.D	08/18/04	11:35	02:50	Blank Spike
ZZZZZZ	F44556.D	08/18/04	12:11	03:26	(unrelated sample)
ZZZZZZ	F44557.D	08/18/04	12:47	04:02	(unrelated sample)
ZZZZZZ	F44558.D	08/18/04	13:24	04:39	(unrelated sample)
ZZZZZZ	F44559.D	08/18/04	14:01	05:16	(unrelated sample)
ZZZZZZ	F44560.D	08/18/04	14:37	05:52	(unrelated sample)
ZZZZZZ	F44561.D	08/18/04	15:13	06:28	(unrelated sample)
ZZZZZZ	F44562.D	08/18/04	15:50	07:05	(unrelated sample)
N74914-9	F44563.D	08/18/04	16:26	07:41	(used for QC only; not part of job N74646)
ZZZZZZ	F44564.D	08/18/04	17:03	08:18	(unrelated sample)
ZZZZZZ	F44565.D	08/18/04	17:39	08:54	(unrelated sample)
ZZZZZZ	F44566.D	08/18/04	18:16	09:31	(unrelated sample)
ZZZZZZ	F44567.D	08/18/04	18:52	10:07	(unrelated sample)
ZZZZZZ	F44568.D	08/18/04	19:28	10:43	(unrelated sample)
ZZZZZZ	F44569.D	08/18/04	20:05	11:20	(unrelated sample)

Instrument Performance Check (DFTPP)

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC

Sample:	EF2404-DFTPP	**Injection Date:**	08/18/04
Lab File ID:	F44550.D	**Injection Time:**	08:45
Instrument ID:	GCMSF		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
OP17679-MB4	F44570.D	08/18/04	21:09	12:24	Method Blank
OP17679-BS4	F44571.D	08/18/04	21:46	13:01	Blank Spike
OP17679-MB2	F44574.D	08/18/04	22:22	13:37	Method Blank
ZZZZZZ	F44575.D	08/18/04	22:58	14:13	(unrelated sample)
ZZZZZZ	F44572.D	08/18/04	23:34	14:49	(unrelated sample)
ZZZZZZ	F44573.D	08/19/04	00:10	15:25	(unrelated sample)

Semivolatile Internal Standard Area Summary

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC

Check Std:	EF2403-CC2402	**Injection Date:**	08/17/04
Lab File ID:	F44524.D	**Injection Time:**	14:20
Instrument ID:	GCMSF	**Method:**	SW846 8270C

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
Check Std	48267	6.22	183991	8.84	114072	12.91	243931	16.38	311172	21.93	205915	24.24
Upper Limit [a]	96534	6.72	367982	9.34	228144	13.41	487862	16.88	622344	22.43	411830	24.74
Lower Limit [b]	24134	5.72	91996	8.34	57036	12.41	121966	15.88	155586	21.43	102958	23.74

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
OP17687-BS1	30997	6.22	121374	8.84	77777	12.91	167207	16.37	217892	21.93	141523	24.23
OP17679-BS1	40690	6.22	153300	8.83	95512	12.91	202952	16.38	267311	21.93	177785	24.24
N74646-1	44447	6.22	165360	8.84	102933	12.91	197305	16.37	249499	21.93	169208	24.23
OP17687-MS	34829	6.22	135307	8.84	82774	12.91	179880	16.38	232342	21.93	151986	24.24
OP17687-BSD	35606	6.22	137446	8.84	83205	12.91	163324	16.38	197840	21.93	129768	24.24
N74646-2	29823	6.22	115490	8.84	69881	12.90	134727	16.37	172516	21.93	118320	24.23
N74646-3	33396	6.22	127854	8.83	78335	12.91	155631	16.37	195395	21.93	135810	24.23
N74646-4	40842	6.22	150554	8.83	91727	12.91	183457	16.37	233871	21.93	162254	24.23
N74646-5	44069	6.22	165684	8.83	100623	12.91	186116	16.37	228549	21.93	155658	24.23
N74646-6	26287	6.22	100643	8.84	62297	12.91	123975	16.37	159981	21.93	110980	24.23
N74646-8	35667	6.22	129763	8.84	79828	12.91	160550	16.37	199459	21.93	140669	24.23
N74646-9	40959	6.22	154846	8.83	93976	12.90	190457	16.37	243210	21.93	173837	24.23
N74646-10	32719	6.22	127845	8.83	79367	12.91	155453	16.37	199075	21.93	138173	24.23
N74646-11	38891	6.22	147595	8.83	88719	12.90	176694	16.37	226860	21.93	155412	24.23
N74646-12	33813	6.22	126080	8.83	79719	12.91	160087	16.37	203678	21.93	142132	24.23
N74646-13	38908	6.22	148258	8.84	88460	12.91	171008	16.37	210395	21.93	142406	24.23
ZZZZZZ	38570	6.22	148427	8.83	91193	12.91	181557	16.37	238138	21.93	171844	24.23
ZZZZZZ	28545	6.22	118700	8.84	83559	12.91	171478	16.38	205398	21.93	149443	24.23
ZZZZZZ	32358	6.22	126602	8.83	78811	12.90	154171	16.37	198468	21.93	141196	24.23
ZZZZZZ	43112	6.22	162291	8.83	97020	12.91	187529	16.37	238819	21.93	166062	24.23
ZZZZZZ	49780	6.23	282803	8.84	118757	12.92	239126	16.38	283668	21.93	200096	24.23

IS 1 = 1,4-Dichlorobenzene-d4
IS 2 = Naphthalene-d8
IS 3 = Acenaphthene-D10
IS 4 = Phenanthrene-d10
IS 5 = Chrysene-d12
IS 6 = Perylene-d12

(a) Upper Limit = +100% of check standard area; Retention time +0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Semivolatile Internal Standard Area Summary

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC

Check Std:	EF2404-CC2402	**Injection Date:**	08/18/04
Lab File ID:	F44551.D	**Injection Time:**	09:10
Instrument ID:	GCMSF	**Method:**	SW846 8270C

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
Check Std	45008	6.22	167966	8.84	105045	12.91	204780	16.37	263403	21.93	179212	24.24
Upper Limit [a]	90016	6.72	335932	9.34	210090	13.41	409560	16.87	526806	22.43	358424	24.74
Lower Limit [b]	22504	5.72	83983	8.34	52523	12.41	102390	15.87	131702	21.43	89606	23.74

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
OP17687-MB1	46811	6.22	174308	8.84	108743	12.91	210037	16.37	282548	21.93	199626	24.23
OP17702-MB1	46066	6.22	169765	8.83	106676	12.90	208470	16.37	282896	21.93	202113	24.23
OP17702-BS1	37791	6.22	145313	8.83	91477	12.91	189177	16.37	256192	21.93	168752	24.23
ZZZZZZ	40913	6.22	150806	8.83	92811	12.90	181794	16.37	231614	21.93	163208	24.23
ZZZZZZ	49936	6.22	184393	8.84	110502	12.91	217195	16.37	284013	21.92	194696	24.24
ZZZZZZ	36607	6.22	135320	8.84	82162	12.91	159015	16.37	205179	21.92	145647	24.23
ZZZZZZ	41472	6.22	158697	8.84	100654	12.91	192679	16.37	256711	21.92	183074	24.23
ZZZZZZ	33671	6.22	129715	8.83	79594	12.91	153899	16.37	201651	21.92	140330	24.24
ZZZZZZ	41760	6.22	165325	8.84	105570	12.91	204292	16.37	260452	21.93	185712	24.24
ZZZZZZ	43590	6.22	159773	8.84	98454	12.91	194479	16.37	253798	21.92	180997	24.24
N74914-9	39849	6.22	155503	8.84	95778	12.91	186079	16.37	244450	21.92	172764	24.24
ZZZZZZ	42344	6.22	160830	8.84	98884	12.91	191980	16.37	251496	21.92	179272	24.24
ZZZZZZ	41401	6.22	159913	8.84	101712	12.91	196997	16.37	255003	21.92	182061	24.24
ZZZZZZ	31953	6.22	123829	8.83	76347	12.91	149530	16.37	195093	21.92	137806	24.23
ZZZZZZ	41596	6.22	157552	8.83	96163	12.91	189682	16.37	253533	21.92	177856	24.23
ZZZZZZ	33806	6.22	126145	8.83	77219	12.91	153050	16.37	199919	21.92	139782	24.23
ZZZZZZ	44085	6.22	160368	8.84	100077	12.91	194068	16.37	250054	21.92	178250	24.23
OP17679-MB4	42679	6.22	155067	8.84	94727	12.91	184554	16.37	248342	21.92	174032	24.23
OP17679-BS4	36500	6.22	138296	8.84	88585	12.91	185397	16.37	246374	21.92	164742	24.23
OP17679-MB2	45937	6.22	173187	8.84	108920	12.91	210683	16.37	277998	21.92	192055	24.23
ZZZZZZ	32299	6.22	120912	8.84	78117	12.91	150664	16.37	199144	21.92	141311	24.23
ZZZZZZ	49682	6.22	172836	8.84	106617	12.91	208940	16.37	271142	21.92	198871	24.23
ZZZZZZ	48556	6.22	189084	8.84	112904	12.91	224454	16.37	293890	21.92	209045	24.23

IS 1 = 1,4-Dichlorobenzene-d4
IS 2 = Naphthalene-d8
IS 3 = Acenaphthene-D10
IS 4 = Phenanthrene-d10
IS 5 = Chrysene-d12
IS 6 = Perylene-d12

(a) Upper Limit = +100% of check standard area; Retention time +0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-658-LAKEVIEWDR		
Lab Sample ID:	N74646-1	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F44529.D	1	08/17/04	NAP	08/11/04	OP17687	EF2403
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	4.3	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	4.7	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	0.73	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	1.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	1.1	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	20	0.65	ug/l	
95-48-7	2-Methylphenol	ND	5.0	0.72	ug/l	
	3&4-Methylphenol	ND	5.0	0.70	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	0.73	ug/l	
100-02-7	4-Nitrophenol	ND	20	2.3	ug/l	
108-95-2	Phenol	ND	5.0	1.8	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	1.3	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.74	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.80	ug/l	
83-32-9	Acenaphthene	ND	2.0	0.30	ug/l	
208-96-8	Acenaphthylene	ND	2.0	0.35	ug/l	
98-86-2	Acetophenone	ND	5.0	0.53	ug/l	
120-12-7	Anthracene	ND	2.0	0.22	ug/l	
1912-24-9	Atrazine	ND	5.0	1.5	ug/l	
100-52-7	Benzaldehyde	ND	5.0	3.6	ug/l	
56-55-3	Benzo(a)anthracene	ND	2.0	0.27	ug/l	
50-32-8	Benzo(a)pyrene	ND	2.0	0.38	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	2.0	0.37	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	2.0	0.50	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	2.0	0.37	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.54	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.54	ug/l	
92-52-4	1,1'-Biphenyl	ND	2.0	0.29	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	0.38	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.43	ug/l	
86-74-8	Carbazole	ND	2.0	0.34	ug/l	
105-60-2	Caprolactam	ND	2.0	0.44	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-658-LAKEVIEWDR		
Lab Sample ID:	N74646-1	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	2.0	0.26	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.34	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.49	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.0	0.44	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.0	0.78	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.0	0.62	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	0.39	ug/l	
123-91-1	**1,4-Dioxane**	ND	2.0	1.3	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	2.0	0.58	ug/l	
132-64-9	Dibenzofuran	ND	5.0	0.49	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.79	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	0.63	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	1.4	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.58	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	0.74	ug/l	
206-44-0	Fluoranthene	ND	2.0	0.63	ug/l	
86-73-7	Fluorene	ND	2.0	0.89	ug/l	
118-74-1	Hexachlorobenzene	ND	2.0	1.2	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.41	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	20	0.45	ug/l	
67-72-1	Hexachloroethane	ND	5.0	0.67	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.0	1.5	ug/l	
78-59-1	Isophorone	ND	2.0	0.54	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.0	0.72	ug/l	
88-74-4	2-Nitroaniline	ND	5.0	1.4	ug/l	
99-09-2	3-Nitroaniline	ND	5.0	1.2	ug/l	
100-01-6	4-Nitroaniline	ND	5.0	1.1	ug/l	
91-20-3	Naphthalene	ND	2.0	1.0	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.61	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	0.50	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.80	ug/l	
85-01-8	Phenanthrene	ND	2.0	0.23	ug/l	
129-00-0	Pyrene	ND	2.0	0.58	ug/l	
95-94-3	**1,2,4,5-Tetrachlorobenzene**	ND	5.0	0.63	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	62%		10-88%
4165-62-2	Phenol-d5	37%		10-71%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-658-LAKEVIEWDR		
Lab Sample ID:	N74646-1	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

ABN TCL List (CLP4.2 list)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	102%		45-134%
4165-60-0	Nitrobenzene-d5	101%		32-128%
321-60-8	2-Fluorobiphenyl	101%		34-121%
1718-51-0	Terphenyl-d14	119%		41-129%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2403\F44529.D Vial: 7
Acq On : 17 Aug 2004 5:57 pm Operator: NINAP
Sample : N74646-1 Inst : MSF
Misc : OP17679,EF2403,1000 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 18:25:26 2004 Quant Results File: MF2402.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 16:17:39 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.22	152	44447	40.00	ppb	-0.01
25) Naphthalene-d8	8.84	136	165360	40.00	ppb	-0.01
48) Acenaphthene-d10	12.91	164	102933	40.00	ppb	-0.01
70) Phenanthrene-d10	16.37	188	197305	40.00	ppb	-0.02
85) Chrysene-d12	21.93	240	249499	40.00	ppb	-0.02
95) Perylene-d12	24.23	264	169208	40.00	ppb	-0.02
106) 1,4-Dichlorobenzene-d4A	6.22	152	44447	40.00	ppb	0.00
108) Acenaphthene-d10A	12.91	164	102933	40.00	ppb	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.22	112	38601	30.89	ppb	-0.01
Spiked Amount 50.000			Recovery = 61.78%			
8) Phenol-d5	5.71	99	31756	18.74	ppb	0.00
Spiked Amount 50.000			Recovery = 37.48%			
26) Nitrobenzene-d5	7.37	82	105354	50.71	ppb	-0.01
Spiked Amount 50.000			Recovery = 101.42%			
52) 2-Fluorobiphenyl	11.40	172	196714	50.72	ppb	-0.01
Spiked Amount 50.000			Recovery = 101.44%			
75) 2,4,6-Tribromophenol	14.81	330	30113	50.84	ppb	-0.02
Spiked Amount 50.000			Recovery = 101.68%			
88) Terphenyl-d14	20.04	244	312280	59.65	ppb	-0.01
Spiked Amount 50.000			Recovery = 119.30%			

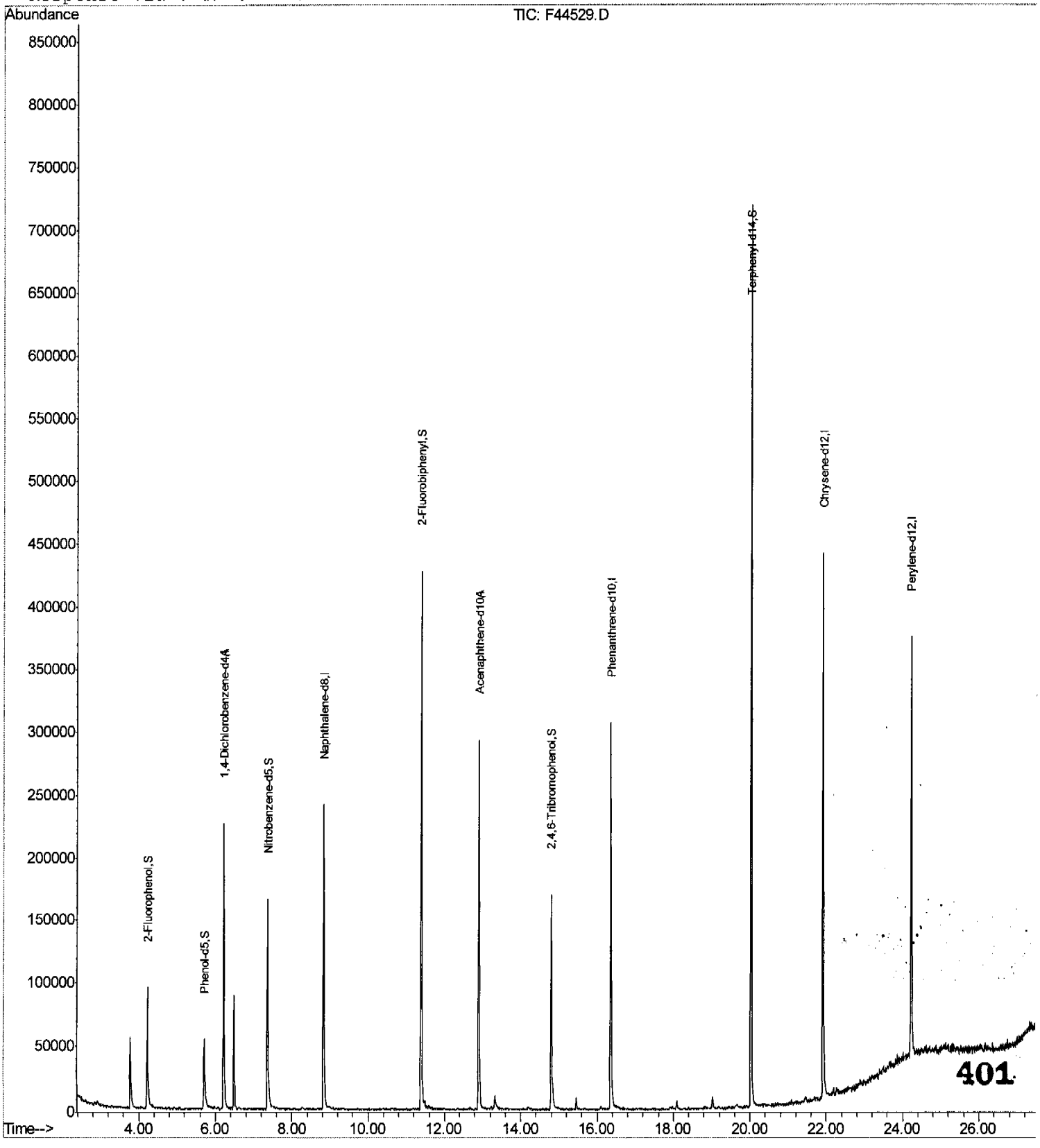
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2403\F44529.D Vial: 7
Acq On : 17 Aug 2004 5:57 pm Operator: NINAP
Sample : N74646-1 Inst : MSF
Misc : OP17679,EF2403,1000 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 18 8:16 2004 Quant Results File: MF2402.RES

Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 16:17:39 2004
Response via : Initial Calibration



Report of Analysis

Client Sample ID:	RW0804-653-LAKEVIEWDR		
Lab Sample ID:	N74646-2	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F44532.D	1	08/17/04	NAP	08/11/04	OP17687	EF2403
Run #2							

	Initial Volume	Final Volume
Run #1	820 ml	1.0 ml
Run #2		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	6.1	5.2	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	6.1	5.8	ug/l	
120-83-2	2,4-Dichlorophenol	ND	6.1	0.89	ug/l	
105-67-9	2,4-Dimethylphenol	ND	6.1	1.2	ug/l	
51-28-5	2,4-Dinitrophenol	ND	24	1.3	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	24	0.79	ug/l	
95-48-7	2-Methylphenol	ND	6.1	0.88	ug/l	
	3&4-Methylphenol	ND	6.1	0.86	ug/l	
88-75-5	2-Nitrophenol	ND	6.1	0.89	ug/l	
100-02-7	4-Nitrophenol	ND	24	2.7	ug/l	
108-95-2	Phenol	ND	6.1	2.1	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	6.1	1.5	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	6.1	0.91	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	6.1	0.98	ug/l	
83-32-9	Acenaphthene	ND	2.4	0.36	ug/l	
208-96-8	Acenaphthylene	ND	2.4	0.42	ug/l	
98-86-2	Acetophenone	ND	6.1	0.65	ug/l	
120-12-7	Anthracene	ND	2.4	0.26	ug/l	
1912-24-9	Atrazine	ND	6.1	1.8	ug/l	
100-52-7	Benzaldehyde	ND	6.1	4.4	ug/l	
56-55-3	Benzo(a)anthracene	ND	2.4	0.33	ug/l	
50-32-8	Benzo(a)pyrene	ND	2.4	0.47	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	2.4	0.45	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	2.4	0.61	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	2.4	0.46	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.4	0.66	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.4	0.65	ug/l	
92-52-4	1,1'-Biphenyl	ND	2.4	0.35	ug/l	
91-58-7	2-Chloronaphthalene	ND	6.1	0.46	ug/l	
106-47-8	4-Chloroaniline	ND	6.1	0.52	ug/l	
86-74-8	Carbazole	ND	2.4	0.41	ug/l	
105-60-2	Caprolactam	ND	2.4	0.54	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-653-LAKEVIEWDR		
Lab Sample ID:	N74646-2	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	2.4	0.32	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.4	0.41	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.4	0.59	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.4	0.54	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.4	1.2	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.4	0.95	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.4	0.76	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	6.1	0.47	ug/l	
123-91-1	**1,4-Dioxane**	ND	2.4	1.6	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	2.4	0.71	ug/l	
132-64-9	Dibenzofuran	ND	6.1	0.60	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.4	0.96	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.4	0.77	ug/l	
84-66-2	Diethyl phthalate	ND	2.4	1.7	ug/l	
131-11-3	Dimethyl phthalate	ND	2.4	0.70	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.4	0.90	ug/l	
206-44-0	Fluoranthene	ND	2.4	0.77	ug/l	
86-73-7	Fluorene	ND	2.4	1.1	ug/l	
118-74-1	Hexachlorobenzene	ND	2.4	1.4	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.4	0.50	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	24	0.55	ug/l	
67-72-1	Hexachloroethane	ND	6.1	0.81	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.4	1.9	ug/l	
78-59-1	Isophorone	ND	2.4	0.66	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.4	0.88	ug/l	
88-74-4	2-Nitroaniline	ND	6.1	1.7	ug/l	
99-09-2	3-Nitroaniline	ND	6.1	1.5	ug/l	
100-01-6	4-Nitroaniline	ND	6.1	1.3	ug/l	
91-20-3	Naphthalene	ND	2.4	1.2	ug/l	
98-95-3	Nitrobenzene	ND	2.4	0.74	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.4	0.61	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	6.1	0.97	ug/l	
85-01-8	Phenanthrene	ND	2.4	0.28	ug/l	
129-00-0	Pyrene	ND	2.4	0.71	ug/l	
95-94-3	**1,2,4,5-Tetrachlorobenzene**	ND	6.1	0.76	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	58%		10-88%
4165-62-2	Phenol-d5	39%		10-71%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-653-LAKEVIEWDR		
Lab Sample ID:	N74646-2	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

ABN TCL List (CLP4.2 list)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	88%		45-134%
4165-60-0	Nitrobenzene-d5	83%		32-128%
321-60-8	2-Fluorobiphenyl	83%		34-121%
1718-51-0	Terphenyl-d14	116%		41-129%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2403\F44532.D Vial: 10
Acq On : 17 Aug 2004 7:46 pm Operator: NINAP
Sample : N74646-2 Inst : MSF
Misc : OP17687,EF2403,820 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 20:14:16 2004 Quant Results File: MF2402.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 16:17:39 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.22	152	29823	40.00 ppb	-0.01
25) Naphthalene-d8	8.84	136	115490	40.00 ppb	-0.01
48) Acenaphthene-d10	12.90	164	69881	40.00 ppb	-0.02
70) Phenanthrene-d10	16.37	188	134727	40.00 ppb	-0.02
85) Chrysene-d12	21.93	240	172516	40.00 ppb	-0.02
95) Perylene-d12	24.23	264	118320	40.00 ppb	-0.02
106) 1,4-Dichlorobenzene-d4A	6.22	152	29823	40.00 ppb	0.00
108) Acenaphthene-d10A	12.90	164	69881	40.00 ppb	-0.02

System Monitoring Compounds					
5) 2-Fluorophenol	4.23	112	24176	28.84 ppb	0.00
Spiked Amount 50.000			Recovery = 57.68%		
8) Phenol-d5	5.71	99	21985	19.33 ppb	0.00
Spiked Amount 50.000			Recovery = 38.66%		
26) Nitrobenzene-d5	7.37	82	60334	41.58 ppb	0.00
Spiked Amount 50.000			Recovery = 83.16%		
52) 2-Fluorobiphenyl	11.39	172	108715	41.29 ppb	-0.02
Spiked Amount 50.000			Recovery = 82.58%		
75) 2,4,6-Tribromophenol	14.81	330	17799	44.01 ppb	-0.02
Spiked Amount 50.000			Recovery = 88.02%		
88) Terphenyl-d14	20.04	244	209469	57.87 ppb	-0.02
Spiked Amount 50.000			Recovery = 115.74%		

Target Compounds Qvalue

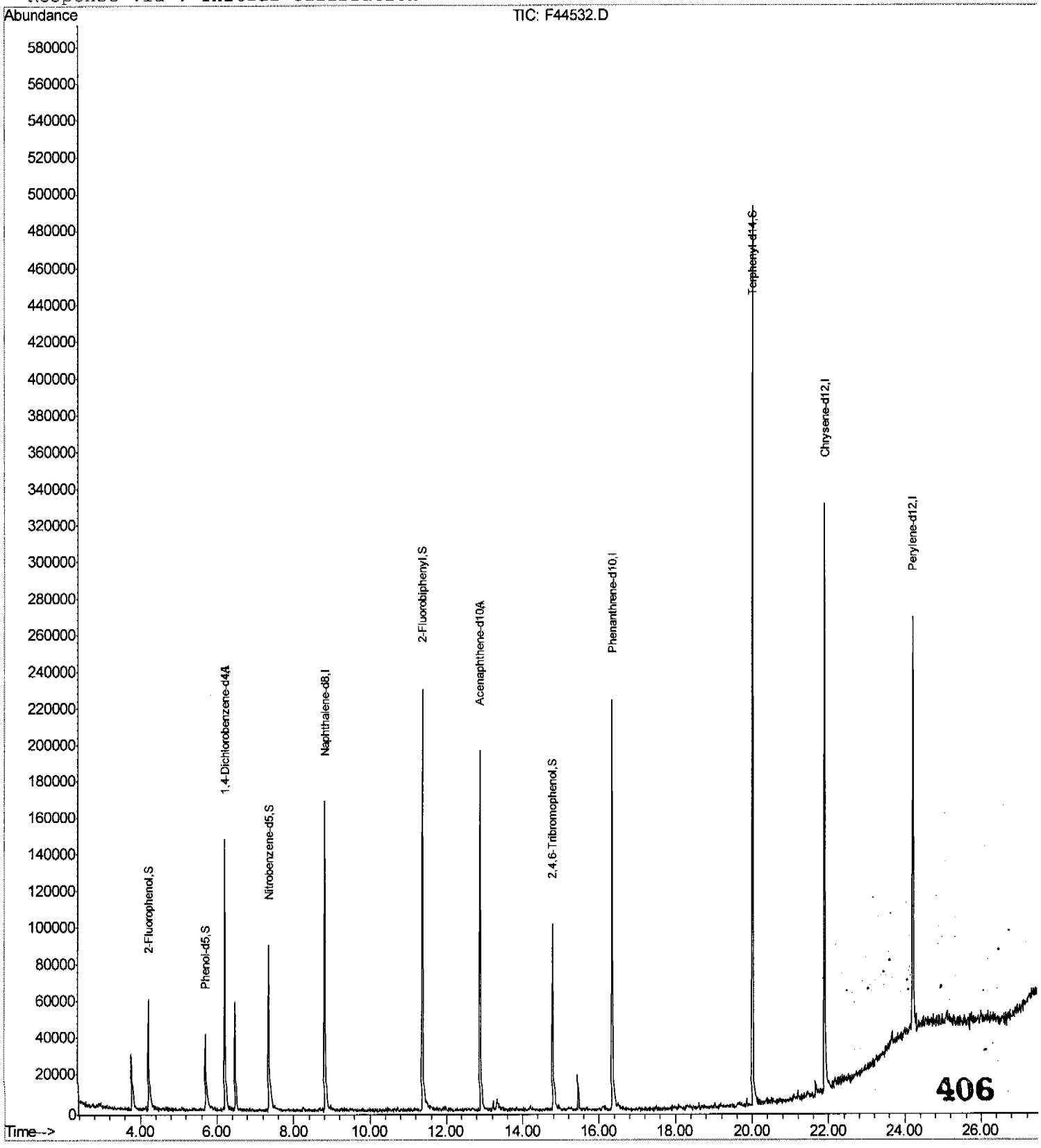
(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2403\F44532.D
Acq On : 17 Aug 2004 7:46 pm
Sample : N74646-2
Misc : OP17687,EF2403,820
MS Integration Params: LSCINT.P
Quant Time: Aug 18 8:16 2004

Vial: 10
Operator: NINAP
Inst : MSF
Multiplr: 1.00
Quant Results File: MF2402.RES

Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 16:17:39 2004
Response via : Initial Calibration



Report of Analysis

Client Sample ID:	RW0804-652-LAKEVIEWDR		
Lab Sample ID:	N74646-3	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F44533.D	1	08/17/04	NAP	08/11/04	OP17687	EF2403
Run #2							

	Initial Volume	Final Volume
Run #1	800 ml	1.0 ml
Run #2		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	6.3	5.3	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	6.3	5.9	ug/l	
120-83-2	2,4-Dichlorophenol	ND	6.3	0.91	ug/l	
105-67-9	2,4-Dimethylphenol	ND	6.3	1.3	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	1.3	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	25	0.81	ug/l	
95-48-7	2-Methylphenol	ND	6.3	0.90	ug/l	
	3&4-Methylphenol	ND	6.3	0.88	ug/l	
88-75-5	2-Nitrophenol	ND	6.3	0.91	ug/l	
100-02-7	4-Nitrophenol	ND	25	2.8	ug/l	
108-95-2	Phenol	ND	6.3	2.2	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	6.3	1.6	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	6.3	0.93	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	6.3	1.0	ug/l	
83-32-9	Acenaphthene	ND	2.5	0.37	ug/l	
208-96-8	Acenaphthylene	ND	2.5	0.43	ug/l	
98-86-2	Acetophenone	ND	6.3	0.67	ug/l	
120-12-7	Anthracene	ND	2.5	0.27	ug/l	
1912-24-9	Atrazine	ND	6.3	1.9	ug/l	
100-52-7	Benzaldehyde	ND	6.3	4.5	ug/l	
56-55-3	Benzo(a)anthracene	ND	2.5	0.34	ug/l	
50-32-8	Benzo(a)pyrene	ND	2.5	0.48	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	2.5	0.46	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	2.5	0.62	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	2.5	0.47	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.5	0.67	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.5	0.67	ug/l	
92-52-4	1,1'-Biphenyl	ND	2.5	0.36	ug/l	
91-58-7	2-Chloronaphthalene	ND	6.3	0.47	ug/l	
106-47-8	4-Chloroaniline	ND	6.3	0.53	ug/l	
86-74-8	Carbazole	ND	2.5	0.42	ug/l	
105-60-2	Caprolactam	ND	2.5	0.55	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-652-LAKEVIEWDR		
Lab Sample ID:	N74646-3	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	2.5	0.33	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.5	0.42	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.5	0.61	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.5	0.55	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.5	1.3	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.5	0.97	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.5	0.78	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	6.3	0.49	ug/l	
123-91-1	**1,4-Dioxane**	ND	2.5	1.7	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	2.5	0.72	ug/l	
132-64-9	Dibenzofuran	ND	6.3	0.61	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.5	0.98	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.5	0.79	ug/l	
84-66-2	Diethyl phthalate	ND	2.5	1.8	ug/l	
131-11-3	Dimethyl phthalate	ND	2.5	0.72	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.5	0.92	ug/l	
206-44-0	Fluoranthene	ND	2.5	0.79	ug/l	
86-73-7	Fluorene	ND	2.5	1.1	ug/l	
118-74-1	Hexachlorobenzene	ND	2.5	1.5	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.5	0.52	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	25	0.56	ug/l	
67-72-1	Hexachloroethane	ND	6.3	0.83	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.5	1.9	ug/l	
78-59-1	Isophorone	ND	2.5	0.67	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.5	0.90	ug/l	
88-74-4	2-Nitroaniline	ND	6.3	1.7	ug/l	
99-09-2	3-Nitroaniline	ND	6.3	1.5	ug/l	
100-01-6	4-Nitroaniline	ND	6.3	1.4	ug/l	
91-20-3	Naphthalene	ND	2.5	1.3	ug/l	
98-95-3	Nitrobenzene	ND	2.5	0.76	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.5	0.63	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	6.3	0.99	ug/l	
85-01-8	Phenanthrene	ND	2.5	0.29	ug/l	
129-00-0	Pyrene	ND	2.5	0.73	ug/l	
95-94-3	**1,2,4,5-Tetrachlorobenzene**	ND	6.3	0.78	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	72%		10-88%
4165-62-2	Phenol-d5	50%		10-71%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-652-LAKEVIEWDR		
Lab Sample ID:	N74646-3	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

ABN TCL List (CLP4.2 list)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	100%		45-134%
4165-60-0	Nitrobenzene-d5	106%		32-128%
321-60-8	2-Fluorobiphenyl	105%		34-121%
1718-51-0	Terphenyl-d14	120%		41-129%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2403\F44533.D Vial: 11
Acq On : 17 Aug 2004 8:22 pm Operator: NINAP
Sample : N74646-3 Inst : MSF
Misc : OP17687,EF2403,800 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 20:50:17 2004 Quant Results File: MF2402.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 16:17:39 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.22	152	33396	40.00 ppb	-0.01
25) Naphthalene-d8	8.83	136	127854	40.00 ppb	-0.02
48) Acenaphthene-d10	12.91	164	78335	40.00 ppb	-0.01
70) Phenanthrene-d10	16.37	188	155631	40.00 ppb	-0.02
85) Chrysene-d12	21.93	240	195395	40.00 ppb	-0.02
95) Perylene-d12	24.23	264	135810	40.00 ppb	-0.02
106) 1,4-Dichlorobenzene-d4A	6.22	152	33396	40.00 ppb	0.00
108) Acenaphthene-d10A	12.91	164	78335	40.00 ppb	-0.01
System Monitoring Compounds					
5) 2-Fluorophenol	4.22	112	33978	36.19 ppb	-0.01
Spiked Amount 50.000			Recovery = 72.38%		
8) Phenol-d5	5.71	99	31567	24.79 ppb	-0.01
Spiked Amount 50.000			Recovery = 49.58%		
26) Nitrobenzene-d5	7.37	82	84870	52.83 ppb	-0.01
Spiked Amount 50.000			Recovery = 105.66%		
52) 2-Fluorobiphenyl	11.40	172	155451	52.67 ppb	-0.01
Spiked Amount 50.000			Recovery = 105.34%		
75) 2,4,6-Tribromophenol	14.81	330	23415	50.12 ppb	-0.01
Spiked Amount 50.000			Recovery = 100.24%		
88) Terphenyl-d14	20.04	244	246070	60.02 ppb	-0.02
Spiked Amount 50.000			Recovery = 120.04%		

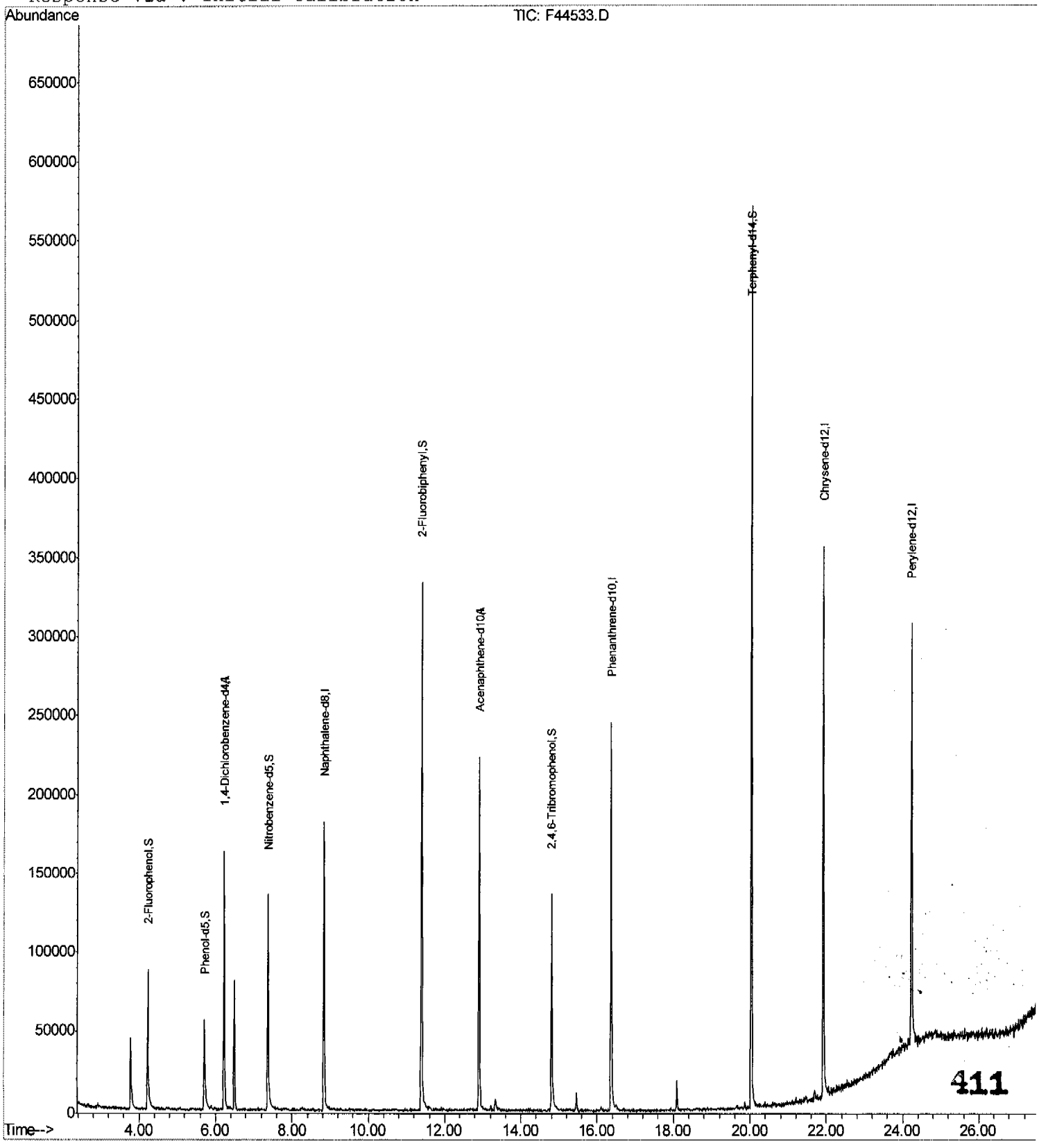
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2403\F44533.D Vial: 11
Acq On : 17 Aug 2004 8:22 pm Operator: NINAP
Sample : N74646-3 Inst : MSF
Misc : OP17687,EF2403,800 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 18 8:17 2004 Quant Results File: MF2402.RES

Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 16:17:39 2004
Response via : Initial Calibration



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Accutest Laboratories

Report of Analysis

Client Sample ID:	RWB0804-3536-FLETCHERSWAY		
Lab Sample ID:	N74646-4	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F44534.D	1	08/17/04	NAP	08/11/04	OP17687	EF2403
Run #2							

	Initial Volume	Final Volume
Run #1	940 ml	1.0 ml
Run #2		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.3	4.5	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.3	5.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.3	0.78	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.3	1.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	21	1.1	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	21	0.69	ug/l	
95-48-7	2-Methylphenol	ND	5.3	0.77	ug/l	
	3&4-Methylphenol	ND	5.3	0.75	ug/l	
88-75-5	2-Nitrophenol	ND	5.3	0.78	ug/l	
100-02-7	4-Nitrophenol	ND	21	2.4	ug/l	
108-95-2	Phenol	ND	5.3	1.9	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.3	1.3	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.3	0.79	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.3	0.85	ug/l	
83-32-9	Acenaphthene	ND	2.1	0.31	ug/l	
208-96-8	Acenaphthylene	ND	2.1	0.37	ug/l	
98-86-2	Acetophenone	ND	5.3	0.57	ug/l	
120-12-7	Anthracene	ND	2.1	0.23	ug/l	
1912-24-9	Atrazine	ND	5.3	1.6	ug/l	
100-52-7	Benzaldehyde	ND	5.3	3.9	ug/l	
56-55-3	Benzo(a)anthracene	ND	2.1	0.29	ug/l	
50-32-8	Benzo(a)pyrene	ND	2.1	0.41	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	2.1	0.39	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	2.1	0.53	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	2.1	0.40	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.1	0.57	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.1	0.57	ug/l	
92-52-4	1,1'-Biphenyl	ND	2.1	0.31	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.3	0.40	ug/l	
106-47-8	4-Chloroaniline	ND	5.3	0.45	ug/l	
86-74-8	Carbazole	ND	2.1	0.36	ug/l	
105-60-2	Caprolactam	ND	2.1	0.47	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RWB0804-3536-FLETCHERSWAY		
Lab Sample ID:	N74646-4	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	2.1	0.28	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.1	0.36	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.1	0.52	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.1	0.47	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.1	1.1	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.1	0.82	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.1	0.66	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.3	0.41	ug/l	
123-91-1	**1,4-Dioxane**	ND	2.1	1.4	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	2.1	0.62	ug/l	
132-64-9	Dibenzofuran	ND	5.3	0.52	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.1	0.84	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.1	0.67	ug/l	
84-66-2	Diethyl phthalate	ND	2.1	1.5	ug/l	
131-11-3	Dimethyl phthalate	ND	2.1	0.61	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.1	0.78	ug/l	
206-44-0	Fluoranthene	ND	2.1	0.67	ug/l	
86-73-7	Fluorene	ND	2.1	0.95	ug/l	
118-74-1	Hexachlorobenzene	ND	2.1	1.3	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.1	0.44	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	21	0.48	ug/l	
67-72-1	Hexachloroethane	ND	5.3	0.71	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.1	1.6	ug/l	
78-59-1	Isophorone	ND	2.1	0.57	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.1	0.77	ug/l	
88-74-4	2-Nitroaniline	ND	5.3	1.5	ug/l	
99-09-2	3-Nitroaniline	ND	5.3	1.3	ug/l	
100-01-6	4-Nitroaniline	ND	5.3	1.1	ug/l	
91-20-3	Naphthalene	ND	2.1	1.1	ug/l	
98-95-3	Nitrobenzene	ND	2.1	0.65	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.1	0.53	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.3	0.85	ug/l	
85-01-8	Phenanthrene	ND	2.1	0.25	ug/l	
129-00-0	Pyrene	ND	2.1	0.62	ug/l	
95-94-3	**1,2,4,5-Tetrachlorobenzene**	ND	5.3	0.67	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	61%		10-88%
4165-62-2	Phenol-d5	38%		10-71%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RWB0804-3536-FLETCHERSWAY		
Lab Sample ID:	N74646-4	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

ABN TCL List (CLP4.2 list)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	95%		45-134%
4165-60-0	Nitrobenzene-d5	103%		32-128%
321-60-8	2-Fluorobiphenyl	105%		34-121%
1718-51-0	Terphenyl-d14	114%		41-129%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2403\F44534.D Vial: 12
Acq On : 17 Aug 2004 8:58 pm Operator: NINAP
Sample : N74646-4 Inst : MSF
Misc : OP17687,EF2403,940 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 21:26:14 2004 Quant Results File: MF2402.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 16:17:39 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.22	152	40842	40.00 ppb	-0.01
25) Naphthalene-d8	8.83	136	150554	40.00 ppb	-0.02
48) Acenaphthene-d10	12.91	164	91727	40.00 ppb	-0.01
70) Phenanthrene-d10	16.37	188	183457	40.00 ppb	-0.02
85) Chrysene-d12	21.93	240	233871	40.00 ppb	-0.02
95) Perylene-d12	24.23	264	162254	40.00 ppb	-0.02
106) 1,4-Dichlorobenzene-d4A	6.22	152	40842	40.00 ppb	0.00
108) Acenaphthene-d10A	12.91	164	91727	40.00 ppb	-0.01
System Monitoring Compounds					
5) 2-Fluorophenol	4.23	112	34951	30.44 ppb	0.00
Spiked Amount 50.000			Recovery = 60.88%		
8) Phenol-d5	5.71	99	29311	18.82 ppb	-0.01
Spiked Amount 50.000			Recovery = 37.64%		
26) Nitrobenzene-d5	7.37	82	96982	51.27 ppb	-0.01
Spiked Amount 50.000			Recovery = 102.54%		
52) 2-Fluorobiphenyl	11.39	172	181190	52.42 ppb	-0.02
Spiked Amount 50.000			Recovery = 104.84%		
75) 2,4,6-Tribromophenol	14.81	330	26036	47.27 ppb	-0.02
Spiked Amount 50.000			Recovery = 94.54%		
88) Terphenyl-d14	20.04	244	279483	56.96 ppb	-0.02
Spiked Amount 50.000			Recovery = 113.92%		

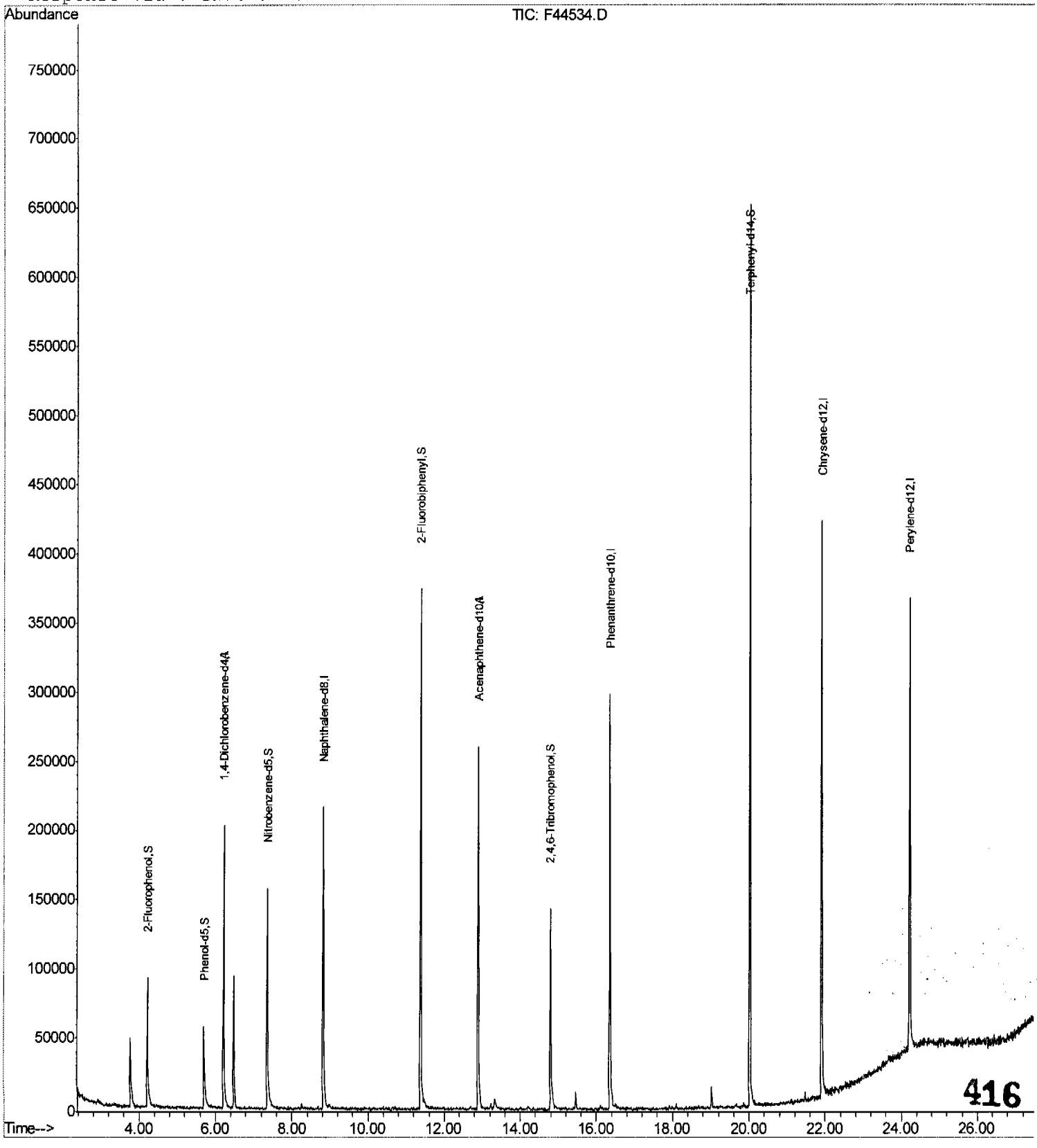
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2403\F44534.D Vial: 12
Acq On : 17 Aug 2004 8:58 pm Operator: NINAP
Sample : N74646-4 Inst : MSF
Misc : OP17687,EF2403,940 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 18 8:17 2004 Quant Results File: MF2402.RES

Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 16:17:39 2004
Response via : Initial Calibration



Report of Analysis

Client Sample ID:	RW0804-NCNG		
Lab Sample ID:	N74646-5	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F44535.D	1	08/17/04	NAP	08/11/04	OP17687	EF2403
Run #2							

	Initial Volume	Final Volume
Run #1	900 ml	1.0 ml
Run #2		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.6	4.7	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.6	5.3	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.6	0.81	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.6	1.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	22	1.2	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	22	0.72	ug/l	
95-48-7	2-Methylphenol	ND	5.6	0.80	ug/l	
	3&4-Methylphenol	ND	5.6	0.78	ug/l	
88-75-5	2-Nitrophenol	ND	5.6	0.81	ug/l	
100-02-7	4-Nitrophenol	ND	22	2.5	ug/l	
108-95-2	Phenol	ND	5.6	1.9	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.6	1.4	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.6	0.83	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.6	0.89	ug/l	
83-32-9	Acenaphthene	ND	2.2	0.33	ug/l	
208-96-8	Acenaphthylene	ND	2.2	0.39	ug/l	
98-86-2	Acetophenone	ND	5.6	0.59	ug/l	
120-12-7	Anthracene	ND	2.2	0.24	ug/l	
1912-24-9	Atrazine	ND	5.6	1.7	ug/l	
100-52-7	Benzaldehyde	ND	5.6	4.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	2.2	0.30	ug/l	
50-32-8	Benzo(a)pyrene	ND	2.2	0.43	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	2.2	0.41	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	2.2	0.55	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	2.2	0.42	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.2	0.60	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.2	0.60	ug/l	
92-52-4	1,1'-Biphenyl	ND	2.2	0.32	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.6	0.42	ug/l	
106-47-8	4-Chloroaniline	ND	5.6	0.47	ug/l	
86-74-8	Carbazole	ND	2.2	0.38	ug/l	
105-60-2	Caprolactam	ND	2.2	0.49	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-NCNG		
Lab Sample ID:	N74646-5	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	2.2	0.29	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.2	0.37	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.2	0.54	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.2	0.49	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.2	1.1	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.2	0.86	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.2	0.69	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.6	0.43	ug/l	
123-91-1	**1,4-Dioxane**	ND	2.2	1.5	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	2.2	0.64	ug/l	
132-64-9	Dibenzofuran	ND	5.6	0.54	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.2	0.87	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.2	0.70	ug/l	
84-66-2	Diethyl phthalate	ND	2.2	1.6	ug/l	
131-11-3	Dimethyl phthalate	ND	2.2	0.64	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.2	0.82	ug/l	
206-44-0	Fluoranthene	ND	2.2	0.70	ug/l	
86-73-7	Fluorene	ND	2.2	0.99	ug/l	
118-74-1	Hexachlorobenzene	ND	2.2	1.3	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.2	0.46	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	22	0.50	ug/l	
67-72-1	Hexachloroethane	ND	5.6	0.74	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.2	1.7	ug/l	
78-59-1	Isophorone	ND	2.2	0.60	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.2	0.80	ug/l	
88-74-4	2-Nitroaniline	ND	5.6	1.5	ug/l	
99-09-2	3-Nitroaniline	ND	5.6	1.4	ug/l	
100-01-6	4-Nitroaniline	ND	5.6	1.2	ug/l	
91-20-3	Naphthalene	ND	2.2	1.1	ug/l	
98-95-3	Nitrobenzene	ND	2.2	0.68	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.2	0.56	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.6	0.88	ug/l	
85-01-8	Phenanthrene	ND	2.2	0.26	ug/l	
129-00-0	Pyrene	ND	2.2	0.65	ug/l	
95-94-3	**1,2,4,5-Tetrachlorobenzene**	ND	5.6	0.70	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	64%		10-88%
4165-62-2	Phenol-d5	43%		10-71%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-NCNG		
Lab Sample ID:	N74646-5	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

ABN TCL List (CLP4.2 list)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	92%		45-134%
4165-60-0	Nitrobenzene-d5	95%		32-128%
321-60-8	2-Fluorobiphenyl	92%		34-121%
1718-51-0	Terphenyl-d14	109%		41-129%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2403\F44535.D Vial: 13
Acq On : 17 Aug 2004 9:34 pm Operator: NINAP
Sample : N74646-5 Inst : MSF
Misc : OP17687,EF2403,900 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 22:02:02 2004 Quant Results File: MF2402.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 16:17:39 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.22	152	44069	40.00	ppb	-0.01
25) Naphthalene-d8	8.83	136	165684	40.00	ppb	-0.02
48) Acenaphthene-d10	12.91	164	100623	40.00	ppb	-0.01
70) Phenanthrene-d10	16.37	188	186116	40.00	ppb	-0.02
85) Chrysene-d12	21.93	240	228549	40.00	ppb	-0.02
95) Perylene-d12	24.23	264	155658	40.00	ppb	-0.02
106) 1,4-Dichlorobenzene-d4A	6.22	152	44069	40.00	ppb	0.00
108) Acenaphthene-d10A	12.91	164	100623	40.00	ppb	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.22	112	39435	31.83	ppb	-0.01
Spiked Amount 50.000			Recovery	=	63.66%	
8) Phenol-d5	5.71	99	36169	21.52	ppb	-0.01
Spiked Amount 50.000			Recovery	=	43.04%	
26) Nitrobenzene-d5	7.37	82	98982	47.55	ppb	-0.01
Spiked Amount 50.000			Recovery	=	95.10%	
52) 2-Fluorobiphenyl	11.39	172	174398	46.00	ppb	-0.02
Spiked Amount 50.000			Recovery	=	92.00%	
75) 2,4,6-Tribromophenol	14.81	330	25651	45.91	ppb	-0.02
Spiked Amount 50.000			Recovery	=	91.82%	
88) Terphenyl-d14	20.04	244	260843	54.40	ppb	-0.02
Spiked Amount 50.000			Recovery	=	108.80%	

Target Compounds Qvalue

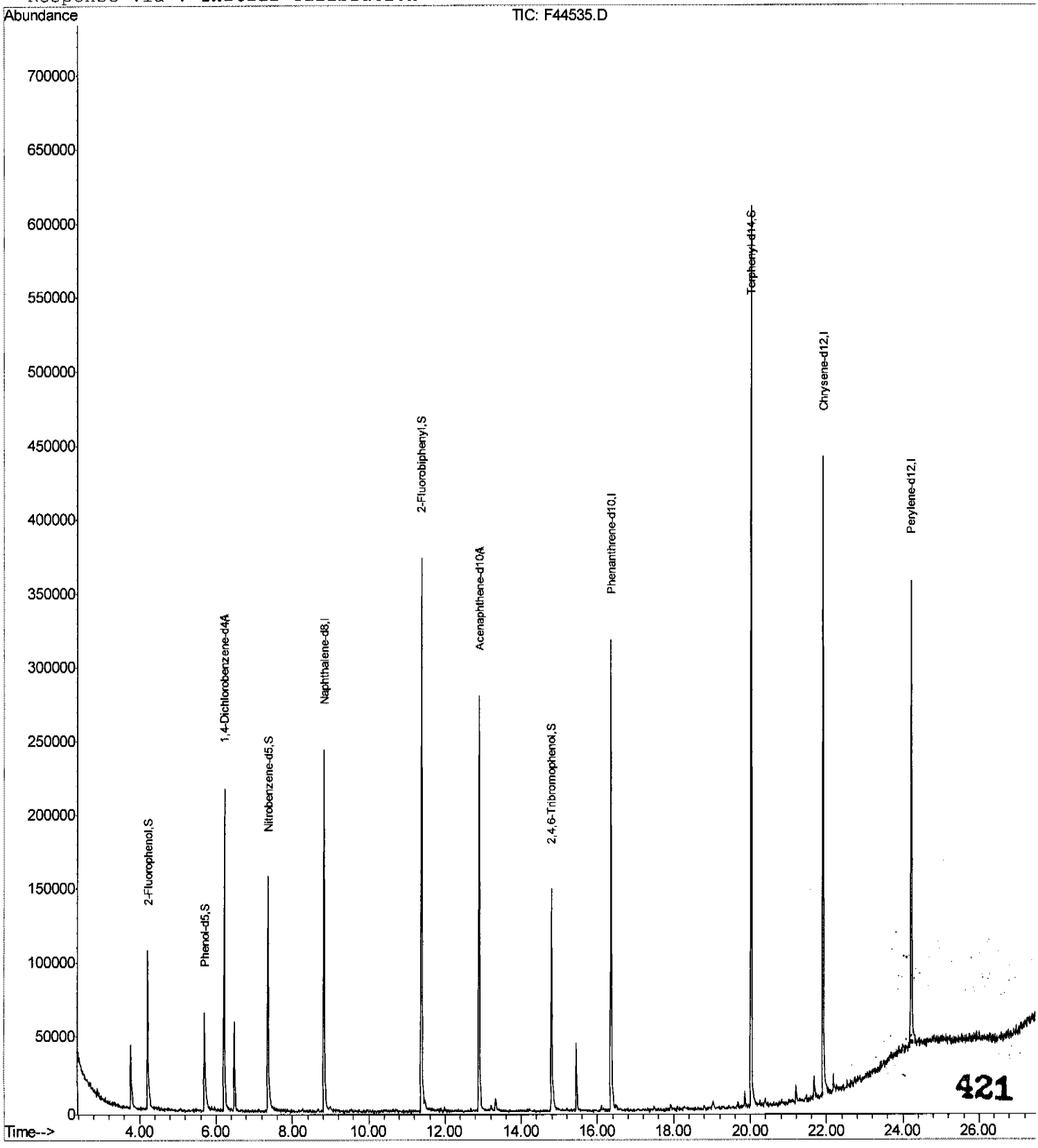
(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2403\F44535.D
Acq On : 17 Aug 2004 9:34 pm
Sample : N74646-5
Misc : OP17687,EF2403,900
MS Integration Params: LSCINT.P
Quant Time: Aug 18 8:19 2004

Vial: 13
Operator: NINAP
Inst : MSF
Multiplr: 1.00
Quant Results File: MF2402.RES

Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 16:17:39 2004
Response via : Initial Calibration



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Report of Analysis

Client Sample ID:	RW0804-FIELDDUP1		
Lab Sample ID:	N74646-6	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F44536.D	1	08/17/04	NAP	08/11/04	OP17687	EF2403
Run #2							

	Initial Volume	Final Volume
Run #1	960 ml	1.0 ml
Run #2		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.2	4.4	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.2	4.9	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.2	0.76	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.2	1.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	21	1.1	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	21	0.68	ug/l	
95-48-7	2-Methylphenol	ND	5.2	0.75	ug/l	
	3&4-Methylphenol	ND	5.2	0.73	ug/l	
88-75-5	2-Nitrophenol	ND	5.2	0.76	ug/l	
100-02-7	4-Nitrophenol	ND	21	2.3	ug/l	
108-95-2	Phenol	ND	5.2	1.8	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.2	1.3	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.2	0.78	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.2	0.83	ug/l	
83-32-9	Acenaphthene	ND	2.1	0.31	ug/l	
208-96-8	Acenaphthylene	ND	2.1	0.36	ug/l	
98-86-2	Acetophenone	ND	5.2	0.56	ug/l	
120-12-7	Anthracene	ND	2.1	0.23	ug/l	
1912-24-9	Atrazine	ND	5.2	1.6	ug/l	
100-52-7	Benzaldehyde	ND	5.2	3.8	ug/l	
56-55-3	Benzo(a)anthracene	ND	2.1	0.29	ug/l	
50-32-8	Benzo(a)pyrene	ND	2.1	0.40	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	2.1	0.38	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	2.1	0.52	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	2.1	0.39	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.1	0.56	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.1	0.56	ug/l	
92-52-4	1,1'-Biphenyl	ND	2.1	0.30	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.2	0.39	ug/l	
106-47-8	4-Chloroaniline	ND	5.2	0.44	ug/l	
86-74-8	Carbazole	ND	2.1	0.35	ug/l	
105-60-2	Caprolactam	ND	2.1	0.46	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-FIELDDUP1		
Lab Sample ID:	N74646-6	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	2.1	0.27	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.1	0.35	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.1	0.51	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.1	0.46	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.1	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.1	0.81	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.1	0.65	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.2	0.41	ug/l	
123-91-1	**1,4-Dioxane**	ND	2.1	1.4	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	2.1	0.60	ug/l	
132-64-9	Dibenzofuran	ND	5.2	0.51	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.1	0.82	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.1	0.66	ug/l	
84-66-2	Diethyl phthalate	ND	2.1	1.5	ug/l	
131-11-3	Dimethyl phthalate	ND	2.1	0.60	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.1	0.77	ug/l	
206-44-0	Fluoranthene	ND	2.1	0.66	ug/l	
86-73-7	Fluorene	ND	2.1	0.93	ug/l	
118-74-1	Hexachlorobenzene	ND	2.1	1.2	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.1	0.43	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	21	0.47	ug/l	
67-72-1	Hexachloroethane	ND	5.2	0.69	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.1	1.6	ug/l	
78-59-1	Isophorone	ND	2.1	0.56	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.1	0.75	ug/l	
88-74-4	2-Nitroaniline	ND	5.2	1.4	ug/l	
99-09-2	3-Nitroaniline	ND	5.2	1.3	ug/l	
100-01-6	4-Nitroaniline	ND	5.2	1.1	ug/l	
91-20-3	Naphthalene	ND	2.1	1.1	ug/l	
98-95-3	Nitrobenzene	ND	2.1	0.64	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.1	0.52	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.2	0.83	ug/l	
85-01-8	Phenanthrene	ND	2.1	0.24	ug/l	
129-00-0	Pyrene	ND	2.1	0.61	ug/l	
95-94-3	**1,2,4,5-Tetrachlorobenzene**	ND	5.2	0.65	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	56%		10-88%
4165-62-2	Phenol-d5	34%		10-71%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-FIELDDUP1		
Lab Sample ID:	N74646-6	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

ABN TCL List (CLP4.2 list)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	96%		45-134%
4165-60-0	Nitrobenzene-d5	89%		32-128%
321-60-8	2-Fluorobiphenyl	86%		34-121%
1718-51-0	Terphenyl-d14	112%		41-129%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2403\F44536.D Vial: 14
Acq On : 17 Aug 2004 10:10 pm Operator: NINAP
Sample : N74646-6 Inst : MSF
Misc : OP17687,EF2403,960 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 22:37:51 2004 Quant Results File: MF2402.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 16:17:39 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.22	152	26287	40.00 ppb	-0.01
25) Naphthalene-d8	8.84	136	100643	40.00 ppb	-0.01
48) Acenaphthene-d10	12.91	164	62297	40.00 ppb	-0.01
70) Phenanthrene-d10	16.37	188	123975	40.00 ppb	-0.02
85) Chrysene-d12	21.93	240	159981	40.00 ppb	-0.02
95) Perylene-d12	24.23	264	110980	40.00 ppb	-0.02
106) 1,4-Dichlorobenzene-d4A	6.22	152	26287	40.00 ppb	0.00
108) Acenaphthene-d10A	12.91	164	62297	40.00 ppb	-0.01
System Monitoring Compounds					
5) 2-Fluorophenol	4.23	112	20656	27.95 ppb	0.00
Spiked Amount 50.000			Recovery = 55.90%		
8) Phenol-d5	5.72	99	17250	17.21 ppb	0.00
Spiked Amount 50.000			Recovery = 34.42%		
26) Nitrobenzene-d5	7.37	82	56199	44.44 ppb	0.00
Spiked Amount 50.000			Recovery = 88.88%		
52) 2-Fluorobiphenyl	11.39	172	101275	43.14 ppb	-0.02
Spiked Amount 50.000			Recovery = 86.28%		
75) 2,4,6-Tribromophenol	14.81	330	17807	47.84 ppb	-0.02
Spiked Amount 50.000			Recovery = 95.68%		
88) Terphenyl-d14	20.04	244	188806	56.25 ppb	-0.02
Spiked Amount 50.000			Recovery = 112.50%		

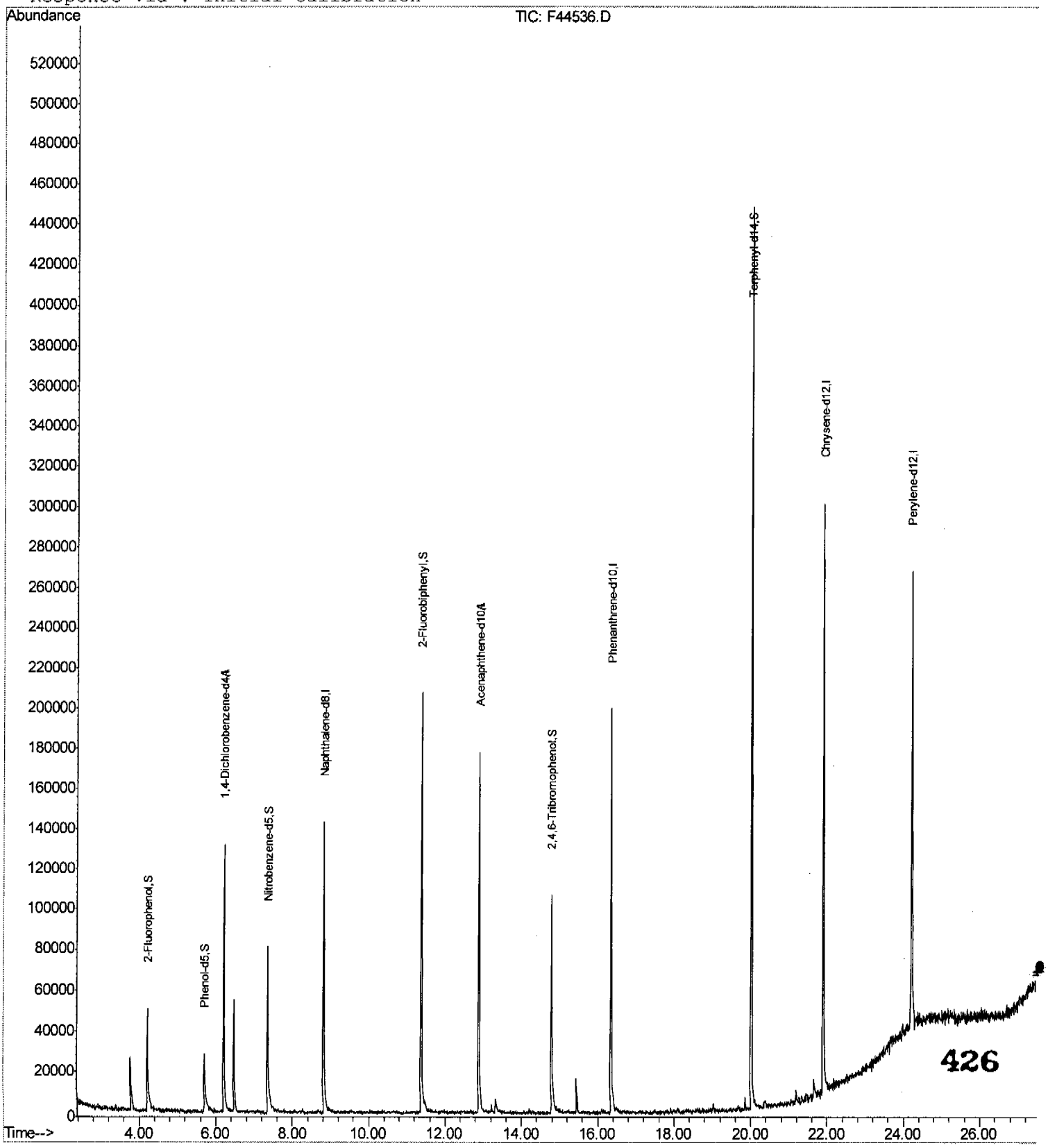
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2403\F44536.D Vial: 14
Acq On : 17 Aug 2004 10:10 pm Operator: NINAP
Sample : N74646-6 Inst : MSF
Misc : OP17687,EF2403,960 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 18 8:19 2004 Quant Results File: MF2402.RES

Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 16:17:39 2004
Response via : Initial Calibration



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Report of Analysis

Client Sample ID:	RW0804-CAMPBARHAM		
Lab Sample ID:	N74646-8	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F44537.D	1	08/17/04	NAP	08/11/04	OP17687	EF2403
Run #2							

	Initial Volume	Final Volume
Run #1	940 ml	1.0 ml
Run #2		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.3	4.5	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.3	5.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.3	0.78	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.3	1.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	21	1.1	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	21	0.69	ug/l	
95-48-7	2-Methylphenol	ND	5.3	0.77	ug/l	
	3&4-Methylphenol	ND	5.3	0.75	ug/l	
88-75-5	2-Nitrophenol	ND	5.3	0.78	ug/l	
100-02-7	4-Nitrophenol	ND	21	2.4	ug/l	
108-95-2	Phenol	ND	5.3	1.9	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.3	1.3	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.3	0.79	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.3	0.85	ug/l	
83-32-9	Acenaphthene	ND	2.1	0.31	ug/l	
208-96-8	Acenaphthylene	ND	2.1	0.37	ug/l	
98-86-2	Acetophenone	ND	5.3	0.57	ug/l	
120-12-7	Anthracene	ND	2.1	0.23	ug/l	
1912-24-9	Atrazine	ND	5.3	1.6	ug/l	
100-52-7	Benzaldehyde	ND	5.3	3.9	ug/l	
56-55-3	Benzo(a)anthracene	ND	2.1	0.29	ug/l	
50-32-8	Benzo(a)pyrene	ND	2.1	0.41	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	2.1	0.39	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	2.1	0.53	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	2.1	0.40	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.1	0.57	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.1	0.57	ug/l	
92-52-4	1,1'-Biphenyl	ND	2.1	0.31	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.3	0.40	ug/l	
106-47-8	4-Chloroaniline	ND	5.3	0.45	ug/l	
86-74-8	Carbazole	ND	2.1	0.36	ug/l	
105-60-2	Caprolactam	ND	2.1	0.47	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-CAMPBARHAM		
Lab Sample ID:	N74646-8	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	2.1	0.28	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.1	0.36	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.1	0.52	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.1	0.47	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.1	1.1	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.1	0.82	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.1	0.66	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.3	0.41	ug/l	
123-91-1	**1,4-Dioxane**	ND	2.1	1.4	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	2.1	0.62	ug/l	
132-64-9	Dibenzofuran	ND	5.3	0.52	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.1	0.84	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.1	0.67	ug/l	
84-66-2	Diethyl phthalate	ND	2.1	1.5	ug/l	
131-11-3	Dimethyl phthalate	ND	2.1	0.61	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.1	0.78	ug/l	
206-44-0	Fluoranthene	ND	2.1	0.67	ug/l	
86-73-7	Fluorene	ND	2.1	0.95	ug/l	
118-74-1	Hexachlorobenzene	ND	2.1	1.3	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.1	0.44	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	21	0.48	ug/l	
67-72-1	Hexachloroethane	ND	5.3	0.71	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.1	1.6	ug/l	
78-59-1	Isophorone	ND	2.1	0.57	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.1	0.77	ug/l	
88-74-4	2-Nitroaniline	ND	5.3	1.5	ug/l	
99-09-2	3-Nitroaniline	ND	5.3	1.3	ug/l	
100-01-6	4-Nitroaniline	ND	5.3	1.1	ug/l	
91-20-3	Naphthalene	ND	2.1	1.1	ug/l	
98-95-3	Nitrobenzene	ND	2.1	0.65	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.1	0.53	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.3	0.85	ug/l	
85-01-8	Phenanthrene	ND	2.1	0.25	ug/l	
129-00-0	Pyrene	ND	2.1	0.62	ug/l	
95-94-3	**1,2,4,5-Tetrachlorobenzene**	ND	5.3	0.67	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	55%		10-88%
4165-62-2	Phenol-d5	38%		10-71%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-CAMPBARHAM		
Lab Sample ID:	N74646-8	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

ABN TCL List (CLP4.2 list)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	85%		45-134%
4165-60-0	Nitrobenzene-d5	92%		32-128%
321-60-8	2-Fluorobiphenyl	93%		34-121%
1718-51-0	Terphenyl-d14	106%		41-129%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method bl
N = Indicates presumptive evidence of a compound

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2403\F44537.D Vial: 15
Acq On : 17 Aug 2004 10:46 pm Operator: NINAP
Sample : N74646-8 Inst : MSF
Misc : OP17687,EF2403,940 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 23:13:49 2004 Quant Results File: MF2402.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 16:17:39 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.22	152	35667	40.00	ppb	-0.01
25) Naphthalene-d8	8.84	136	129763	40.00	ppb	-0.01
48) Acenaphthene-d10	12.91	164	79828	40.00	ppb	-0.01
70) Phenanthrene-d10	16.37	188	160550	40.00	ppb	-0.02
85) Chrysene-d12	21.93	240	199459	40.00	ppb	-0.02
95) Perylene-d12	24.23	264	140669	40.00	ppb	-0.02
106) 1,4-Dichlorobenzene-d4A	6.22	152	35667	40.00	ppb	0.00
108) Acenaphthene-d10A	12.91	164	79828	40.00	ppb	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	4.23	112	27409	27.34	ppb	0.00
Spiked Amount 50.000			Recovery = 54.68%			
8) Phenol-d5	5.71	99	25553	18.79	ppb	0.00
Spiked Amount 50.000			Recovery = 37.58%			
26) Nitrobenzene-d5	7.37	82	74850	45.91	ppb	-0.01
Spiked Amount 50.000			Recovery = 91.82%			
52) 2-Fluorobiphenyl	11.40	172	139136	46.26	ppb	-0.01
Spiked Amount 50.000			Recovery = 92.52%			
75) 2,4,6-Tribromophenol	14.81	330	20484	42.50	ppb	-0.02
Spiked Amount 50.000			Recovery = 85.00%			
88) Terphenyl-d14	20.04	244	222747	53.23	ppb	-0.02
Spiked Amount 50.000			Recovery = 106.46%			

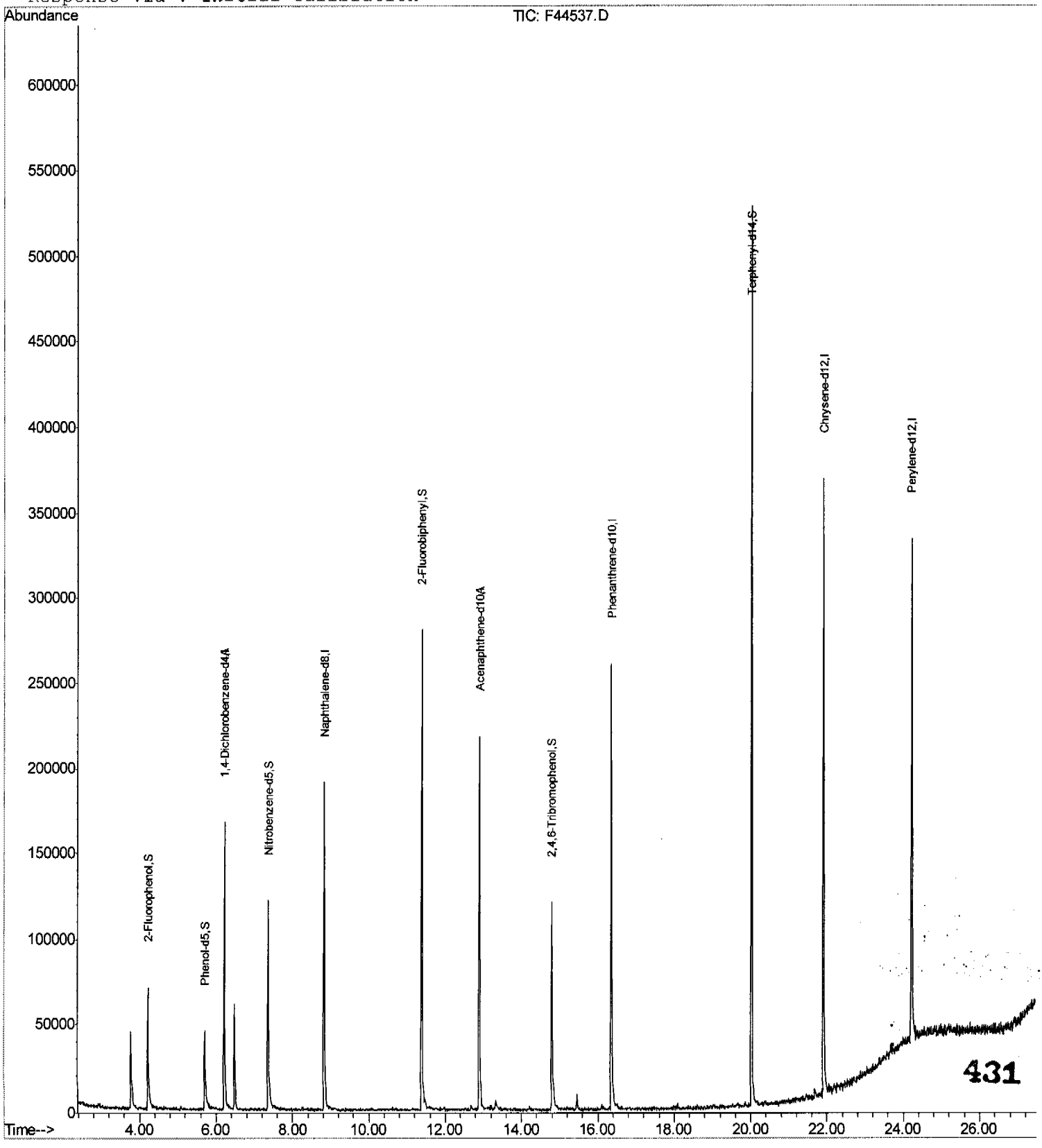
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2403\F44537.D Vial: 15
Acq On : 17 Aug 2004 10:46 pm Operator: NINAP
Sample : N74646-8 Inst : MSF
Misc : OP17687,EF2403,940 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 18 8:20 2004 Quant Results File: MF2402.RES

Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 16:17:39 2004
Response via : Initial Calibration



Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-4051-RANGERD		
Lab Sample ID:	N74646-9	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F44538.D	1	08/17/04	NAP	08/11/04	OP17687	EF2403
Run #2							

	Initial Volume	Final Volume
Run #1	980 ml	1.0 ml
Run #2		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.1	4.3	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.1	4.8	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.1	0.74	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.1	1.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	1.1	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	20	0.66	ug/l	
95-48-7	2-Methylphenol	ND	5.1	0.74	ug/l	
	3&4-Methylphenol	ND	5.1	0.72	ug/l	
88-75-5	2-Nitrophenol	ND	5.1	0.75	ug/l	
100-02-7	4-Nitrophenol	ND	20	2.3	ug/l	
108-95-2	Phenol	ND	5.1	1.8	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.1	1.3	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.1	0.76	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.1	0.82	ug/l	
83-32-9	Acenaphthene	ND	2.0	0.30	ug/l	
208-96-8	Acenaphthylene	ND	2.0	0.35	ug/l	
98-86-2	Acetophenone	ND	5.1	0.54	ug/l	
120-12-7	Anthracene	ND	2.0	0.22	ug/l	
1912-24-9	Atrazine	ND	5.1	1.5	ug/l	
100-52-7	Benzaldehyde	ND	5.1	3.7	ug/l	
56-55-3	Benzo(a)anthracene	ND	2.0	0.28	ug/l	
50-32-8	Benzo(a)pyrene	ND	2.0	0.39	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	2.0	0.38	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	2.0	0.51	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	2.0	0.38	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.55	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.55	ug/l	
92-52-4	1,1'-Biphenyl	ND	2.0	0.29	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.1	0.38	ug/l	
106-47-8	4-Chloroaniline	ND	5.1	0.44	ug/l	
86-74-8	Carbazole	ND	2.0	0.35	ug/l	
105-60-2	Caprolactam	ND	2.0	0.45	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-4051-RANGERD		
Lab Sample ID:	N74646-9	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	2.0	0.27	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.34	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.49	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.0	0.45	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.0	0.79	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.0	0.63	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.1	0.40	ug/l	
123-91-1	**1,4-Dioxane**	ND	2.0	1.3	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	2.0	0.59	ug/l	
132-64-9	Dibenzofuran	ND	5.1	0.50	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.80	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	0.64	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	1.5	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.59	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	0.75	ug/l	
206-44-0	Fluoranthene	ND	2.0	0.65	ug/l	
86-73-7	Fluorene	ND	2.0	0.91	ug/l	
118-74-1	Hexachlorobenzene	ND	2.0	1.2	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.42	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	20	0.46	ug/l	
67-72-1	Hexachloroethane	ND	5.1	0.68	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.0	1.6	ug/l	
78-59-1	Isophorone	ND	2.0	0.55	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.0	0.74	ug/l	
88-74-4	2-Nitroaniline	ND	5.1	1.4	ug/l	
99-09-2	3-Nitroaniline	ND	5.1	1.2	ug/l	
100-01-6	4-Nitroaniline	ND	5.1	1.1	ug/l	
91-20-3	Naphthalene	ND	2.0	1.0	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.62	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	0.51	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.1	0.81	ug/l	
85-01-8	Phenanthrene	ND	2.0	0.24	ug/l	
129-00-0	Pyrene	ND	2.0	0.60	ug/l	
95-94-3	**1,2,4,5-Tetrachlorobenzene**	ND	5.1	0.64	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	59%		10-88%
4165-62-2	Phenol-d5	36%		10-71%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-4051-RANGERD		
Lab Sample ID:	N74646-9	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

ABN TCL List (CLP4.2 list)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	90%		45-134%
4165-60-0	Nitrobenzene-d5	92%		32-128%
321-60-8	2-Fluorobiphenyl	93%		34-121%
1718-51-0	Terphenyl-d14	108%		41-129%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2403\F44538.D Vial: 16
Acq On : 17 Aug 2004 11:21 pm Operator: NINAP
Sample : N74646-9 Inst : MSF
Misc : OP17687,EF2403,980 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 23:49:38 2004 Quant Results File: MF2402.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 16:17:39 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.22	152	40959	40.00	ppb	-0.01
25) Naphthalene-d8	8.83	136	154846	40.00	ppb	-0.02
48) Acenaphthene-d10	12.90	164	93976	40.00	ppb	-0.02
70) Phenanthrene-d10	16.37	188	190457	40.00	ppb	-0.02
85) Chrysene-d12	21.93	240	243210	40.00	ppb	-0.02
95) Perylene-d12	24.23	264	173837	40.00	ppb	-0.02
106) 1,4-Dichlorobenzene-d4A	6.22	152	40959	40.00	ppb	0.00
108) Acenaphthene-d10A	12.90	164	93976	40.00	ppb	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.23	112	34037	29.56	ppb	0.00
Spiked Amount 50.000			Recovery = 59.12%			
8) Phenol-d5	5.71	99	28126	18.01	ppb	0.00
Spiked Amount 50.000			Recovery = 36.02%			
26) Nitrobenzene-d5	7.37	82	89167	45.83	ppb	-0.01
Spiked Amount 50.000			Recovery = 91.66%			
52) 2-Fluorobiphenyl	11.39	172	164353	46.41	ppb	-0.02
Spiked Amount 50.000			Recovery = 92.82%			
75) 2,4,6-Tribromophenol	14.81	330	25817	45.15	ppb	-0.02
Spiked Amount 50.000			Recovery = 90.30%			
88) Terphenyl-d14	20.04	244	275078	53.91	ppb	-0.02
Spiked Amount 50.000			Recovery = 107.82%			

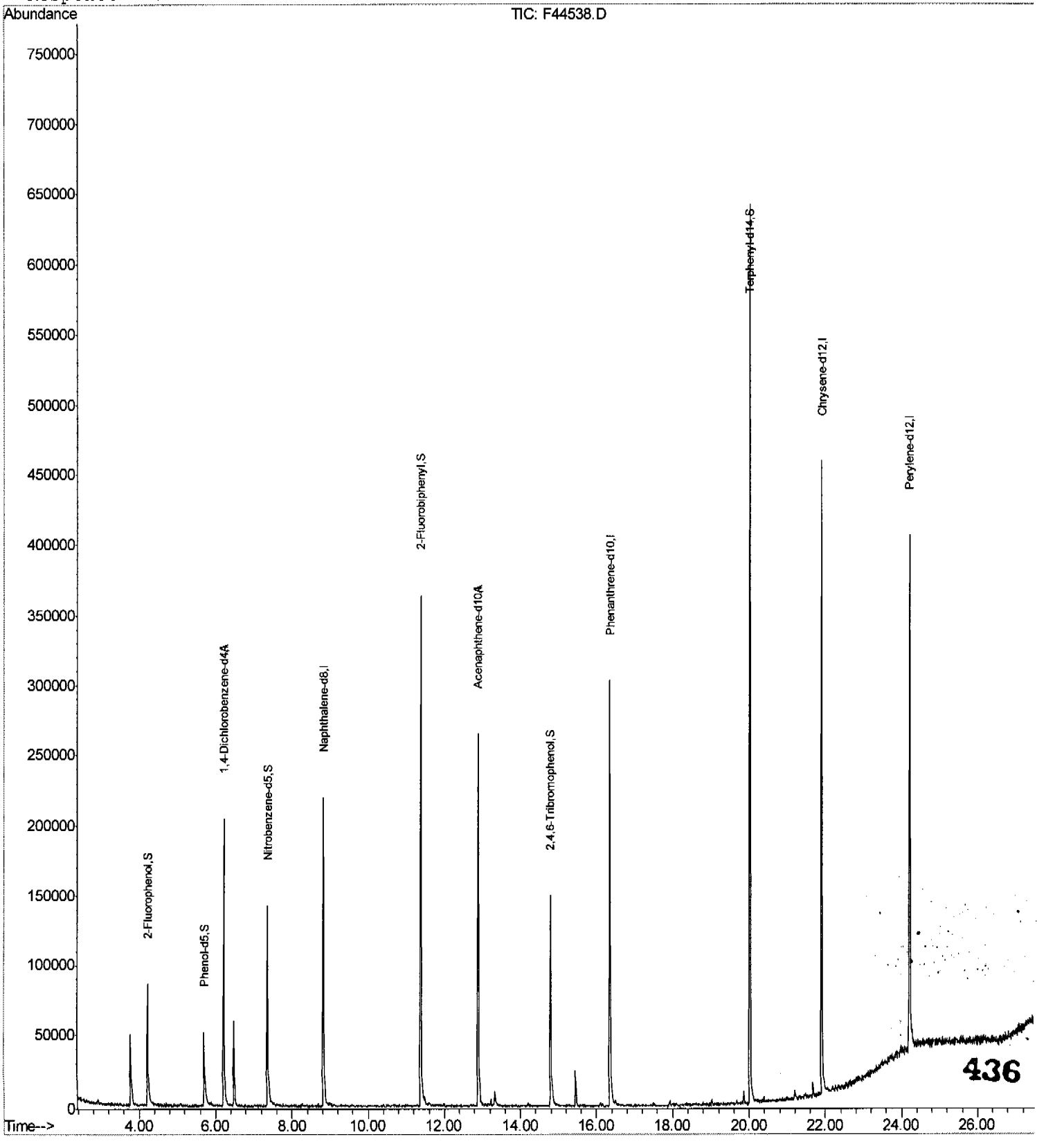
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2403\F44538.D Vial: 16
Acq On : 17 Aug 2004 11:21 pm Operator: NINAP
Sample : N74646-9 Inst : MSF
Misc : OP17687,EF2403,980 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 18 8:20 2004 Quant Results File: MF2402.RES

Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 16:17:39 2004
Response via : Initial Calibration



Report of Analysis

Client Sample ID:	RW0804-CAMPEASON		
Lab Sample ID:	N74646-10	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F44539.D	1	08/17/04	NAP	08/11/04	OP17687	EF2403
Run #2							

	Initial Volume	Final Volume
Run #1	910 ml	1.0 ml
Run #2		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.5	4.7	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.5	5.2	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.5	0.80	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.5	1.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	22	1.2	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	22	0.71	ug/l	
95-48-7	2-Methylphenol	ND	5.5	0.79	ug/l	
	3&4-Methylphenol	ND	5.5	0.77	ug/l	
88-75-5	2-Nitrophenol	ND	5.5	0.80	ug/l	
100-02-7	4-Nitrophenol	ND	22	2.5	ug/l	
108-95-2	Phenol	ND	5.5	1.9	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.5	1.4	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.5	0.82	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.5	0.88	ug/l	
83-32-9	Acenaphthene	ND	2.2	0.32	ug/l	
208-96-8	Acenaphthylene	ND	2.2	0.38	ug/l	
98-86-2	Acetophenone	ND	5.5	0.59	ug/l	
120-12-7	Anthracene	ND	2.2	0.24	ug/l	
1912-24-9	Atrazine	ND	5.5	1.6	ug/l	
100-52-7	Benzaldehyde	ND	5.5	4.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	2.2	0.30	ug/l	
50-32-8	Benzo(a)pyrene	ND	2.2	0.42	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	2.2	0.41	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	2.2	0.55	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	2.2	0.41	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.2	0.59	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.2	0.59	ug/l	
92-52-4	1,1'-Biphenyl	ND	2.2	0.32	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.5	0.41	ug/l	
106-47-8	4-Chloroaniline	ND	5.5	0.47	ug/l	
86-74-8	Carbazole	ND	2.2	0.37	ug/l	
105-60-2	Caprolactam	ND	2.2	0.48	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-CAMPEASON		
Lab Sample ID:	N74646-10	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	2.2	0.29	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.2	0.37	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.2	0.53	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.2	0.48	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.2	1.1	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.2	0.85	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.2	0.68	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.5	0.43	ug/l	
123-91-1	**1,4-Dioxane**	ND	2.2	1.5	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	2.2	0.64	ug/l	
132-64-9	Dibenzofuran	ND	5.5	0.54	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.2	0.86	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.2	0.69	ug/l	
84-66-2	Diethyl phthalate	ND	2.2	1.6	ug/l	
131-11-3	Dimethyl phthalate	ND	2.2	0.63	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	9.3	2.2	0.81	ug/l	
206-44-0	Fluoranthene	ND	2.2	0.70	ug/l	
86-73-7	Fluorene	ND	2.2	0.98	ug/l	
118-74-1	Hexachlorobenzene	ND	2.2	1.3	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.2	0.45	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	22	0.49	ug/l	
67-72-1	Hexachloroethane	ND	5.5	0.73	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.2	1.7	ug/l	
78-59-1	Isophorone	ND	2.2	0.59	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.2	0.79	ug/l	
88-74-4	2-Nitroaniline	ND	5.5	1.5	ug/l	
99-09-2	3-Nitroaniline	ND	5.5	1.3	ug/l	
100-01-6	4-Nitroaniline	ND	5.5	1.2	ug/l	
91-20-3	Naphthalene	ND	2.2	1.1	ug/l	
98-95-3	Nitrobenzene	ND	2.2	0.67	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.2	0.55	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.5	0.87	ug/l	
85-01-8	Phenanthrene	ND	2.2	0.26	ug/l	
129-00-0	Pyrene	ND	2.2	0.64	ug/l	
95-94-3	**1,2,4,5-Tetrachlorobenzene**	ND	5.5	0.69	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	66%		10-88%
4165-62-2	Phenol-d5	42%		10-71%

438

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-CAMPEASON		
Lab Sample ID:	N74646-10	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

ABN TCL List (CLP4.2 list)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	94%		45-134%
4165-60-0	Nitrobenzene-d5	95%		32-128%
321-60-8	2-Fluorobiphenyl	96%		34-121%
1718-51-0	Terphenyl-d14	108%		41-129%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2403\F44539.D Vial: 17
Acq On : 17 Aug 2004 11:57 pm Operator: NINAP
Sample : N74646-10 Inst : MSF
Misc : OP17687,EF2403,910 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 18 00:25:37 2004 Quant Results File: MF2402.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 16:17:39 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.22	152	32719	40.00 ppb	-0.02
25) Naphthalene-d8	8.83	136	127845	40.00 ppb	-0.02
48) Acenaphthene-d10	12.91	164	79367	40.00 ppb	-0.01
70) Phenanthrene-d10	16.37	188	155453	40.00 ppb	-0.02
85) Chrysene-d12	21.93	240	199075	40.00 ppb	-0.02
95) Perylene-d12	24.23	264	138173	40.00 ppb	-0.02
106) 1,4-Dichlorobenzene-d4A	6.22	152	32719	40.00 ppb	-0.01
108) Acenaphthene-d10A	12.91	164	79367	40.00 ppb	-0.01
System Monitoring Compounds					
5) 2-Fluorophenol	4.22	112	30143	32.77 ppb	-0.01
Spiked Amount 50.000			Recovery = 65.54%		
8) Phenol-d5	5.71	99	26230	21.02 ppb	0.00
Spiked Amount 50.000			Recovery = 42.04%		
26) Nitrobenzene-d5	7.37	82	76607	47.69 ppb	-0.01
Spiked Amount 50.000			Recovery = 95.38%		
52) 2-Fluorobiphenyl	11.40	172	143289	47.91 ppb	-0.01
Spiked Amount 50.000			Recovery = 95.82%		
75) 2,4,6-Tribromophenol	14.81	330	21906	46.94 ppb	-0.02
Spiked Amount 50.000			Recovery = 93.88%		
88) Terphenyl-d14	20.04	244	225296	53.94 ppb	-0.02
Spiked Amount 50.000			Recovery = 107.88%		
Target Compounds					Qvalue
94) bis(2-Ethylhexyl)phthalate	22.19	149	24233	8.43 ppb	95

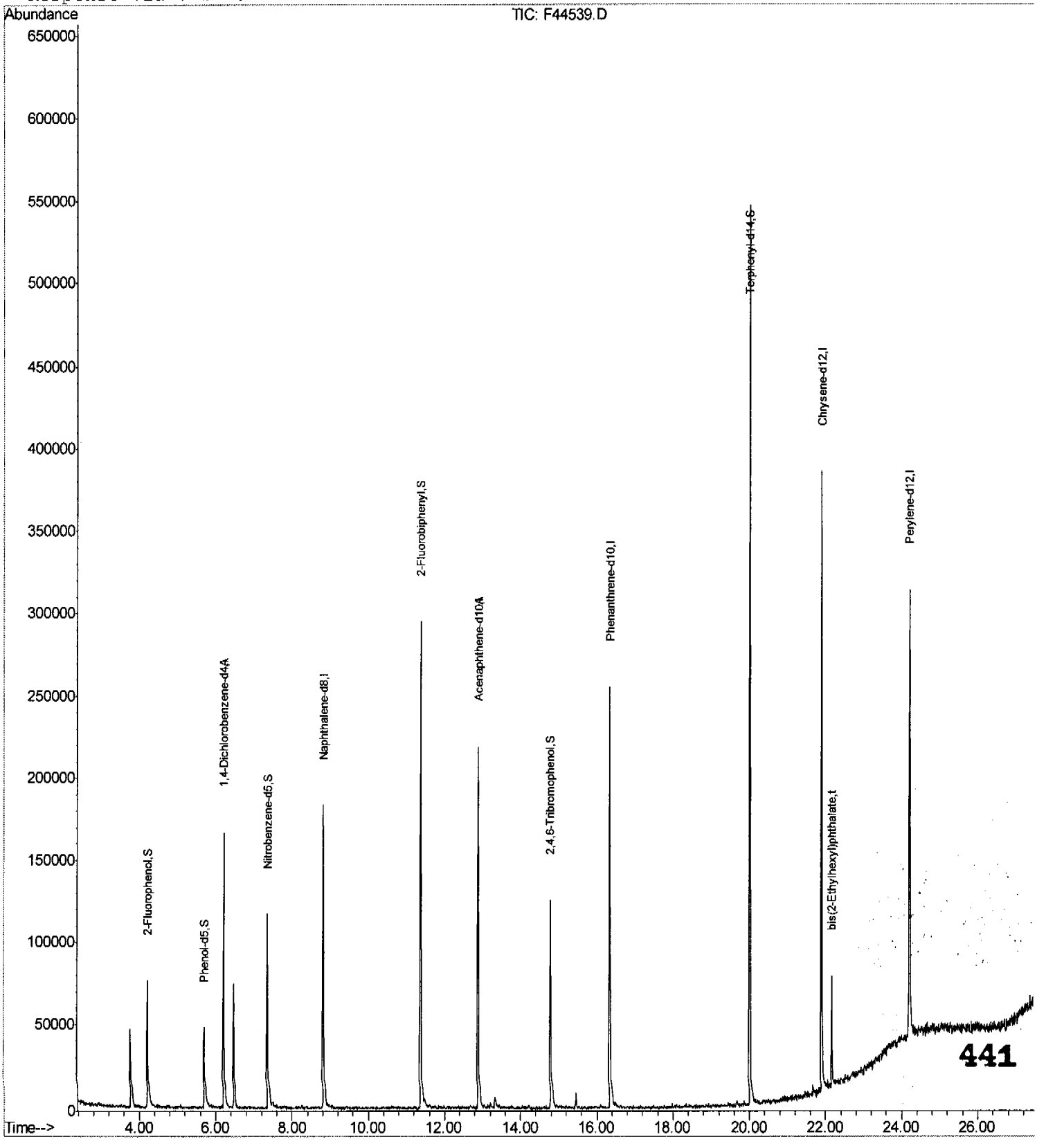
440

(#) = qualifier out of range (m) = manual integration

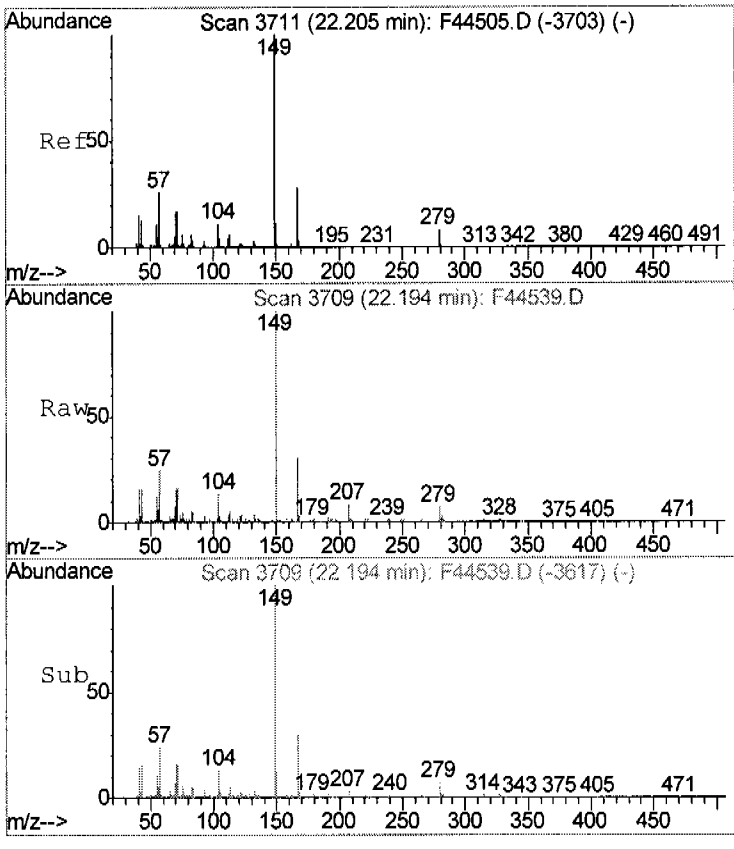
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2403\F44539.D Vial: 17
Acq On : 17 Aug 2004 11:57 pm Operator: NINAP
Sample : N74646-10 Inst : MSF
Misc : OP17687,EF2403,910 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 18 8:20 2004 Quant Results File: MF2402.RES

Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 16:17:39 2004
Response via : Initial Calibration



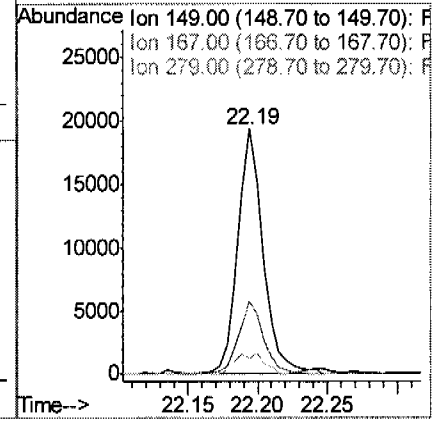
441



#94
bis(2-Ethylhexyl)phthalate
Concen: 8.43 ppb
RT: 22.19 min Scan# 3709
Delta R.T. -0.01 min
Lab File: F44539.D
Acq: 17 Aug 2004 11:57 pm

Tgt Ion:149 Resp: 24233

Ion	Ratio	Lower	Upper
149	100		
167	30.1	0.0	57.6
279	6.8	0.0	38.0



Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-750-LITTLEMOUNTAIN		
Lab Sample ID:	N74646-11	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F44540.D	1	08/18/04	NAP	08/11/04	OP17687	EF2403
Run #2							

	Initial Volume	Final Volume
Run #1	910 ml	1.0 ml
Run #2		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.5	4.7	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.5	5.2	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.5	0.80	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.5	1.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	22	1.2	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	22	0.71	ug/l	
95-48-7	2-Methylphenol	ND	5.5	0.79	ug/l	
	3&4-Methylphenol	ND	5.5	0.77	ug/l	
88-75-5	2-Nitrophenol	ND	5.5	0.80	ug/l	
100-02-7	4-Nitrophenol	ND	22	2.5	ug/l	
108-95-2	Phenol	ND	5.5	1.9	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.5	1.4	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.5	0.82	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.5	0.88	ug/l	
83-32-9	Acenaphthene	ND	2.2	0.32	ug/l	
208-96-8	Acenaphthylene	ND	2.2	0.38	ug/l	
98-86-2	Acetophenone	ND	5.5	0.59	ug/l	
120-12-7	Anthracene	ND	2.2	0.24	ug/l	
1912-24-9	Atrazine	ND	5.5	1.6	ug/l	
100-52-7	Benzaldehyde	ND	5.5	4.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	2.2	0.30	ug/l	
50-32-8	Benzo(a)pyrene	ND	2.2	0.42	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	2.2	0.41	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	2.2	0.55	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	2.2	0.41	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.2	0.59	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.2	0.59	ug/l	
92-52-4	1,1'-Biphenyl	ND	2.2	0.32	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.5	0.41	ug/l	
106-47-8	4-Chloroaniline	ND	5.5	0.47	ug/l	
86-74-8	Carbazole	ND	2.2	0.37	ug/l	
105-60-2	Caprolactam	ND	2.2	0.48	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-750-LITTLEMOUNTAIN		
Lab Sample ID:	N74646-11	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	2.2	0.29	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.2	0.37	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.2	0.53	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.2	0.48	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.2	1.1	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.2	0.85	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.2	0.68	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.5	0.43	ug/l	
123-91-1	**1,4-Dioxane**	ND	2.2	1.5	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	2.2	0.64	ug/l	
132-64-9	Dibenzofuran	ND	5.5	0.54	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.2	0.86	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.2	0.69	ug/l	
84-66-2	Diethyl phthalate	ND	2.2	1.6	ug/l	
131-11-3	Dimethyl phthalate	ND	2.2	0.63	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.2	0.81	ug/l	
206-44-0	Fluoranthene	ND	2.2	0.70	ug/l	
86-73-7	Fluorene	ND	2.2	0.98	ug/l	
118-74-1	Hexachlorobenzene	ND	2.2	1.3	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.2	0.45	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	22	0.49	ug/l	
67-72-1	Hexachloroethane	ND	5.5	0.73	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.2	1.7	ug/l	
78-59-1	Isophorone	ND	2.2	0.59	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.2	0.79	ug/l	
88-74-4	2-Nitroaniline	ND	5.5	1.5	ug/l	
99-09-2	3-Nitroaniline	ND	5.5	1.3	ug/l	
100-01-6	4-Nitroaniline	ND	5.5	1.2	ug/l	
91-20-3	Naphthalene	ND	2.2	1.1	ug/l	
98-95-3	Nitrobenzene	ND	2.2	0.67	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.2	0.55	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.5	0.87	ug/l	
85-01-8	Phenanthrene	ND	2.2	0.26	ug/l	
129-00-0	Pyrene	ND	2.2	0.64	ug/l	
95-94-3	**1,2,4,5-Tetrachlorobenzene**	ND	5.5	0.69	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	67%		10-88%
4165-62-2	Phenol-d5	42%		10-71%

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-750-LITTLEMOUNTAIN		
Lab Sample ID:	N74646-11	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

ABN TCL List (CLP4.2 list)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	95%		45-134%
4165-60-0	Nitrobenzene-d5	97%		32-128%
321-60-8	2-Fluorobiphenyl	101%		34-121%
1718-51-0	Terphenyl-d14	110%		41-129%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2403\F44540.D Vial: 18
Acq On : 18 Aug 2004 12:33 am Operator: NINAP
Sample : N74646-11 Inst : MSF
Misc : OP17687,EF2403,910 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 18 01:01:41 2004 Quant Results File: MF2402.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 16:17:39 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.22	152	38891	40.00 ppb	-0.01
25) Naphthalene-d8	8.83	136	147595	40.00 ppb	-0.02
48) Acenaphthene-d10	12.90	164	88719	40.00 ppb	-0.02
70) Phenanthrene-d10	16.37	188	176694	40.00 ppb	-0.02
85) Chrysene-d12	21.93	240	226860	40.00 ppb	-0.02
95) Perylene-d12	24.23	264	155412	40.00 ppb	-0.02
106) 1,4-Dichlorobenzene-d4A	6.22	152	38891	40.00 ppb	0.00
108) Acenaphthene-d10A	12.90	164	88719	40.00 ppb	-0.02
System Monitoring Compounds					
5) 2-Fluorophenol	4.22	112	36534	33.42 ppb	-0.01
Spiked Amount 50.000			Recovery = 66.84%		
8) Phenol-d5	5.71	99	30982	20.89 ppb	0.00
Spiked Amount 50.000			Recovery = 41.78%		
26) Nitrobenzene-d5	7.37	82	89919	48.49 ppb	-0.01
Spiked Amount 50.000			Recovery = 96.98%		
52) 2-Fluorobiphenyl	11.40	172	168103	50.29 ppb	-0.01
Spiked Amount 50.000			Recovery = 100.58%		
75) 2,4,6-Tribromophenol	14.81	330	25204	47.51 ppb	-0.02
Spiked Amount 50.000			Recovery = 95.02%		
88) Terphenyl-d14	20.04	244	261405	54.92 ppb	-0.02
Spiked Amount 50.000			Recovery = 109.84%		

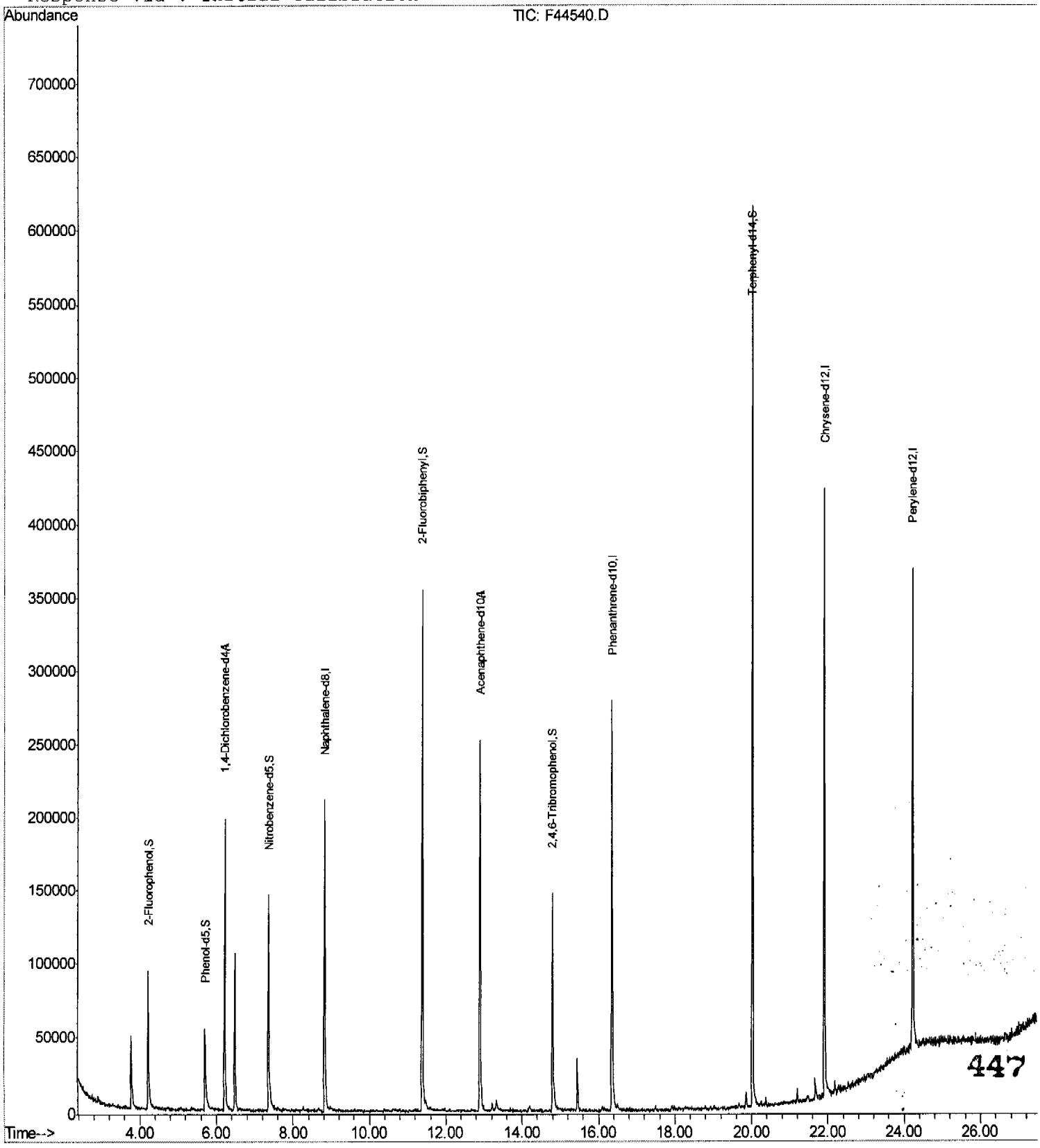
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2403\F44540.D Vial: 18
Acq On : 18 Aug 2004 12:33 am Operator: NINAP
Sample : N74646-11 Inst : MSF
Misc : OP17687,EF2403,910 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 18 8:20 2004 Quant Results File: MF2402.RES

Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 16:17:39 2004
Response via : Initial Calibration



Report of Analysis

Client Sample ID:	RW0804-191-FALCONLANE		
Lab Sample ID:	N74646-12	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F44541.D	1	08/18/04	NAP	08/11/04	OP17687	EF2403
Run #2							

	Initial Volume	Final Volume
Run #1	940 ml	1.0 ml
Run #2		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.3	4.5	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.3	5.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.3	0.78	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.3	1.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	21	1.1	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	21	0.69	ug/l	
95-48-7	2-Methylphenol	ND	5.3	0.77	ug/l	
	3&4-Methylphenol	ND	5.3	0.75	ug/l	
88-75-5	2-Nitrophenol	ND	5.3	0.78	ug/l	
100-02-7	4-Nitrophenol	ND	21	2.4	ug/l	
108-95-2	Phenol	ND	5.3	1.9	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.3	1.3	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.3	0.79	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.3	0.85	ug/l	
83-32-9	Acenaphthene	ND	2.1	0.31	ug/l	
208-96-8	Acenaphthylene	ND	2.1	0.37	ug/l	
98-86-2	Acetophenone	ND	5.3	0.57	ug/l	
120-12-7	Anthracene	ND	2.1	0.23	ug/l	
1912-24-9	Atrazine	ND	5.3	1.6	ug/l	
100-52-7	Benzaldehyde	ND	5.3	3.9	ug/l	
56-55-3	Benzo(a)anthracene	ND	2.1	0.29	ug/l	
50-32-8	Benzo(a)pyrene	ND	2.1	0.41	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	2.1	0.39	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	2.1	0.53	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	2.1	0.40	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.1	0.57	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.1	0.57	ug/l	
92-52-4	1,1'-Biphenyl	ND	2.1	0.31	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.3	0.40	ug/l	
106-47-8	4-Chloroaniline	ND	5.3	0.45	ug/l	
86-74-8	Carbazole	ND	2.1	0.36	ug/l	
105-60-2	Caprolactam	ND	2.1	0.47	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-191-FALCONLANE		
Lab Sample ID:	N74646-12	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	2.1	0.28	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.1	0.36	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.1	0.52	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.1	0.47	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.1	1.1	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.1	0.82	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.1	0.66	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.3	0.41	ug/l	
123-91-1	**1,4-Dioxane**	ND	2.1	1.4	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	2.1	0.62	ug/l	
132-64-9	Dibenzofuran	ND	5.3	0.52	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.1	0.84	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.1	0.67	ug/l	
84-66-2	Diethyl phthalate	ND	2.1	1.5	ug/l	
131-11-3	Dimethyl phthalate	ND	2.1	0.61	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.1	0.78	ug/l	
206-44-0	Fluoranthene	ND	2.1	0.67	ug/l	
86-73-7	Fluorene	ND	2.1	0.95	ug/l	
118-74-1	Hexachlorobenzene	ND	2.1	1.3	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.1	0.44	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	21	0.48	ug/l	
67-72-1	Hexachloroethane	ND	5.3	0.71	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.1	1.6	ug/l	
78-59-1	Isophorone	ND	2.1	0.57	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.1	0.77	ug/l	
88-74-4	2-Nitroaniline	ND	5.3	1.5	ug/l	
99-09-2	3-Nitroaniline	ND	5.3	1.3	ug/l	
100-01-6	4-Nitroaniline	ND	5.3	1.1	ug/l	
91-20-3	Naphthalene	ND	2.1	1.1	ug/l	
98-95-3	Nitrobenzene	ND	2.1	0.65	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.1	0.53	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.3	0.85	ug/l	
85-01-8	Phenanthrene	ND	2.1	0.25	ug/l	
129-00-0	Pyrene	ND	2.1	0.62	ug/l	
95-94-3	**1,2,4,5-Tetrachlorobenzene**	ND	5.3	0.67	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	62%		10-88%
4165-62-2	Phenol-d5	40%		10-71%

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-191-FALCONLANE		
Lab Sample ID:	N74646-12	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

ABN TCL List (CLP4.2 list)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	95%		45-134%
4165-60-0	Nitrobenzene-d5	101%		32-128%
321-60-8	2-Fluorobiphenyl	98%		34-121%
1718-51-0	Terphenyl-d14	109%		41-129%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2403\F44541.D Vial: 19
Acq On : 18 Aug 2004 1:10 am Operator: NINAP
Sample : N74646-12 Inst : MSF
Misc : OP17687,EF2403,940 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 18 01:37:51 2004 Quant Results File: MF2402.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 16:17:39 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.22	152	33813	40.00	ppb	-0.01
25) Naphthalene-d8	8.83	136	126080	40.00	ppb	-0.02
48) Acenaphthene-d10	12.91	164	79719	40.00	ppb	-0.01
70) Phenanthrene-d10	16.37	188	160087	40.00	ppb	-0.02
85) Chrysene-d12	21.93	240	203678	40.00	ppb	-0.02
95) Perylene-d12	24.23	264	142132	40.00	ppb	-0.02
106) 1,4-Dichlorobenzene-d4A	6.22	152	33813	40.00	ppb	0.00
108) Acenaphthene-d10A	12.91	164	79719	40.00	ppb	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.23	112	29356	30.88	ppb	0.00
Spiked Amount 50.000			Recovery = 61.76%			
8) Phenol-d5	5.71	99	25831	20.03	ppb	0.00
Spiked Amount 50.000			Recovery = 40.06%			
26) Nitrobenzene-d5	7.37	82	79945	50.46	ppb	-0.01
Spiked Amount 50.000			Recovery = 100.92%			
52) 2-Fluorobiphenyl	11.39	172	147220	49.01	ppb	-0.02
Spiked Amount 50.000			Recovery = 98.02%			
75) 2,4,6-Tribromophenol	14.81	330	22932	47.72	ppb	-0.02
Spiked Amount 50.000			Recovery = 95.44%			
88) Terphenyl-d14	20.04	244	233213	54.57	ppb	-0.02
Spiked Amount 50.000			Recovery = 109.14%			

Target Compounds Qvalue

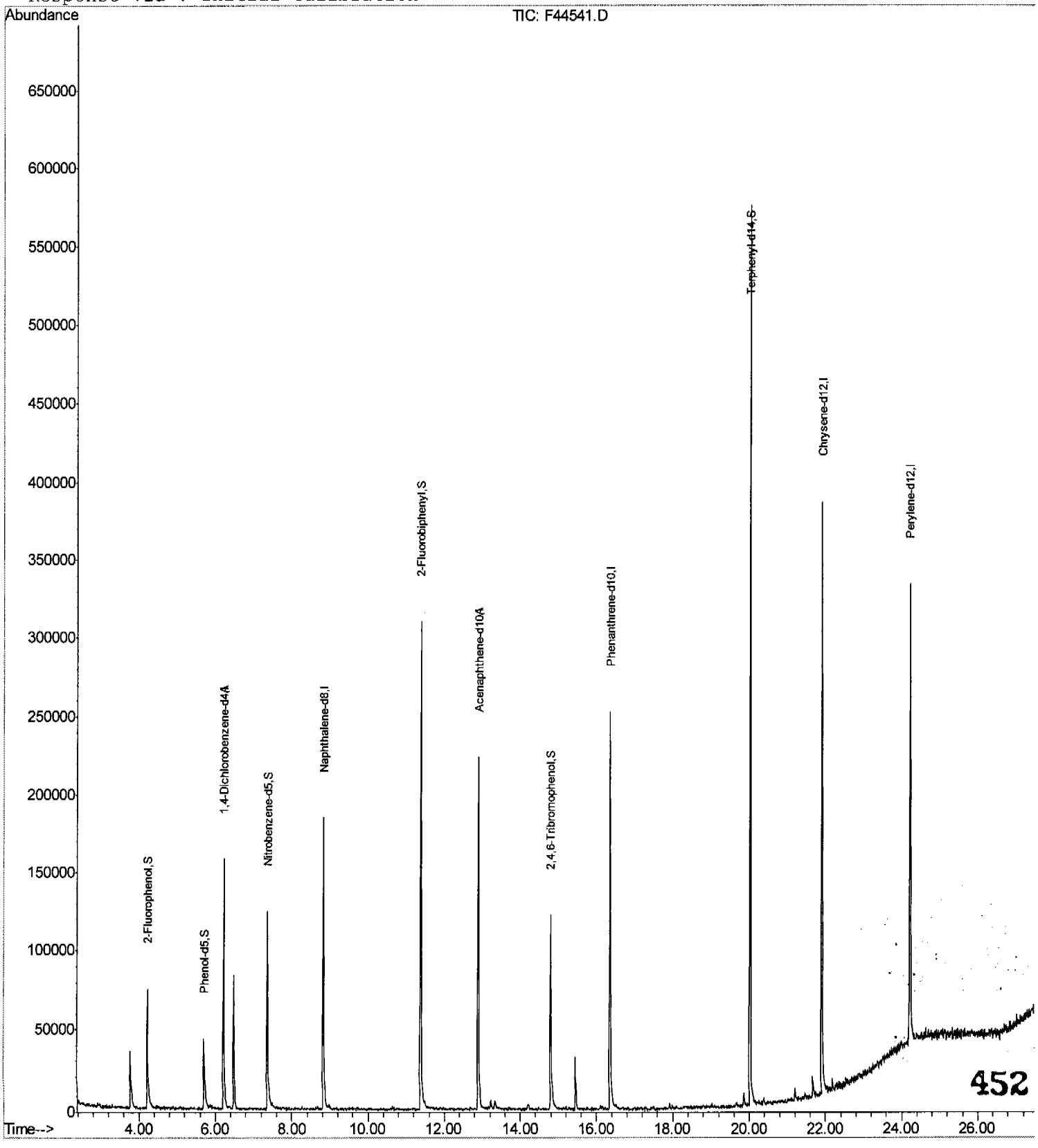
b Nelson

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2403\F44541.D Vial: 19
Acq On : 18 Aug 2004 1:10 am Operator: NINAP
Sample : N74646-12 Inst : MSF
Misc : OP17687,EF2403,940 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 18 8:21 2004 Quant Results File: MF2402.RES

Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 16:17:39 2004
Response via : Initial Calibration



Report of Analysis

Client Sample ID:	RW0804-4149-RANGERD		
Lab Sample ID:	N74646-13	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F44542.D	1	08/18/04	NAP	08/11/04	OP17687	EF2403
Run #2							

	Initial Volume	Final Volume
Run #1	900 ml	1.0 ml
Run #2		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.6	4.7	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.6	5.3	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.6	0.81	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.6	1.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	22	1.2	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	22	0.72	ug/l	
95-48-7	2-Methylphenol	ND	5.6	0.80	ug/l	
	3&4-Methylphenol	ND	5.6	0.78	ug/l	
88-75-5	2-Nitrophenol	ND	5.6	0.81	ug/l	
100-02-7	4-Nitrophenol	ND	22	2.5	ug/l	
108-95-2	Phenol	ND	5.6	1.9	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.6	1.4	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.6	0.83	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.6	0.89	ug/l	
83-32-9	Acenaphthene	ND	2.2	0.33	ug/l	
208-96-8	Acenaphthylene	ND	2.2	0.39	ug/l	
98-86-2	Acetophenone	ND	5.6	0.59	ug/l	
120-12-7	Anthracene	ND	2.2	0.24	ug/l	
1912-24-9	Atrazine	ND	5.6	1.7	ug/l	
100-52-7	Benzaldehyde	ND	5.6	4.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	2.2	0.30	ug/l	
50-32-8	Benzo(a)pyrene	ND	2.2	0.43	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	2.2	0.41	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	2.2	0.55	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	2.2	0.42	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.2	0.60	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.2	0.60	ug/l	
92-52-4	1,1'-Biphenyl	ND	2.2	0.32	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.6	0.42	ug/l	
106-47-8	4-Chloroaniline	ND	5.6	0.47	ug/l	
86-74-8	Carbazole	ND	2.2	0.38	ug/l	
105-60-2	Caprolactam	ND	2.2	0.49	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-4149-RANGERD		
Lab Sample ID:	N74646-13	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

ABN TCL List (CLP4.2 list)

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	2.2	0.29	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.2	0.37	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.2	0.54	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.2	0.49	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.2	1.1	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	2.2	0.86	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	2.2	0.69	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.6	0.43	ug/l	
123-91-1	**1,4-Dioxane**	ND	2.2	1.5	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	2.2	0.64	ug/l	
132-64-9	Dibenzofuran	ND	5.6	0.54	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.2	0.87	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.2	0.70	ug/l	
84-66-2	Diethyl phthalate	ND	2.2	1.6	ug/l	
131-11-3	Dimethyl phthalate	ND	2.2	0.64	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.2	0.82	ug/l	
206-44-0	Fluoranthene	ND	2.2	0.70	ug/l	
86-73-7	Fluorene	ND	2.2	0.99	ug/l	
118-74-1	Hexachlorobenzene	ND	2.2	1.3	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.2	0.46	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	22	0.50	ug/l	
67-72-1	Hexachloroethane	ND	5.6	0.74	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.2	1.7	ug/l	
78-59-1	Isophorone	ND	2.2	0.60	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.2	0.80	ug/l	
88-74-4	2-Nitroaniline	ND	5.6	1.5	ug/l	
99-09-2	3-Nitroaniline	ND	5.6	1.4	ug/l	
100-01-6	4-Nitroaniline	ND	5.6	1.2	ug/l	
91-20-3	Naphthalene	ND	2.2	1.1	ug/l	
98-95-3	Nitrobenzene	ND	2.2	0.68	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.2	0.56	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.6	0.88	ug/l	
85-01-8	Phenanthrene	ND	2.2	0.26	ug/l	
129-00-0	Pyrene	ND	2.2	0.65	ug/l	
95-94-3	**1,2,4,5-Tetrachlorobenzene**	ND	5.6	0.70	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	70%		10-88%
4165-62-2	Phenol-d5	46%		10-71%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW0804-4149-RANGERD		
Lab Sample ID:	N74646-13	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	Former Camp Butner, NC		

ABN TCL List (CLP4.2 list)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	90%		45-134%
4165-60-0	Nitrobenzene-d5	92%		32-128%
321-60-8	2-Fluorobiphenyl	93%		34-121%
1718-51-0	Terphenyl-d14	107%		41-129%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2403\F44542.D Vial: 20
Acq On : 18 Aug 2004 1:45 am Operator: NINAP
Sample : N74646-13 Inst : MSF
Misc : OP17687,EF2403,900 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 18 02:13:39 2004 Quant Results File: MF2402.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 16:17:39 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.22	152	38908	40.00 ppb	-0.01
25) Naphthalene-d8	8.84	136	148258	40.00 ppb	-0.01
48) Acenaphthene-d10	12.91	164	88460	40.00 ppb	-0.01
70) Phenanthrene-d10	16.37	188	171008	40.00 ppb	-0.02
85) Chrysene-d12	21.93	240	210395	40.00 ppb	-0.02
95) Perylene-d12	24.23	264	142406	40.00 ppb	-0.02
106) 1,4-Dichlorobenzene-d4A	6.22	152	38908	40.00 ppb	0.00
108) Acenaphthene-d10A	12.91	164	88460	40.00 ppb	-0.01

System Monitoring Compounds					
5) 2-Fluorophenol	4.23	112	38409	35.12 ppb	0.00
Spiked Amount 50.000			Recovery = 70.24%		
8) Phenol-d5	5.71	99	33763	22.76 ppb	0.00
Spiked Amount 50.000			Recovery = 45.52%		
26) Nitrobenzene-d5	7.37	82	85320	45.80 ppb	-0.01
Spiked Amount 50.000			Recovery = 91.60%		
52) 2-Fluorobiphenyl	11.39	172	155068	46.52 ppb	-0.02
Spiked Amount 50.000			Recovery = 93.04%		
75) 2,4,6-Tribromophenol	14.80	330	23161	45.11 ppb	-0.02
Spiked Amount 50.000			Recovery = 90.22%		
88) Terphenyl-d14	20.04	244	235199	53.28 ppb	-0.02
Spiked Amount 50.000			Recovery = 106.56%		

Target Compounds Qvalue

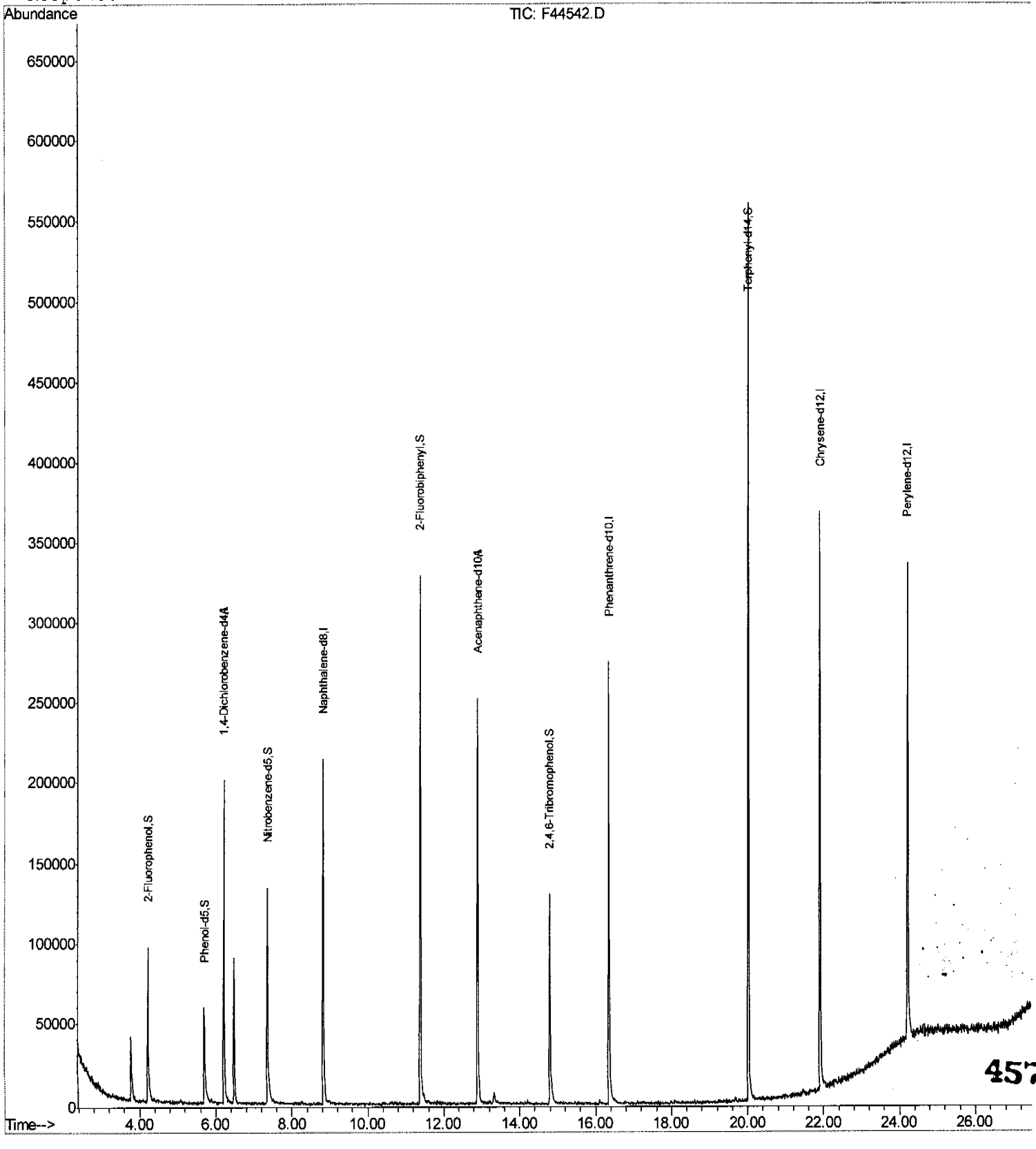
(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2403\F44542.D
Acq On : 18 Aug 2004 1:45 am
Sample : N74646-13
Misc : OP17687,EF2403,900
MS Integration Params: LSCINT.P
Quant Time: Aug 18 8:21 2004

Vial: 20
Operator: NINAP
Inst : MSF
Multiplr: 1.00
Quant Results File: MF2402.RES

Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 16:17:39 2004
Response via : Initial Calibration



Initial Calibration Summary

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC

Sample: EF2402-ICC2402
Lab FileID: F44505.D

Response Factor Report MSF

Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 09:56:38 2004
Response via : Initial Calibration

Calibration Files
2 =F44511.D 5 =F44510.D 25 =F44508.D
80 =F44507.D 100 =F44506.D 50 =F44505.D 10 =F44509.D

Compound	2	5	25	80	100	50	10	Avg	%RSD
1) I 1,4-Dichlorobenzene-d				ISTD					
2)t 1,4-Dioxane	0.844	0.669	0.619	0.600	0.587	0.651	0.627	0.657	13.26
3)t Pyridine	1.584	1.287	1.583	1.518	1.565	1.595	1.485	1.517	7.17
4)t N-Nitrosodimethyl	1.108	0.812	0.895	0.912	0.911	0.939	0.814	0.913	10.89
5)S 2-Fluorophenol	0.934	0.949	1.192	1.238	1.222	1.236	1.100	1.124	11.87
6)t Indene	2.367	2.502	2.378	2.371	2.445	2.450	2.271	2.398	3.14
7)t Cumene	3.257	3.482	3.434	3.453	3.466	3.581	3.315	3.427	3.16
8)S Phenol-d5	1.383	1.360	1.532	1.640	1.671	1.644	1.447	1.525	8.56
9)t Phenol	1.347	1.634	1.773	1.848	1.882	1.882	1.729	1.728	11.02
10)t Aniline	1.369	1.852	1.860	2.012	2.037	2.069	1.852	1.864	12.74
11)t bis(2-Chloroethyl	1.173	1.071	1.208	1.215	1.229	1.269	1.111	1.182	5.90
12)t Benzaldehyde	0.209	0.850	0.592			0.411	0.799	0.572	46.84
13)t 2-Chlorophenol	1.227	1.305	1.380	1.418	1.440	1.468	1.282	1.360	6.63
14)t Decane	0.912	1.011	0.947	0.948	0.941	0.951	0.956	0.953	3.11
15)t 1,3-Dichlorobenze	1.478	1.708	1.554	1.573	1.575	1.630	1.444	1.566	5.65
16)t 1,4-Dichlorobenze	1.621	1.652	1.633	1.634	1.633	1.674	1.535	1.626	2.68
17)t Benzyl alcohol	0.914	0.719	0.879	0.929	0.942	0.898	0.818	0.871	8.98
18)t 1,2-Dichlorobenze	1.432	1.541	1.512	1.524	1.535	1.564	1.387	1.499	4.31
19)t Acetophenone	1.969	2.226	2.167	2.112	2.100	2.209	2.008	2.113	4.61
20)t 2-Methylphenol	1.045	1.266	1.190	1.220	1.267	1.266	1.068	1.189	7.99
21)t 2,2'-oxybis(1-Chl	0.531	0.527	0.467	0.461	0.481	0.485	0.467	0.488	5.89
22)t 3&4-Methylphenol	1.333	1.114	1.254	1.337	1.360	1.382	1.204	1.284	7.58
23)t n-Nitroso-di-n-pr	1.048	1.221	1.307	1.321	1.314	1.315	1.211	1.248	8.00
24)t Hexachloroethane	0.689	0.825	0.789	0.750	0.766	0.782	0.738	0.763	5.65
25) I Naphthalene-d8				ISTD					
26)S Nitrobenzene-d5	0.413	0.469	0.511	0.535	0.552	0.553	0.486	0.503	10.17
27)t Nitrobenzene	0.133	0.137	0.170	0.176	0.175	0.180	0.153	0.161	12.24
28)t Quinoline		0.638	0.704	0.732	0.731	0.734	0.664	0.701	5.80
29)t Isophorone	0.670	0.715	0.801	0.829	0.841	0.863	0.796	0.788	8.91
30)t 2-Nitrophenol		0.184	0.191	0.209	0.218	0.211	0.169	0.197	9.59
31)t 2,4-Dimethylpheno	0.404	0.414	0.409	0.461	0.473	0.487	0.400	0.435	8.43
32)t Benzoic acid			0.279	0.333	0.338	0.286	0.232	0.293	14.84
33)t bis(2-Chloroethox	0.336	0.388	0.396	0.401	0.414	0.420	0.383	0.391	7.09
34)t 2,4-Dichloropheno	0.250	0.269	0.314	0.339	0.346	0.355	0.301	0.310	12.83
35) 1,3,5-Trichlorobe	0.397	0.398	0.396	0.414	0.435	0.438	0.394	0.410	4.67
36)t 1,2,4-Trichlorobe	0.362	0.383	0.384	0.407	0.414	0.431	0.375	0.394	6.18
37) 1,2,3-Trichlorobe	0.385	0.385	0.375	0.382	0.390	0.399	0.356	0.382	3.51
38)t alpha-Terpineol	0.279	0.281	0.311	0.320	0.312	0.328	0.282	0.302	6.81
39)t Naphthalene	0.998	1.155	1.098	1.123	1.146	1.167	1.112	1.114	5.10
40)t 4-Chloroaniline		0.393	0.418	0.445	0.461	0.461	0.409	0.431	6.64
41)t 2,3-Dichloroanili	0.361	0.378	0.407	0.436	0.448	0.446	0.396	0.410	8.35
42)t Caprolactam	0.103	0.084	0.112	0.123	0.116	0.111	0.099	0.107	11.97
43)t Hexachlorobutadie	0.338	0.346	0.343	0.356	0.362	0.359	0.338	0.349	2.81
44)t 4-Chloro-3-methyl	0.268	0.325	0.354	0.397	0.392	0.398	0.333	0.352	13.69
45)t 2-Methylnaphthale	0.644	0.737	0.757	0.795	0.796	0.803	0.715	0.749	7.64

Initial Calibration Summary

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC
Sample: EF2402-ICC2402
Lab FileID: F44505.D

```
46)t 1-Methylnaphthale 0.697 0.796 0.762 0.792 0.794 0.792 0.726 0.766   5.16
47)t Dimethylnaphthale 0.635 0.671 0.736 0.788 0.798 0.798 0.733 0.737   8.75

48) I   Acenaphthene-d10       ----------------ISTD--------------------
49)t Hexachlorocyclope 0.317 0.409 0.509             0.618 0.442 0.459  24.58
            ----- Linear regression -----  Coefficient =  0.9933
              Response Ratio = -0.07359 + 0.63138 *A

50)t 2,4,6-Trichloroph 0.364 0.467 0.438 0.491 0.517 0.506 0.414 0.457  12.01
51)t 2,4,5-Trichloroph 0.432 0.452 0.468 0.497 0.503 0.521 0.440 0.473   7.21
52)S 2-Fluorobiphenyl  1.431 1.493 1.507 1.526 1.573 1.600 1.422 1.507   4.41
53)t 2-Chloronaphthale 1.030 1.214 1.181 1.237 1.277 1.288 1.164 1.199   7.27
54)t Biphenyl          1.521 1.697 1.639 1.715 1.786 1.772 1.663 1.685   5.33
55)t 2-Nitroaniline          0.268 0.449 0.469 0.487 0.507 0.396 0.429  20.39
            ----- Linear regression -----  Coefficient =  0.9979
              Response Ratio = -0.02183 + 0.49379 *A

56)t Dimethylphthalate 1.222 1.409 1.457 1.513 1.546 1.590 1.440 1.454   8.25
57)t Acenaphthylene    1.597 1.683 1.860 1.897 1.949 1.956 1.733 1.811   7.76
58)t 2,6-Dinitrotoluen 0.252 0.265 0.312 0.327 0.330 0.335 0.279 0.300  11.33
59)t 3-Nitroaniline          0.236 0.279 0.303 0.316 0.309 0.270 0.286  10.56
60)t Acenaphthene      1.247 1.265 1.216 1.282 1.317 1.341 1.231 1.271   3.57
61)t 2,4-Dinitrophenol       0.132 0.198 0.241 0.248 0.239 0.143 0.200  25.88
            ----- Linear regression -----  Coefficient =  0.9990
              Response Ratio = -0.05180 + 0.25676 *A

62)t 4-Nitrophenol           0.256 0.331 0.378 0.380 0.385 0.246 0.329  19.40
            ----- Linear regression -----  Coefficient =  0.9991
              Response Ratio = -0.02654 + 0.39202 *A

63)t Dibenzofuran      1.659 1.717 1.704 1.795 1.822 1.843 1.711 1.750   3.97
64)t 2,4-Dinitrotoluen 0.377 0.372 0.454 0.486 0.486 0.489 0.428 0.441  11.55
65)  2,3,4,6-Tetrachlo       0.401 0.470 0.500 0.510 0.500 0.422 0.467   9.79
66)t Diethylphthalate  1.474 1.617 1.656 1.737 1.750 1.795 1.583 1.659   6.73
67)t Fluorene          1.346 1.485 1.496 1.607 1.634 1.647 1.444 1.523   7.31
68)t 4-Chlorophenyl-ph 0.753 0.848 0.830 0.873 0.921 0.903 0.833 0.852   6.51
69)t 4-Nitroaniline          0.260 0.257 0.307 0.315 0.314 0.243 0.283  11.51

70) I   Phenanthrene-d10       ----------------ISTD--------------------
71)t 4,6-Dinitro-2-met             0.145 0.151 0.160 0.163 0.122 0.148  11.11
72)t Atrazine          0.229 0.200 0.214 0.205 0.210 0.235 0.198 0.213   6.65
73)t n-Nitrosodiphenyl 0.501 0.503 0.505 0.494 0.507 0.538 0.499 0.507   2.88
74)t 1,2-Diphenylhydra 0.707 0.856 0.893 0.876 0.894 0.941 0.861 0.861   8.55
75)S 2,4,6-Tribromophe       0.117 0.125 0.118 0.124 0.128 0.109 0.120   5.63
76)t 4-Bromophenyl-phe 0.258 0.252 0.269 0.255 0.265 0.275 0.238 0.259   4.66
77)t Hexachlorobenzene 0.280 0.293 0.272 0.263 0.269 0.290 0.271 0.277   4.06
78)t Pentachlorophenol       0.139 0.175 0.191 0.201 0.201 0.151 0.176  14.85
79)t Phenanthrene      1.092 1.159 1.086 1.034 1.065 1.148 1.055 1.091   4.30
80)t Anthracene        0.933 1.081 1.090 1.061 1.082 1.151 1.045 1.063   6.25
81)t Carbazole         0.724 0.880 0.904 0.900 0.911 0.959 0.878 0.879   8.38
82)t Di-n-butylphthala 0.991 1.143 1.221 1.214 1.244 1.299 1.112 1.175   8.69
83)t Fluoranthene      1.207 1.374 1.365 1.344 1.385 1.456 1.312 1.349   5.69
84)t Octadecane        0.305 0.302 0.343 0.322 0.335 0.346 0.314 0.324   5.53

85) I   Chrysene-d12          ----------------ISTD--------------------
86)t Benzidine         0.177 0.253 0.189 0.232 0.209 0.324 0.269 0.236  21.59
87)t Pyrene            0.970 1.125 1.106 1.112 1.109 1.188 1.052 1.095   6.20
88)S Terphenyl-d14     0.756 0.805 0.866 0.868 0.876 0.913 0.790 0.839   6.68
89)t Butylbenzylphthal 0.316 0.375 0.432 0.452 0.450 0.494 0.391 0.416  14.26
90)  Butyl stearate          0.130 0.161 0.173 0.170 0.183 0.147 0.161  12.07
```

Initial Calibration Summary

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC
Sample: EF2402-ICC2402
Lab FileID: F44505.D

```
 91)t Benzo[a]anthracen 1.129 1.165 1.130 1.159 1.164 1.268 1.076 1.156   5.04
 92)t 3,3'-Dichlorobenz 0.286 0.372 0.377 0.371 0.378 0.422 0.377 0.369  11.03
 93)t Chrysene          1.084 1.153 1.094 1.123 1.104 1.164 1.066 1.113   3.24
 94)t bis(2-Ethylhexyl) 0.395 0.508 0.593 0.629 0.626 0.672 0.533 0.565  16.65
            ----- Linear regression -----  Coefficient =  0.9984
              Response Ratio = -0.01280 + 0.63842 *A


 95) I   Perylene-d12          ----------------ISTD---------------------
 96)t Di-n-octylphthala 0.865 1.045 1.279 1.489 1.565 1.558 1.076 1.268  22.08
            ----- Linear regression -----  Coefficient =  0.9979
              Response Ratio = -0.09356 + 1.57877 *A

 97)t Benzo[b]fluoranth 1.298 1.578 1.612 1.873 1.885 1.911 1.525 1.669  13.77
 98)t Benzo[k]fluoranth 1.775 1.789 1.841 1.961 2.206 2.076 1.659 1.901  10.03
 99)t Benzo[a]pyrene    1.257 1.467 1.488 1.594 1.682 1.678 1.348 1.502  10.77
100)t Indeno[1,2,3-cd]p 1.469 1.767 1.812 1.929 2.081 2.037 1.649 1.821  11.91
101)t Dibenz(a,h)acridi 1.098 1.274 1.405 1.456 1.561 1.547 1.237 1.368  12.56
102)t Dibenz[a,h]anthra 1.225 1.495 1.546 1.658 1.790 1.716 1.359 1.541  13.02
103)t 7,12-Dimethylbenz 0.623 0.692 0.764 0.897 0.986 0.941 0.677 0.797  18.00
            ----- Linear regression -----  Coefficient =  0.9954
              Response Ratio = -0.06423 + 0.97771 *A

104)t 3-Methylcholanthr                                     0.000# -1.00
105)t Benzo[g,h,i]peryl 1.233 1.474 1.505 1.572 1.673 1.648 1.347 1.493  10.67

106)     Naphthalene-d8A      ----------------ISTD---------------------
107)  Methyl Salicylate                                     0.000# -1.00
108)  Salicylic Acid                                        0.000# -1.00

109)     Acenaphthene-d10A    ----------------ISTD---------------------
110)  Diphenyl Ether                                        0.000# -1.00
 ---------------------------------------------------------------------------

                                                  Average  % RSD =   9.5

  (  1.0 %)  1 of  98 compounds'% RSD >  0
 ---------------------------------------------------------------------------
 (#) = Out of Range  ###  Number of calibration levels exceeded format  ###

          MF2402.M          Tue Aug 17 09:57:10 2004   MSF
```

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44505.D Vial: 2
Acq On : 16 Aug 2004 2:06 pm Operator: NINAP
Sample : ICC2402-50 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 16 15:17:52 2004 Quant Results File: MF2402.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Mon Aug 16 15:17:44 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.23	152	51743	40.00	ppb	0.00
25) Naphthalene-d8	8.85	136	191022	40.00	ppb	0.00
48) Acenaphthene-d10	12.92	164	121835	40.00	ppb	0.00
70) Phenanthrene-d10	16.39	188	261422	40.00	ppb	0.00
85) Chrysene-d12	21.94	240	331699	40.00	ppb	0.00
95) Perylene-d12	24.25	264	219104	40.00	ppb	0.00
106) Naphthalene-d8A	8.85	136	191022	40.00	ppb	0.00
109) Acenaphthene-d10A	12.92	164	121835	40.00	ppb	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.23	112	79946	50.00	ppb	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
8) Phenol-d5	5.72	99	106335	50.00	ppb	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
26) Nitrobenzene-d5	7.38	82	132156	50.00	ppb	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
52) 2-Fluorobiphenyl	11.41	172	243636	50.00	ppb	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
75) 2,4,6-Tribromophenol	14.82	330	41839	50.00	ppb	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
88) Terphenyl-d14	20.05	244	380033	50.19	ppb	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
Target Compounds						Qvalue
2) 1,4-Dioxane	2.42	88	42136	50.00	ppb	100
3) Pyridine	2.75	79	103155	50.00	ppb	100
4) N-Nitrosodimethylamine	2.71	42	60740	50.00	ppb	100
6) Indene	6.77	116	158471	50.00	ppb	100
7) Cumene	4.93	105	231588	50.00	ppb	100
9) Phenol	5.73	94	121721	50.00	ppb	100
10) Aniline	5.72	93	133808	50.00	ppb	100
11) bis(2-Chloroethyl)ether	5.83	93	82107	50.00	ppb	100
12) Benzaldehyde	5.48	105	26569	50.00	ppb	100
13) 2-Chlorophenol	5.92	128	94942	50.00	ppb	100
14) Decane	6.00	43	61534	50.00	ppb	100
15) 1,3-Dichlorobenzene	6.16	146	105403	50.00	ppb	100
16) 1,4-Dichlorobenzene	6.26	146	108246	50.00	ppb	100
17) Benzyl alcohol	6.57	108	58069	50.00	ppb	100
18) 1,2-Dichlorobenzene	6.62	146	101186	50.00	ppb	100
19) Acetophenone	7.08	105	142869	50.00	ppb	100
20) 2-Methylphenol	6.86	108	81910	50.00	ppb	100
21) 2,2'-oxybis(1-Chloropropan	6.87	121	31369	50.00	ppb	100
22) 3&4-Methylphenol	7.16	108	89418	50.00	ppb	100
23) n-Nitroso-di-n-propylamine	7.15	70	85039	50.00	ppb	100
24) Hexachloroethane	7.21	201	50610	50.00	ppb	100
27) Nitrobenzene	7.42	123	43058	50.00	ppb	100
28) Quinoline	9.68	129	175275	50.00	ppb	100
29) Isophorone	7.91	82	205953	50.00	ppb	100
30) 2-Nitrophenol	8.10	139	50327	50.00	ppb	100
31) 2,4-Dimethylphenol	8.26	107	116210	50.00	ppb	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44505.D Vial: 2
Acq On : 16 Aug 2004 2:06 pm Operator: NINAP
Sample : ICC2402-50 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 16 15:17:52 2004 Quant Results File: MF2402.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Mon Aug 16 15:17:44 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
32)	Benzoic acid	8.58	105	68176	50.00 ppb	100
33)	bis(2-Chloroethoxy)methane	8.45	93	100319	50.00 ppb	100
34)	2,4-Dichlorophenol	8.62	162	84781	50.00 ppb	100
35)	1,3,5-Trichlorobenzene	8.10	180	104664	50.00 ppb	100
36)	1,2,4-Trichlorobenzene	8.77	180	102963	50.00 ppb	100
37)	1,2,3-Trichlorobenzene	9.31	180	95225	50.00 ppb	100
38)	alpha-Terpineol	8.95	59	78369	50.00 ppb	100
39)	Naphthalene	8.89	128	278649	50.00 ppb	100
40)	4-Chloroaniline	9.12	127	109985	50.00 ppb	100
41)	2,3-Dichloroaniline	11.23	161	106386	50.00 ppb	100
42)	Caprolactam	9.85	55	26542	50.00 ppb	100
43)	Hexachlorobutadiene	9.34	225	85610	50.00 ppb	100
44)	4-Chloro-3-methylphenol	10.33	107	95070	50.00 ppb	100
45)	2-Methylnaphthalene	10.46	142	191714	50.00 ppb	100
46)	1-Methylnaphthalene	10.71	142	189093	50.00 ppb	100
47)	Dimethylnaphthalene	11.94	156	190566	50.00 ppb	100
49)	Hexachlorocyclopentadiene	11.01	237	188263	100.00 ppb	100
50)	2,4,6-Trichlorophenol	11.24	196	77019	50.00 ppb	100
51)	2,4,5-Trichlorophenol	11.34	196	79289	50.00 ppb	100
53)	2-Chloronaphthalene	11.58	162	196216	50.00 ppb	100
54)	Biphenyl	11.60	154	269939	50.00 ppb	100
55)	2-Nitroaniline	11.96	65	77138	50.00 ppb	100
56)	Dimethylphthalate	12.52	163	242115	50.00 ppb	100
57)	Acenaphthylene	12.55	152	297913	50.00 ppb	100
58)	2,6-Dinitrotoluene	12.64	165	51041	50.00 ppb	100
59)	3-Nitroaniline	12.96	138	47110	50.00 ppb	100
60)	Acenaphthene	12.99	153	204267	50.00 ppb	100
61)	2,4-Dinitrophenol	13.20	184	72792	100.00 ppb	100
62)	4-Nitrophenol	13.51	109	58681	50.00 ppb	100
63)	Dibenzofuran	13.38	168	280738	50.00 ppb	100
64)	2,4-Dinitrotoluene	13.56	165	74462	50.00 ppb	100
65)	2,3,4,6-Tetrachlorophenol	13.83	232	76218	50.00 ppb	100
66)	Diethylphthalate	14.21	149	273400	50.00 ppb	100
67)	Fluorene	14.19	166	250819	50.00 ppb	100
68)	4-Chlorophenyl-phenylether	14.26	204	137462	50.00 ppb	100
69)	4-Nitroaniline	14.42	138	47777	50.00 ppb	100
71)	4,6-Dinitro-2-methylphenol	14.52	198	53250	50.00 ppb	100
72)	Atrazine	16.00	200	76899	50.00 ppb	100
73)	n-Nitrosodiphenylamine	14.58	169	175961	50.00 ppb	100
74)	1,2-Diphenylhydrazine	14.62	77	614822	100.00 ppb	100
76)	4-Bromophenyl-phenylether	15.40	248	89791	50.00 ppb	100
77)	Hexachlorobenzene	15.69	284	94859	50.00 ppb	100
78)	Pentachlorophenol	16.16	266	131446	100.00 ppb	100
79)	Phenanthrene	16.44	178	375139	50.00 ppb	100
80)	Anthracene	16.55	178	376249	50.00 ppb	100
81)	Carbazole	17.01	167	313281	50.00 ppb	100
82)	Di-n-butylphthalate	18.10	149	424321	50.00 ppb	100
83)	Fluoranthene	19.18	202	475879	50.00 ppb	100
84)	Octadecane	16.38	57	112980	50.00 ppb	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44505.D Vial: 2
Acq On : 16 Aug 2004 2:06 pm Operator: NINAP
Sample : ICC2402-50 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 16 15:17:52 2004 Quant Results File: MF2402.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Mon Aug 16 15:17:44 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
86)	Benzidine	19.55	184	269989	100.37 ppb	100
87)	Pyrene	19.62	202	494531	50.19 ppb	100
89)	Butylbenzylphthalate	21.10	149	205499	50.15 ppb	100
90)	Butyl stearate	21.21	56	76296	50.19 ppb	100
91)	Benzo[a]anthracene	21.92	228	527530	50.19 ppb	100
92)	3,3'-Dichlorobenzidine	21.95	252	175692	50.19 ppb	100
93)	Chrysene	21.99	228	484524	50.19 ppb	100
94)	bis(2-Ethylhexyl)phthalate	22.20	149	279744	50.19 ppb	100
96)	Di-n-octylphthalate	23.19	149	426835	50.00 ppb	100
97)	Benzo[b]fluoranthene	23.67	252	523480	50.00 ppb	100
98)	Benzo[k]fluoranthene	23.72	252	568525	50.00 ppb	100
99)	Benzo[a]pyrene	24.16	252	459654	50.00 ppb	100
100)	Indeno[1,2,3-cd]pyrene	26.18	276	557814	50.00 ppb	100
101)	Dibenz(a,h)acridine	25.74	279	423635	50.00 ppb	100
102)	Dibenz[a,h]anthracene	26.21	278	469996	50.00 ppb	100
103)	7,12-Dimethylbenz(a)anthra	23.71	256	257622	50.00 ppb	100
104)	3-Methylcholanthrene	24.79	268	6777	50.00 ppb	100
105)	Benzo[g,h,i]perylene	26.71	276	451251	50.00 ppb	100

8/17/04

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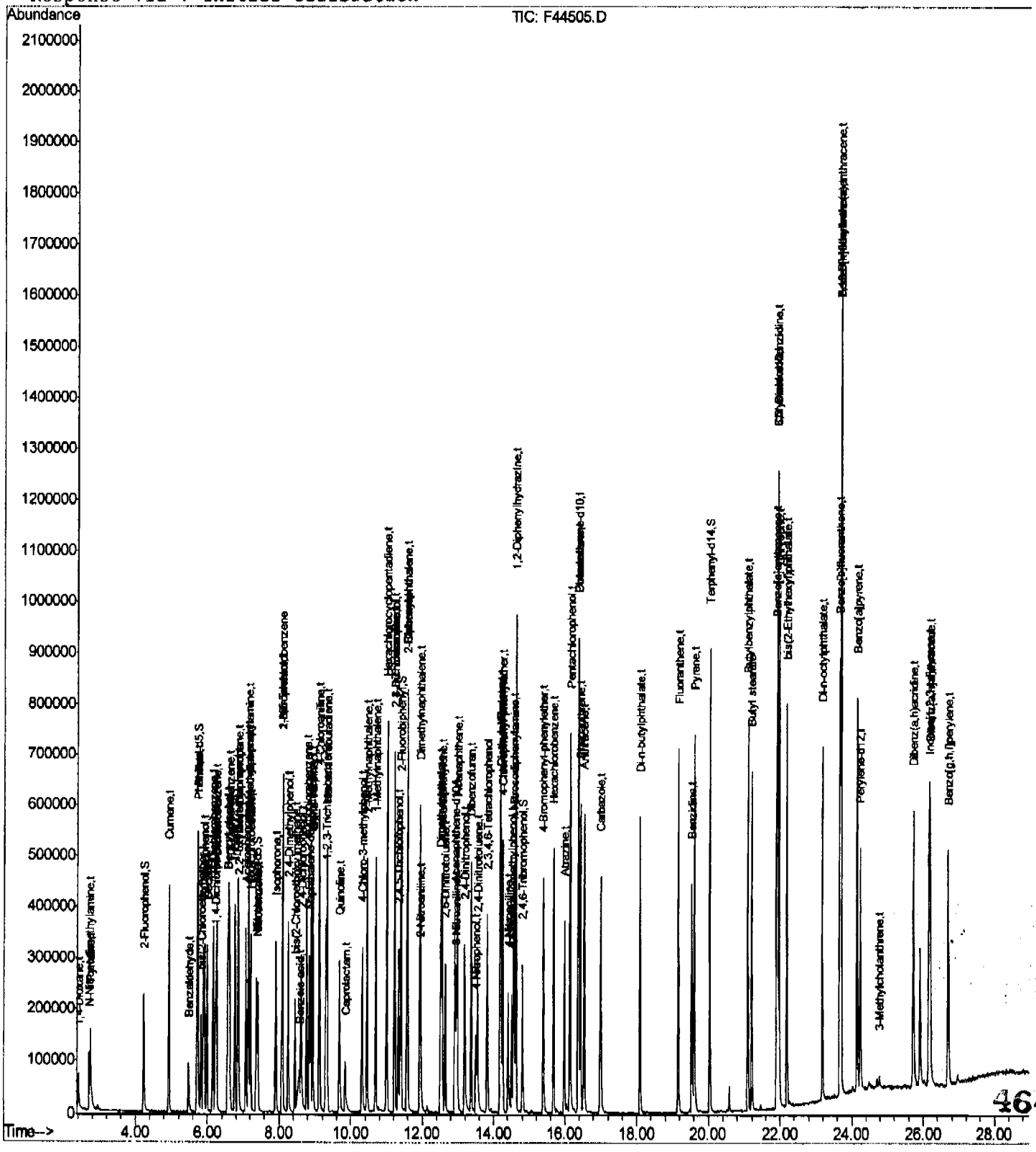
(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44505.D Vial: 2
Acq On : 16 Aug 2004 2:06 pm Operator: NINAP
Sample : ICC2402-50 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 16 15:17 2004 Quant Results File: MF2402.RES

Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 09:37:05 2004
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44506.D Vial: 3
Acq On : 16 Aug 2004 2:44 pm Operator: NINAP
Sample : IC2402-100 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 16 15:18:50 2004 Quant Results File: MF2402.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Mon Aug 16 15:17:44 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.23	152	47281	40.00	ppb	0.00
25) Naphthalene-d8	8.85	136	175880	40.00	ppb	0.00
48) Acenaphthene-d10	12.93	164	112872	40.00	ppb	0.00
70) Phenanthrene-d10	16.39	188	253119	40.00	ppb	0.00
85) Chrysene-d12	21.95	240	330683	40.00	ppb	0.00
95) Perylene-d12	24.26	264	201921	40.00	ppb	0.00
106) Naphthalene-d8A	8.85	136	175880	40.00	ppb	0.00
109) Acenaphthene-d10A	12.93	164	112872	40.00	ppb	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.24	112	144418	98.85	ppb	0.00
Spiked Amount 50.000			Recovery	=	197.70%	
8) Phenol-d5	5.72	99	197470	101.62	ppb	0.00
Spiked Amount 50.000			Recovery	=	203.24%	
26) Nitrobenzene-d5	7.39	82	242917	99.82	ppb	0.00
Spiked Amount 50.000			Recovery	=	199.64%	
52) 2-Fluorobiphenyl	11.41	172	443762	98.30	ppb	0.00
Spiked Amount 50.000			Recovery	=	196.60%	
75) 2,4,6-Tribromophenol	14.82	330	78230	96.56	ppb	0.00
Spiked Amount 50.000			Recovery	=	193.12%	
88) Terphenyl-d14	20.05	244	724580	95.98	ppb	0.00
Spiked Amount 50.000			Recovery	=	191.96%	

Target Compounds						Qvalue
2) 1,4-Dioxane	2.43	88	69383	90.10	ppb	97
3) Pyridine	2.75	79	185005	98.14	ppb	96
4) N-Nitrosodimethylamine	2.72	42	107633	96.96	ppb	98
6) Indene	6.77	116	288958	99.77	ppb	97
7) Cumene	4.93	105	409683	96.80	ppb	98
9) Phenol	5.74	94	222458	100.00	ppb	89
10) Aniline	5.73	93	240757	98.45	ppb	94
11) bis(2-Chloroethyl)ether	5.84	93	145261	96.81	ppb	98
12) Benzaldehyde	5.48	105	20968	43.18	ppb	98
13) 2-Chlorophenol	5.92	128	170264	98.13	ppb	99
14) Decane	6.00	43	111187	98.87	ppb	92
15) 1,3-Dichlorobenzene	6.16	146	186199	96.66	ppb	95
16) 1,4-Dichlorobenzene	6.26	146	193022	97.57	ppb	96
17) Benzyl alcohol	6.57	108	111295	104.87	ppb	97
18) 1,2-Dichlorobenzene	6.62	146	181408	98.10	ppb	96
19) Acetophenone	7.09	105	248283	95.09	ppb	98
20) 2-Methylphenol	6.86	108	149711	100.01	ppb	98
21) 2,2'-oxybis(1-Chloropropan	6.87	121	56902	99.26	ppb	94
22) 3&4-Methylphenol	7.16	108	160789	98.39	ppb	90
23) n-Nitroso-di-n-propylamine	7.16	70	155302	99.93	ppb	96
24) Hexachloroethane	7.21	201	90541	97.89	ppb	98
27) Nitrobenzene	7.42	123	77085	97.22	ppb	96
28) Quinoline	9.69	129	321580	99.63	ppb	99
29) Isophorone	7.92	82	369927	97.54	ppb	99
30) 2-Nitrophenol	8.10	139	95898	103.48	ppb	96
31) 2,4-Dimethylphenol	8.27	107	208124	97.26	ppb	98

(#) = qualifier out of range (m) = manual integration

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Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44506.D Vial: 3
Acq On : 16 Aug 2004 2:44 pm Operator: NINAP
Sample : IC2402-100 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 16 15:18:50 2004 Quant Results File: MF2402.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Mon Aug 16 15:17:44 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
32)	Benzoic acid	8.64	105	148708	118.45 ppb		94
33)	bis(2-Chloroethoxy)methane	8.45	93	182160	98.61 ppb		98
34)	2,4-Dichlorophenol	8.62	162	152063	97.40 ppb		98
35)	1,3,5-Trichlorobenzene	8.10	180	191271	99.24 ppb		99
36)	1,2,4-Trichlorobenzene	8.77	180	181868	95.92 ppb		97
37)	1,2,3-Trichlorobenzene	9.31	180	171629	97.88 ppb		97
38)	alpha-Terpineol	8.95	59	137031	94.95 ppb		97
39)	Naphthalene	8.89	128	503819	98.19 ppb		99
40)	4-Chloroaniline	9.13	127	202637	100.05 ppb		99
41)	2,3-Dichloroaniline	11.23	161	196984	100.55 ppb		99
42)	Caprolactam	9.86	55	50960	104.26 ppb		90
43)	Hexachlorobutadiene	9.34	225	158967	100.84 ppb		97
44)	4-Chloro-3-methylphenol	10.33	107	172436	98.50 ppb		98
45)	2-Methylnaphthalene	10.47	142	350052	99.16 ppb		99
46)	1-Methylnaphthalene	10.71	142	349253	100.30 ppb		99
47)	Dimethylnaphthalene	11.94	156	351048	100.04 ppb		99
49)	Hexachlorocyclopentadiene	11.01	237	354770	203.41 ppb		93
50)	2,4,6-Trichlorophenol	11.24	196	145816	102.18 ppb		99
51)	2,4,5-Trichlorophenol	11.34	196	141931m	96.61 ppb		
53)	2-Chloronaphthalene	11.58	162	360209	99.08 ppb		99
54)	Biphenyl	11.59	154	503863	100.74 ppb		97
55)	2-Nitroaniline	11.96	65	137549	96.24 ppb		87
56)	Dimethylphthalate	12.52	163	436136	97.22 ppb		99
57)	Acenaphthylene	12.56	152	550024	99.64 ppb		98
58)	2,6-Dinitrotoluene	12.65	165	93182	98.53 ppb		95
59)	3-Nitroaniline	12.96	138	89219	102.21 ppb		98
60)	Acenaphthene	13.00	153	371567	98.17 ppb		96
61)	2,4-Dinitrophenol	13.21	184	140118	207.78 ppb		93
62)	4-Nitrophenol	13.51	109	107205	98.60 ppb		97
63)	Dibenzofuran	13.38	168	514011	98.82 ppb		99
64)	2,4-Dinitrotoluene	13.57	165	137041	99.33 ppb		99
65)	2,3,4,6-Tetrachlorophenol	13.83	232	143996	101.96 ppb		99
66)	Diethylphthalate	14.22	149	493855	97.49 ppb		100
67)	Fluorene	14.20	166	461110	99.22 ppb		99
68)	4-Chlorophenyl-phenylether	14.26	204	260028	102.09 ppb		96
69)	4-Nitroaniline	14.43	138	88841	100.36 ppb		96
71)	4,6-Dinitro-2-methylphenol	14.53	198	101206	98.15 ppb	#	67
72)	Atrazine	16.01	200	133119	89.39 ppb		98
73)	n-Nitrosodiphenylamine	14.59	169	321031	94.21 ppb		99
74)	1,2-Diphenylhydrazine	14.63	77	1131663	190.10 ppb		96
76)	4-Bromophenyl-phenylether	15.40	248	167729	96.46 ppb		95
77)	Hexachlorobenzene	15.69	284	170362	92.74 ppb		98
78)	Pentachlorophenol	16.16	266	253834	199.44 ppb		98
79)	Phenanthrene	16.45	178	673640	92.73 ppb		97
80)	Anthracene	16.55	178	684463	93.94 ppb		99
81)	Carbazole	17.01	167	576581	95.04 ppb		99
82)	Di-n-butylphthalate	18.11	149	787196	95.80 ppb		99
83)	Fluoranthene	19.18	202	876370	95.10 ppb		99
84)	Octadecane	16.38	57	212015	96.91 ppb		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44506.D Vial: 3
Acq On : 16 Aug 2004 2:44 pm Operator: NINAP
Sample : IC2402-100 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 16 15:18:50 2004 Quant Results File: MF2402.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Mon Aug 16 15:17:44 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

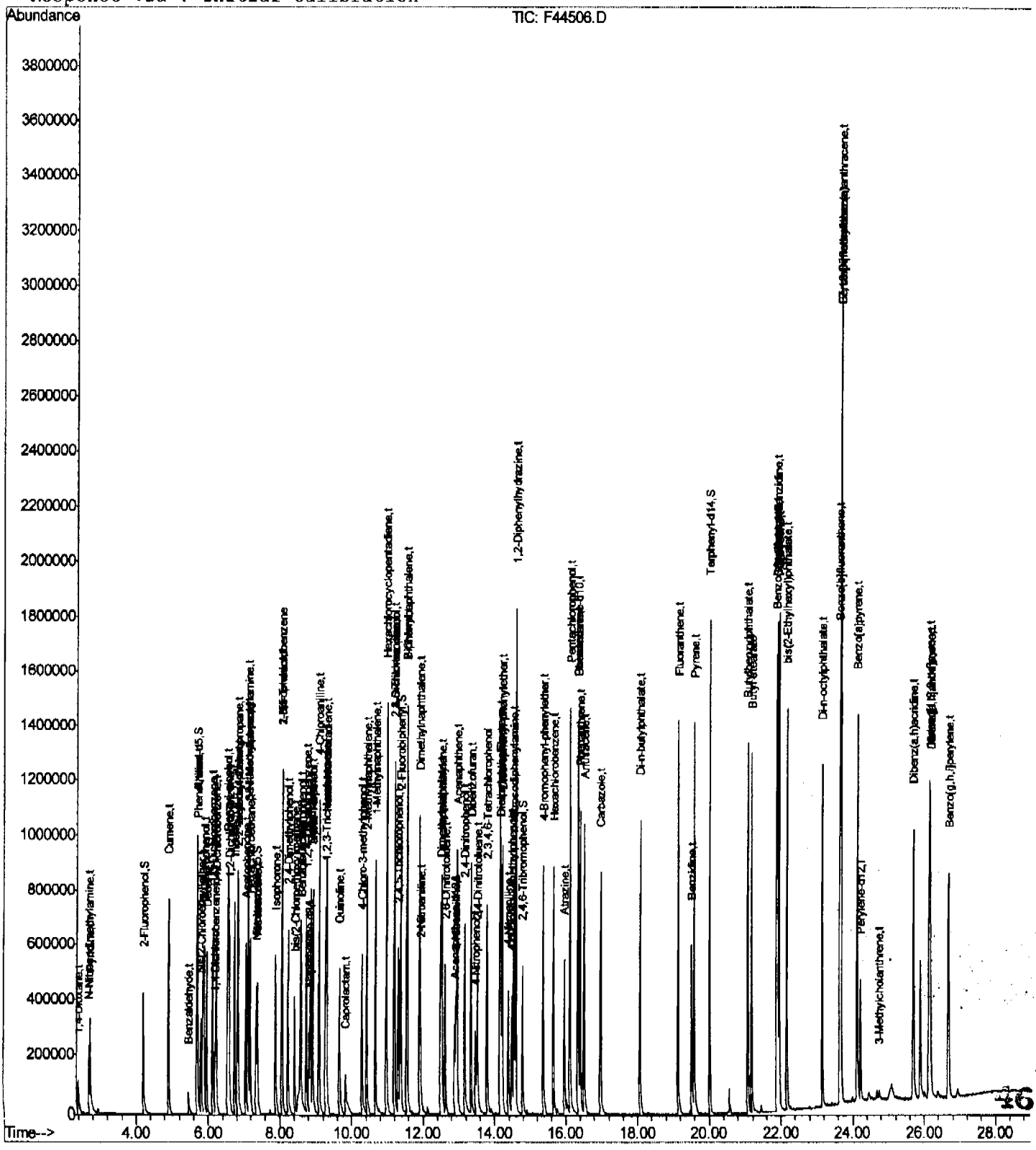
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
86)	Benzidine	19.55	184	345232	128.74 ppb	98
87)	Pyrene	19.62	202	916918	93.34 ppb	100
89)	Butylbenzylphthalate	21.11	149	371858	91.03 ppb	98
90)	Butyl stearate	21.22	56	140503	92.70 ppb	100
91)	Benzo[a]anthracene	21.92	228	962598	91.86 ppb	99
92)	3,3'-Dichlorobenzidine	21.95	252	312495	89.54 ppb	98
93)	Chrysene	21.99	228	912650	94.82 ppb	99
94)	bis(2-Ethylhexyl)phthalate	22.21	149	517702	93.16 ppb	99
96)	Di-n-octylphthalate	23.20	149	790015	100.42 ppb	99
97)	Benzo[b]fluoranthene	23.68	252	951705	98.64 ppb	98
98)	Benzo[k]fluoranthene	23.73	252	1113786	106.29 ppb	100
99)	Benzo[a]pyrene	24.17	252	849106	100.22 ppb	100
100)	Indeno[1,2,3-cd]pyrene	26.20	276	1050392	102.16 ppb	99
101)	Dibenz(a,h)acridine	25.75	279	788151	100.94 ppb	99
102)	Dibenz[a,h]anthracene	26.23	278	903492	104.30 ppb	99
103)	7,12-Dimethylbenz(a)anthra	23.72	256	497815	104.84 ppb	97
104)	3-Methylcholanthrene	24.79	268	12872	103.05 ppb	91
105)	Benzo[g,h,i]perylene	26.73	276	844461	101.53 ppb	99

(#) = qualifier out of range (m) = manual integration
F44506.D MF2402.M Tue Aug 17 09:38:49 2004 MSF Page

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44506.D Vial: 3
Acq On : 16 Aug 2004 2:44 pm Operator: NINAP
Sample : IC2402-100 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 16 15:20 2004 Quant Results File: MF2402.RES

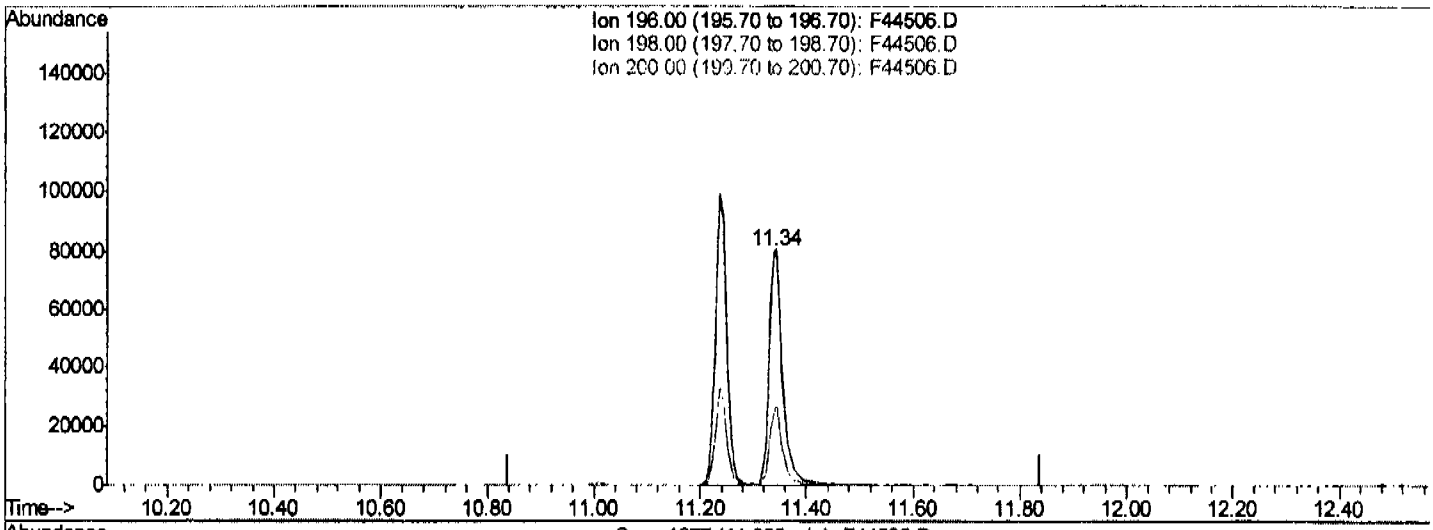
Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 09:37:05 2004
Response via : Initial Calibration

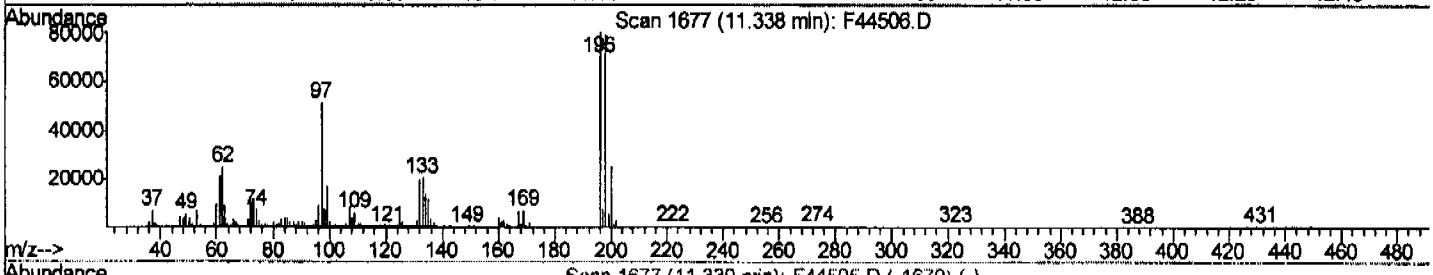


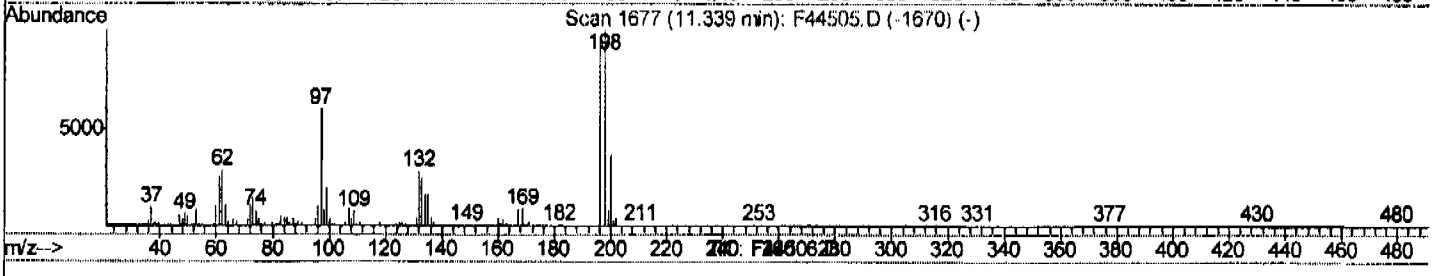
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44506.D Vial: 3
Acq On : 16 Aug 2004 2:44 pm Operator: NINAP
Sample : IC2402-100 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 16 15:20 2004 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 09:37:05 2004
Response via : Multiple Level Calibration







(51) 2,4,5-Trichlorophenol (t)

11.34min 98.61ppb m

response 141931

Ion	Exp%	Act%
196.00	100	100
198.00	103.90	98.71
200.00	36.90	31.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44507.D Vial: 4
Acq On : 16 Aug 2004 4:36 pm Operator: NINAP
Sample : IC2402-80 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 08:13:00 2004 Quant Results File: MF2402.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Mon Aug 16 15:17:44 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.23	152	43196	40.00 ppb	0.00
25) Naphthalene-d8	8.85	136	162618	40.00 ppb	0.00
48) Acenaphthene-d10	12.92	164	106540	40.00 ppb	0.00
70) Phenanthrene-d10	16.39	188	241280	40.00 ppb	0.00
85) Chrysene-d12	21.94	240	307676	40.00 ppb	0.00
95) Perylene-d12	24.26	264	197341	40.00 ppb	0.00
106) Naphthalene-d8A	8.85	136	162618	40.00 ppb	0.00
109) Acenaphthene-d10A	12.92	164	106540	40.00 ppb	0.00
System Monitoring Compounds					
5) 2-Fluorophenol	4.23	112	106917	80.10 ppb	0.00
Spiked Amount 50.000			Recovery	= 160.20%	
8) Phenol-d5	5.72	99	141716	79.82 ppb	0.00
Spiked Amount 50.000			Recovery	= 159.64%	
26) Nitrobenzene-d5	7.38	82	173845	77.26 ppb	0.00
Spiked Amount 50.000			Recovery	= 154.52%	
52) 2-Fluorobiphenyl	11.41	172	325065	76.29 ppb	0.00
Spiked Amount 50.000			Recovery	= 152.58%	
75) 2,4,6-Tribromophenol	14.82	330	56935	73.72 ppb	0.00
Spiked Amount 50.000			Recovery	= 147.44%	
88) Terphenyl-d14	20.05	244	534104	76.04 ppb	0.00
Spiked Amount 50.000			Recovery	= 152.08%	

Target Compounds					Qvalue
2) 1,4-Dioxane	2.42	88	51833	73.68 ppb	98
3) Pyridine	2.75	79	131142	76.14 ppb	97
4) N-Nitrosodimethylamine	2.72	42	78830	77.73 ppb	87
6) Indene	6.77	116	204794	77.40 ppb	98
7) Cumene	4.93	105	298270	77.14 ppb	98
9) Phenol	5.74	94	159613	78.54 ppb	87
10) Aniline	5.72	93	173788	77.79 ppb	99
11) bis(2-Chloroethyl)ether	5.83	93	104981	76.58 ppb	100
12) Benzaldehyde	5.48	105	21961	49.51 ppb	95
13) 2-Chlorophenol	5.92	128	122542	77.30 ppb	91
14) Decane	6.00	43	81941	79.76 ppb	92
15) 1,3-Dichlorobenzene	6.16	146	135905	77.23 ppb	99
16) 1,4-Dichlorobenzene	6.26	146	141182	78.12 ppb	95
17) Benzyl alcohol	6.57	108	80233	82.75 ppb	94
18) 1,2-Dichlorobenzene	6.61	146	131626	77.91 ppb	100
19) Acetophenone	7.08	105	182463	76.49 ppb	99
20) 2-Methylphenol	6.86	108	105414	77.08 ppb	99
21) 2,2'-oxybis(1-Chloropropan	6.87	121	39854	76.09 ppb	86
22) 3&4-Methylphenol	7.16	108	115468	77.34 ppb	89
23) n-Nitroso-di-n-propylamine	7.15	70	114131	80.38 ppb	100
24) Hexachloroethane	7.21	201	64819	76.71 ppb	99
27) Nitrobenzene	7.42	123	57366	78.25 ppb	97
28) Quinoline	9.68	129	238048	79.77 ppb	99
29) Isophorone	7.91	82	269773	76.93 ppb	99
30) 2-Nitrophenol	8.09	139	68029	79.39 ppb	98
31) 2,4-Dimethylphenol	8.26	107	149918	75.77 ppb	96

(#) = qualifier out of range (m) = manual integration

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Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44507.D Vial: 4
Acq On : 16 Aug 2004 4:36 pm Operator: NINAP
Sample : IC2402-80 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 08:13:00 2004 Quant Results File: MF2402.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Mon Aug 16 15:17:44 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
32)	Benzoic acid	8.61	105	108267	93.27 ppb		97
33)	bis(2-Chloroethoxy)methane	8.45	93	130575	76.45 ppb		99
34)	2,4-Dichlorophenol	8.62	162	110116	76.28 ppb		97
35)	1,3,5-Trichlorobenzene	8.10	180	134631	75.55 ppb		100
36)	1,2,4-Trichlorobenzene	8.77	180	132476	75.57 ppb		94
37)	1,2,3-Trichlorobenzene	9.31	180	124229	76.62 ppb		98
38)	alpha-Terpineol	8.95	59	104089	78.01 ppb		93
39)	Naphthalene	8.89	128	365123	76.96 ppb		98
40)	4-Chloroaniline	9.12	127	144750	77.30 ppb		99
41)	2,3-Dichloroaniline	11.23	161	141646	78.20 ppb		99
42)	Caprolactam	9.86	55	40031	88.58 ppb		87
43)	Hexachlorobutadiene	9.34	225	115636	79.33 ppb		99
44)	4-Chloro-3-methylphenol	10.33	107	129248	79.85 ppb	#	67
45)	2-Methylnaphthalene	10.46	142	258492	79.19 ppb		99
46)	1-Methylnaphthalene	10.71	142	257497	79.98 ppb		97
47)	Dimethylnaphthalene	11.94	156	256287	78.99 ppb		97
49)	Hexachlorocyclopentadiene	11.01	237	247758	150.50 ppb		93
50)	2,4,6-Trichlorophenol	11.24	196	104585	77.64 ppb		96
51)	2,4,5-Trichlorophenol	11.34	196	105928	76.39 ppb		99
53)	2-Chloronaphthalene	11.58	162	263622	76.82 ppb		96
54)	Biphenyl	11.60	154	365446	77.41 ppb		96
55)	2-Nitroaniline	11.96	65	99872	74.03 ppb		91
56)	Dimethylphthalate	12.52	163	322425	76.14 ppb		98
57)	Acenaphthylene	12.55	152	404110	77.56 ppb		96
58)	2,6-Dinitrotoluene	12.65	165	69729	78.11 ppb		97
59)	3-Nitroaniline	12.96	138	64485	78.27 ppb		93
60)	Acenaphthene	12.99	153	273189	76.47 ppb		95
61)	2,4-Dinitrophenol	13.20	184	102832	161.55 ppb		89
62)	4-Nitrophenol	13.51	109	80441	78.38 ppb		95
63)	Dibenzofuran	13.38	168	382470	77.90 ppb		97
64)	2,4-Dinitrotoluene	13.57	165	103500	79.48 ppb		96
65)	2,3,4,6-Tetrachlorophenol	13.83	232	106526	79.91 ppb		98
66)	Diethylphthalate	14.21	149	370117	77.41 ppb		98
67)	Fluorene	14.19	166	342371	78.05 ppb		99
68)	4-Chlorophenyl-phenylether	14.26	204	186094	77.41 ppb		98
69)	4-Nitroaniline	14.43	138	65361	78.22 ppb		91
71)	4,6-Dinitro-2-methylphenol	14.52	198	72861	74.13 ppb		86
72)	Atrazine	16.00	200	98869	69.65 ppb		97
73)	n-Nitrosodiphenylamine	14.58	169	238584	73.45 ppb		98
74)	1,2-Diphenylhydrazine	14.63	77	845072	148.92 ppb		97
76)	4-Bromophenyl-phenylether	15.40	248	122966	74.19 ppb		98
77)	Hexachlorobenzene	15.69	284	127049	72.56 ppb		95
78)	Pentachlorophenol	16.16	266	183942	151.62 ppb		99
79)	Phenanthrene	16.44	178	498771	72.03 ppb		98
80)	Anthracene	16.55	178	511919	73.71 ppb		98
81)	Carbazole	17.01	167	434270	75.10 ppb		98
82)	Di-n-butylphthalate	18.10	149	585883	74.80 ppb		99
83)	Fluoranthene	19.18	202	648435	73.82 ppb		99
84)	Octadecane	16.38	57	155542	74.58 ppb		97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44507.D Vial: 4
Acq On : 16 Aug 2004 4:36 pm Operator: NINAP
Sample : IC2402-80 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 08:13:00 2004 Quant Results File: MF2402.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Mon Aug 16 15:17:44 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
86)	Benzidine	19.55	184	285595	114.46 ppb	99
87)	Pyrene	19.62	202	684153	74.85 ppb	99
89)	Butylbenzylphthalate	21.11	149	278344	73.24 ppb	99
90)	Butyl stearate	21.22	56	106598	75.59 ppb	99
91)	Benzo[a]anthracene	21.92	228	713194	73.15 ppb	99
92)	3,3'-Dichlorobenzidine	21.95	252	228471	70.36 ppb	94
93)	Chrysene	21.99	228	690889	77.15 ppb	98
94)	bis(2-Ethylhexyl)phthalate	22.21	149	387213	74.89 ppb	98
96)	Di-n-octylphthalate	23.19	149	587595	76.42 ppb	99
97)	Benzo[b]fluoranthene	23.68	252	739270	78.40 ppb	100
98)	Benzo[k]fluoranthene	23.72	252	773854	75.56 ppb	100
99)	Benzo[a]pyrene	24.17	252	629115	75.98 ppb	100
100)	Indeno[1,2,3-cd]pyrene	26.18	276	761284	75.76 ppb	100
101)	Dibenz(a,h)acridine	25.75	279	574460	75.28 ppb	99
102)	Dibenz[a,h]anthracene	26.22	278	654540	77.31 ppb	99
103)	7,12-Dimethylbenz(a)anthra	23.71	256	353924	76.27 ppb	97
104)	3-Methylcholanthrene	24.79	268	10385	85.07 ppb	93
105)	Benzo[g,h,i]perylene	26.72	276	620533	76.34 ppb	98

08/17/04

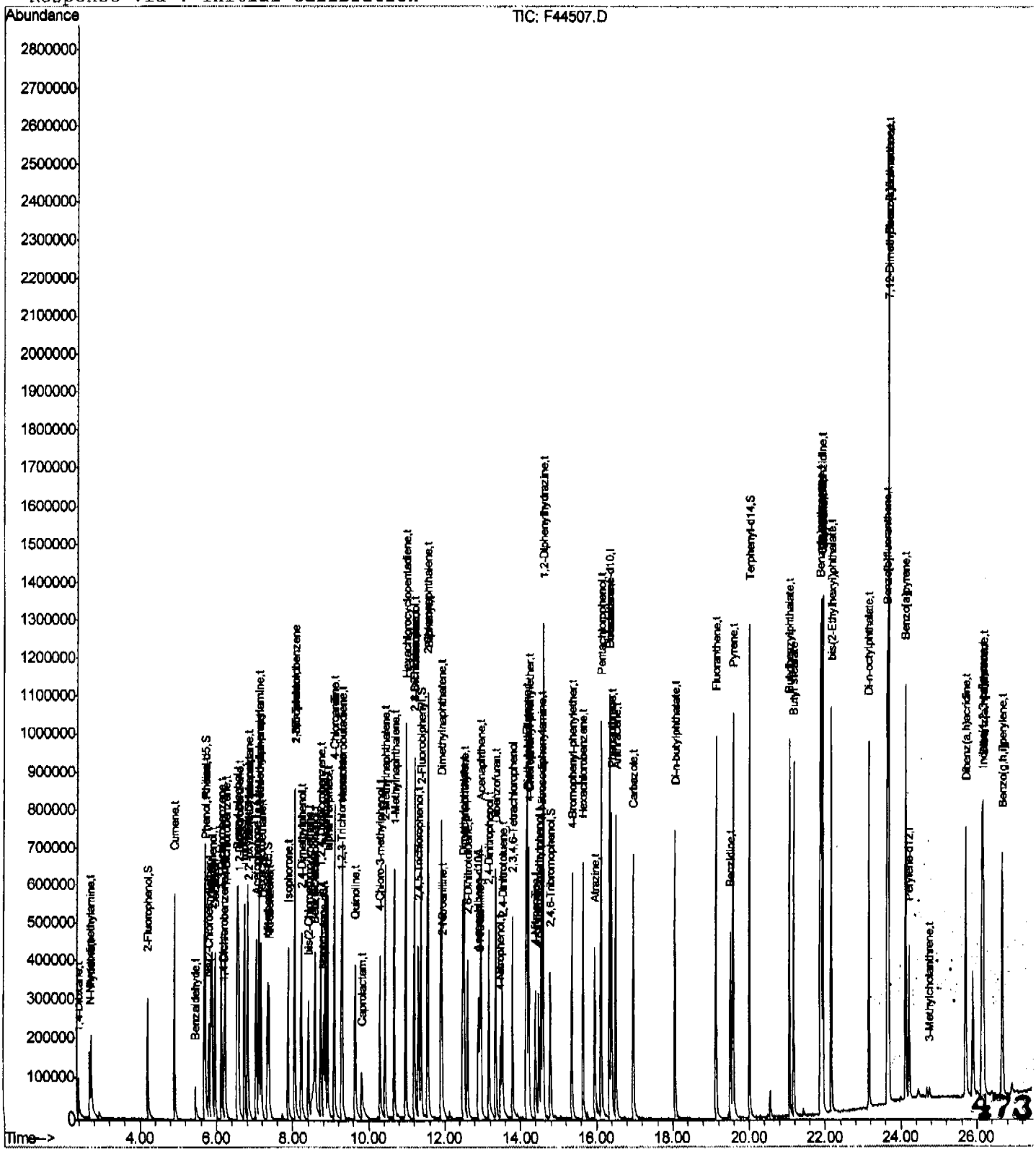
472

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44507.D Vial: 4
Acq On : 16 Aug 2004 4:36 pm Operator: NINAP
Sample : IC2402-80 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 8:13 2004 Quant Results File: MF2402.RES

Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 09:37:05 2004
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44508.D Vial: 5
Acq On : 16 Aug 2004 6:24 pm Operator: NINAP
Sample : IC2402-25 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 08:10:48 2004 Quant Results File: MF2402.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Mon Aug 16 15:17:44 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.23	152	57542	40.00 ppb	0.00
25) Naphthalene-d8	8.84	136	219857	40.00 ppb	0.00
48) Acenaphthene-d10	12.92	164	141248	40.00 ppb	0.00
70) Phenanthrene-d10	16.39	188	295819	40.00 ppb	0.00
85) Chrysene-d12	21.94	240	389135	40.00 ppb	0.00
95) Perylene-d12	24.25	264	260728	40.00 ppb	0.00
106) Naphthalene-d8A	8.84	136	219857	40.00 ppb	0.00
109) Acenaphthene-d10A	12.92	164	141248	40.00 ppb	0.00
System Monitoring Compounds					
5) 2-Fluorophenol	4.23	112	42878	24.11 ppb	0.00
Spiked Amount 50.000			Recovery = 48.22%		
8) Phenol-d5	5.71	99	55092	23.29 ppb	0.00
Spiked Amount 50.000			Recovery = 46.58%		
26) Nitrobenzene-d5	7.38	82	70209	23.08 ppb	0.00
Spiked Amount 50.000			Recovery = 46.16%		
52) 2-Fluorobiphenyl	11.40	172	133009	23.55 ppb	0.00
Spiked Amount 50.000			Recovery = 47.10%		
75) 2,4,6-Tribromophenol	14.82	330	23046	24.34 ppb	0.00
Spiked Amount 50.000			Recovery = 48.68%		
88) Terphenyl-d14	20.05	244	210522	23.70 ppb	0.00
Spiked Amount 50.000			Recovery = 47.40%		

Target Compounds					Qvalue
2) 1,4-Dioxane	2.42	88	22266	23.76 ppb	99
3) Pyridine	2.75	79	56926	24.81 ppb	98
4) N-Nitrosodimethylamine	2.72	42	32192	23.83 ppb	93
6) Indene	6.76	116	85518	24.26 ppb	97
7) Cumene	4.93	105	123486	23.97 ppb	97
9) Phenol	5.73	94	63766	23.55 ppb	94
10) Aniline	5.72	93	66876	22.47 ppb	89
11) bis(2-Chloroethyl)ether	5.83	93	43427	23.78 ppb	98
12) Benzaldehyde	5.48	105	21308	36.06 ppb	94
13) 2-Chlorophenol	5.92	128	49613	23.49 ppb	92
14) Decane	5.99	43	34071	24.89 ppb	91
15) 1,3-Dichlorobenzene	6.16	146	55894	23.84 ppb	97
16) 1,4-Dichlorobenzene	6.26	146	58744	24.40 ppb	87
17) Benzyl alcohol	6.57	108	31607	24.47 ppb	100
18) 1,2-Dichlorobenzene	6.61	146	54392	24.17 ppb	98
19) Acetophenone	7.08	105	77936	24.53 ppb	99
20) 2-Methylphenol	6.86	108	42807	23.50 ppb	98
21) 2,2'-oxybis(1-Chloropropan	6.87	121	16782	24.05 ppb	97
22) 3&4-Methylphenol	7.16	108	45094	22.67 ppb	89
23) n-Nitroso-di-n-propylamine	7.14	70	47009	24.85 ppb	94
24) Hexachloroethane	7.21	201	28370	25.20 ppb	91
27) Nitrobenzene	7.41	123	23326	23.53 ppb	98
28) Quinoline	9.67	129	96685	23.96 ppb	97
29) Isophorone	7.91	82	110034	23.21 ppb	98
30) 2-Nitrophenol	8.10	139	26182	22.60 ppb	88
31) 2,4-Dimethylphenol	8.26	107	56233	21.02 ppb	88

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44508.D Vial: 5
Acq On : 16 Aug 2004 6:24 pm Operator: NINAP
Sample : IC2402-25 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 08:10:48 2004 Quant Results File: MF2402.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Mon Aug 16 15:17:44 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
32)	Benzoic acid	8.53	105	38286	24.40	ppb		95
33)	bis(2-Chloroethoxy)methane	8.44	93	54360	23.54	ppb		100
34)	2,4-Dichlorophenol	8.62	162	43190	22.13	ppb		98
35)	1,3,5-Trichlorobenzene	8.09	180	54390	22.58	ppb		100
36)	1,2,4-Trichlorobenzene	8.77	180	52802	22.28	ppb		89
37)	1,2,3-Trichlorobenzene	9.30	180	51474	23.48	ppb		98
38)	alpha-Terpineol	8.94	59	42710	23.68	ppb		88
39)	Naphthalene	8.89	128	150917	23.53	ppb		97
40)	4-Chloroaniline	9.12	127	57436	22.69	ppb		97
41)	2,3-Dichloroaniline	11.23	161	55923	22.84	ppb		97
42)	Caprolactam	9.82	55	15408	25.22	ppb		84
43)	Hexachlorobutadiene	9.34	225	47145	23.92	ppb		98
44)	4-Chloro-3-methylphenol	10.32	107	48601	22.21	ppb	#	34
45)	2-Methylnaphthalene	10.46	142	104028	23.57	ppb		97
46)	1-Methylnaphthalene	10.70	142	104711	24.06	ppb		98
47)	Dimethylnaphthalene	11.93	156	101152	23.06	ppb		96
49)	Hexachlorocyclopentadiene	11.01	237	89890	41.18	ppb		96
50)	2,4,6-Trichlorophenol	11.23	196	38663	21.65	ppb		93
51)	2,4,5-Trichlorophenol	11.33	196	41321	22.48	ppb		93
53)	2-Chloronaphthalene	11.57	162	104261	22.92	ppb		98
54)	Biphenyl	11.59	154	144703	23.12	ppb		95
55)	2-Nitroaniline	11.96	65	39597	22.14	ppb		93
56)	Dimethylphthalate	12.51	163	128625	22.91	ppb		98
57)	Acenaphthylene	12.55	152	164229	23.77	ppb		95
58)	2,6-Dinitrotoluene	12.64	165	27567	23.29	ppb		97
59)	3-Nitroaniline	12.96	138	24672	22.59	ppb		94
60)	Acenaphthene	12.99	153	107336	22.66	ppb		97
61)	2,4-Dinitrophenol	13.20	184	34878	41.33	ppb		96
62)	4-Nitrophenol	13.52	109	29244	21.49	ppb		93
63)	Dibenzofuran	13.38	168	150423	23.11	ppb		97
64)	2,4-Dinitrotoluene	13.57	165	40071	23.21	ppb		95
65)	2,3,4,6-Tetrachlorophenol	13.83	232	41481	23.47	ppb		98
66)	Diethylphthalate	14.21	149	146196	23.06	ppb		96
67)	Fluorene	14.19	166	132051	22.71	ppb		96
68)	4-Chlorophenyl-phenylether	14.26	204	73259	22.98	ppb		96
69)	4-Nitroaniline	14.41	138	22720	20.51	ppb		96
71)	4,6-Dinitro-2-methylphenol	14.51	198	26861	22.29	ppb	#	67
72)	Atrazine	15.99	200	39649	22.78	ppb		98
73)	n-Nitrosodiphenylamine	14.57	169	93381	23.45	ppb		95
74)	1,2-Diphenylhydrazine	14.62	77	330284	47.47	ppb		99
76)	4-Bromophenyl-phenylether	15.39	248	49654	24.43	ppb		97
77)	Hexachlorobenzene	15.69	284	50339	23.45	ppb		98
78)	Pentachlorophenol	16.15	266	64725	43.52	ppb		93
79)	Phenanthrene	16.44	178	200787	23.65	ppb		98
80)	Anthracene	16.54	178	201618	23.68	ppb		99
81)	Carbazole	17.00	167	167057	23.56	ppb		99
82)	Di-n-butylphthalate	18.10	149	225741	23.51	ppb		100
83)	Fluoranthene	19.18	202	252295	23.43	ppb		98
84)	Octadecane	16.38	57	63469	24.82	ppb		96

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44508.D Vial: 5
Acq On : 16 Aug 2004 6:24 pm Operator: NINAP
Sample : IC2402-25 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 08:10:48 2004 Quant Results File: MF2402.RES

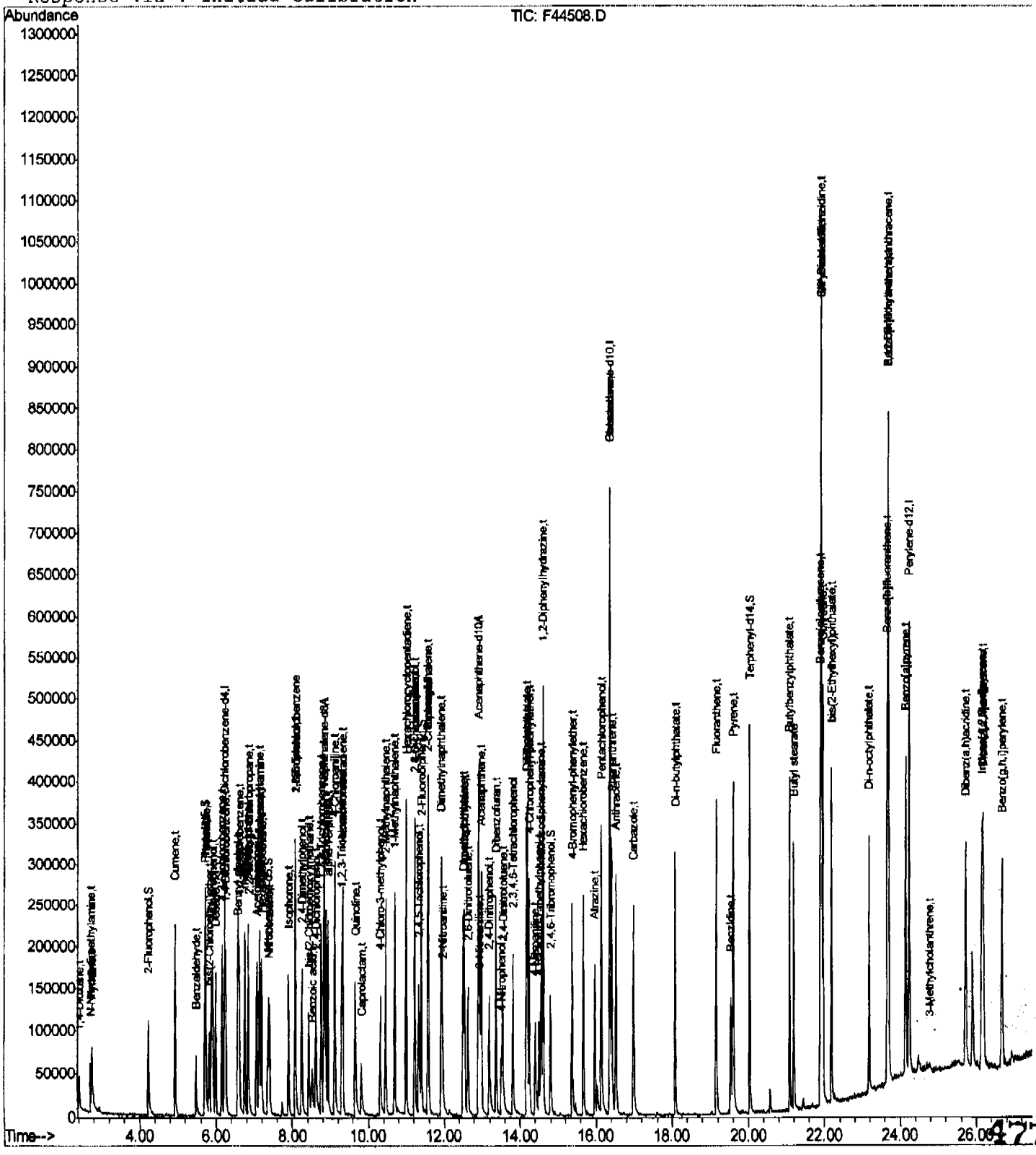
Quant Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Mon Aug 16 15:17:44 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
86)	Benzidine	19.55	184	91911	29.13	ppb	98
87)	Pyrene	19.62	202	268964	23.27	ppb	99
89)	Butylbenzylphthalate	21.10	149	105017	21.85	ppb	91
90)	Butyl stearate	21.21	56	39097	21.92	ppb	96
91)	Benzo[a]anthracene	21.91	228	274921	22.29	ppb	99
92)	3,3'-Dichlorobenzidine	21.94	252	91641	22.31	ppb	98
93)	Chrysene	21.99	228	266157	23.50	ppb	98
94)	bis(2-Ethylhexyl)phthalate	22.20	149	144257	22.06	ppb	99
96)	Di-n-octylphthalate	23.19	149	208488	20.52	ppb	98
97)	Benzo[b]fluoranthene	23.67	252	262615	21.08	ppb	99
98)	Benzo[k]fluoranthene	23.71	252	300019	22.17	ppb	99
99)	Benzo[a]pyrene	24.16	252	242479	22.17	ppb	98
100)	Indeno[1,2,3-cd]pyrene	26.18	276	295348	22.25	ppb	97
101)	Dibenz(a,h)acridine	25.74	279	228932	22.71	ppb	98
102)	Dibenz[a,h]anthracene	26.21	278	251926	22.52	ppb	98
103)	7,12-Dimethylbenz(a)anthra	23.70	256	124480	20.30	ppb	97
104)	3-Methylcholanthrene	24.80	268	4635	28.74	ppb	77
105)	Benzo[g,h,i]perylene	26.71	276	245299	22.84	ppb	99

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44508.D Vial: 5
Acq On : 16 Aug 2004 6:24 pm Operator: NINAP
Sample : IC2402-25 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 8:11 2004 Quant Results File: MF2402.RES

Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 09:37:05 2004
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44509.D Vial: 6
Acq On : 16 Aug 2004 7:01 pm Operator: NINAP
Sample : IC2402-10 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 08:11:52 2004 Quant Results File: MF2402.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Mon Aug 16 15:17:44 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.23	152	65970	40.00 ppb	0.00
25) Naphthalene-d8	8.84	136	247709	40.00 ppb	0.00
48) Acenaphthene-d10	12.92	164	156079	40.00 ppb	0.00
70) Phenanthrene-d10	16.38	188	325735	40.00 ppb	0.00
85) Chrysene-d12	21.94	240	428352	40.00 ppb	0.00
95) Perylene-d12	24.25	264	296419	40.00 ppb	0.00
106) Naphthalene-d8A	8.84	136	247709	40.00 ppb	0.00
109) Acenaphthene-d10A	12.92	164	156079	40.00 ppb	0.00
System Monitoring Compounds					
5) 2-Fluorophenol	4.24	112	18141	8.90 ppb	0.00
Spiked Amount 50.000			Recovery = 17.80%		
8) Phenol-d5	5.72	99	23864	8.80 ppb	0.00
Spiked Amount 50.000			Recovery = 17.60%		
26) Nitrobenzene-d5	7.38	82	30066	8.77 ppb	0.00
Spiked Amount 50.000			Recovery = 17.54%		
52) 2-Fluorobiphenyl	11.40	172	55475	8.89 ppb	0.00
Spiked Amount 50.000			Recovery = 17.78%		
75) 2,4,6-Tribromophenol	14.82	330	8894	8.53 ppb	0.00
Spiked Amount 50.000			Recovery = 17.06%		
88) Terphenyl-d14	20.05	244	84593	8.65 ppb	0.00
Spiked Amount 50.000			Recovery = 17.30%		
Target Compounds					Qvalue
2) 1,4-Dioxane	2.43	88	10345	9.63 ppb	97
3) Pyridine	2.77	79	24499	9.31 ppb	89
4) N-Nitrosodimethylamine	2.73	42	13421	8.67 ppb	92
6) Indene	6.77	116	37453	9.27 ppb	97
7) Cumene	4.93	105	54678	9.26 ppb	97
9) Phenol	5.74	94	28515	9.19 ppb	86
10) Aniline	5.72	93	30536	8.95 ppb	99
11) bis(2-Chloroethyl)ether	5.83	93	18318	8.75 ppb	88
12) Benzaldehyde	5.48	105	13176	19.45 ppb	92
13) 2-Chlorophenol	5.92	128	21140	8.73 ppb	96
14) Decane	5.99	43	15773	10.05 ppb	82
15) 1,3-Dichlorobenzene	6.16	146	23817	8.86 ppb	98
16) 1,4-Dichlorobenzene	6.26	146	25317	9.17 ppb	95
17) Benzyl alcohol	6.57	108	13495	9.11 ppb	86
18) 1,2-Dichlorobenzene	6.62	146	22876	8.87 ppb	96
19) Acetophenone	7.08	105	33119	9.09 ppb	98
20) 2-Methylphenol	6.86	108	17618	8.44 ppb	74
21) 2,2'-oxybis(1-Chloropropan	6.86	121	7700	9.63 ppb	79
22) 3&4-Methylphenol	7.16	108	19863	8.71 ppb	97
23) n-Nitroso-di-n-propylamine	7.14	70	19976	9.21 ppb	90
24) Hexachloroethane	7.21	201	12178	9.44 ppb	97
27) Nitrobenzene	7.42	123	9492	8.50 ppb	88
28) Quinoline	9.68	129	41132	9.05 ppb	92
29) Isophorone	7.91	82	49270	9.22 ppb	96
30) 2-Nitrophenol	8.10	139	10457	8.01 ppb	91
31) 2,4-Dimethylphenol	8.26	107	24789	8.22 ppb	93

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44509.D Vial: 6
Acq On : 16 Aug 2004 7:01 pm Operator: NINAP
Sample : IC2402-10 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 08:11:52 2004 Quant Results File: MF2402.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Mon Aug 16 15:17:44 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
32)	Benzoic acid	8.50	105	14380	8.13	ppb		92
33)	bis(2-Chloroethoxy)methane	8.45	93	23697	9.11	ppb		97
34)	2,4-Dichlorophenol	8.63	162	18619	8.47	ppb		90
35)	1,3,5-Trichlorobenzene	8.10	180	24403	8.99	ppb		98
36)	1,2,4-Trichlorobenzene	8.77	180	23211	8.69	ppb		89
37)	1,2,3-Trichlorobenzene	9.31	180	22074	8.94	ppb		98
38)	alpha-Terpineol	8.94	59	17475	8.60	ppb		91
39)	Naphthalene	8.89	128	68874	9.53	ppb		95
40)	4-Chloroaniline	9.12	127	25321	8.88	ppb		95
41)	2,3-Dichloroaniline	11.23	161	24525	8.89	ppb		96
42)	Caprolactam	9.82	55	6143	8.92	ppb		88
43)	Hexachlorobutadiene	9.34	225	20949	9.44	ppb		96
44)	4-Chloro-3-methylphenol	10.32	107	20618	8.36	ppb		94
45)	2-Methylnaphthalene	10.46	142	44252	8.90	ppb		96
46)	1-Methylnaphthalene	10.70	142	44985	9.17	ppb		98
47)	Dimethylnaphthalene	11.94	156	45385	9.18	ppb		96
49)	Hexachlorocyclopentadiene	11.01	237	34478	14.30	ppb		97
50)	2,4,6-Trichlorophenol	11.24	196	16166	8.19	ppb		96
51)	2,4,5-Trichlorophenol	11.34	196	17171	8.45	ppb		92
53)	2-Chloronaphthalene	11.57	162	45433	9.04	ppb		98
54)	Biphenyl	11.59	154	64887	9.38	ppb		100
55)	2-Nitroaniline	11.96	65	15460	7.82	ppb		97
56)	Dimethylphthalate	12.51	163	56196	9.06	ppb		100
57)	Acenaphthylene	12.55	152	67605	8.86	ppb		97
58)	2,6-Dinitrotoluene	12.64	165	10901	8.34	ppb		93
59)	3-Nitroaniline	12.97	138	10516	8.71	ppb	#	65
60)	Acenaphthene	12.99	153	48036	9.18	ppb		90
61)	2,4-Dinitrophenol	13.21	184	11144	11.95	ppb		82
62)	4-Nitrophenol	13.54	109	9582	6.37	ppb		86
63)	Dibenzofuran	13.38	168	66765	9.28	ppb		97
64)	2,4-Dinitrotoluene	13.56	165	16697	8.75	ppb		77
65)	2,3,4,6-Tetrachlorophenol	13.83	232	16470	8.43	ppb		99
66)	Diethylphthalate	14.20	149	61757	8.82	ppb		98
67)	Fluorene	14.19	166	56356	8.77	ppb		95
68)	4-Chlorophenyl-phenylether	14.26	204	32514	9.23	ppb		98
69)	4-Nitroaniline	14.42	138	9490	7.75	ppb	#	77
71)	4,6-Dinitro-2-methylphenol	14.51	198	9896	7.46	ppb		93
72)	Atrazine	15.98	200	16130	8.42	ppb		88
73)	n-Nitrosodiphenylamine	14.57	169	40627	9.27	ppb		93
74)	1,2-Diphenylhydrazine	14.62	77	140181	18.30	ppb		99
76)	4-Bromophenyl-phenylether	15.39	248	19400	8.67	ppb		90
77)	Hexachlorobenzene	15.69	284	22063	9.33	ppb		95
78)	Pentachlorophenol	16.16	266	24572	15.00	ppb		85
79)	Phenanthrene	16.44	178	85945	9.19	ppb		96
80)	Anthracene	16.54	178	85110	9.08	ppb		94
81)	Carbazole	17.00	167	71502	9.16	ppb		94
82)	Di-n-butylphthalate	18.10	149	90572	8.57	ppb		98
83)	Fluoranthene	19.18	202	106857	9.01	ppb		98
84)	Octadecane	16.38	57	25574	9.08	ppb		97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44509.D Vial: 6
Acq On : 16 Aug 2004 7:01 pm Operator: NINAP
Sample : IC2402-10 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 08:11:52 2004 Quant Results File: MF2402.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Mon Aug 16 15:17:44 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
86)	Benzidine	19.55	184	57697	16.61 ppb	96
87)	Pyrene	19.62	202	112614	8.85 ppb	99
89)	Butylbenzylphthalate	21.10	149	41865	7.91 ppb	98
90)	Butyl stearate	21.21	56	15727	8.01 ppb	88
91)	Benzo[a]anthracene	21.91	228	115261	8.49 ppb	97
92)	3,3'-Dichlorobenzidine	21.95	252	40340	8.92 ppb	99
93)	Chrysene	21.99	228	114124	9.15 ppb	99
94)	bis(2-Ethylhexyl)phthalate	22.20	149	57130	7.94 ppb	96
96)	Di-n-octylphthalate	23.19	149	79771	6.91 ppb	99
97)	Benzo[b]fluoranthene	23.67	252	112991	7.98 ppb	98
98)	Benzo[k]fluoranthene	23.71	252	122909	7.99 ppb	99
99)	Benzo[a]pyrene	24.16	252	99901	8.03 ppb	98
100)	Indeno[1,2,3-cd]pyrene	26.17	276	122182	8.10 ppb	92
101)	Dibenz(a,h)acridine	25.74	279	91643	8.00 ppb	100
102)	Dibenz[a,h]anthracene	26.21	278	100686	7.92 ppb	98
103)	7,12-Dimethylbenz(a)anthra	23.70	256	50143	7.19 ppb	98
104)	3-Methylcholanthrene	24.79	268	2400	13.09 ppb	77
105)	Benzo[g,h,i]perylene	26.70	276	99819	8.18 ppb	97

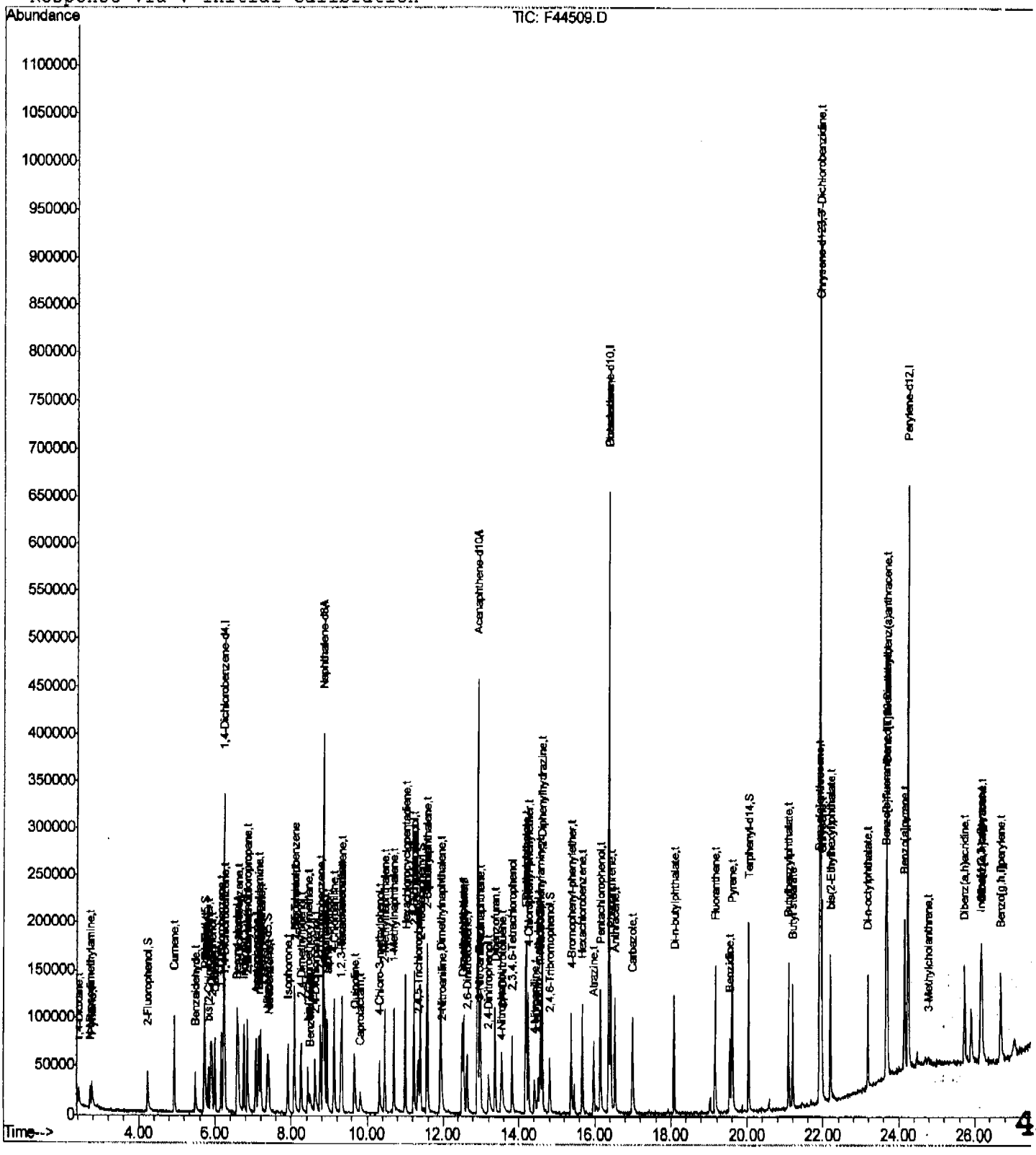
8/17/04

(#) = qualifier out of range (m) = manual integration
F44509.D MF2402.M Tue Aug 17 09:55:21 2004 MSF Page

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44509.D Vial: 6
Acq On : 16 Aug 2004 7:01 pm Operator: NINAP
Sample : IC2402-10 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 8:12 2004 Quant Results File: MF2402.RES

Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 09:37:05 2004
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44510.D Vial: 7
Acq On : 16 Aug 2004 3:23 pm Operator: NINAP
Sample : IC2402-5 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 16 15:51:19 2004 Quant Results File: MF2402.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Mon Aug 16 15:17:44 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.23	152	45912	40.00 ppb	0.00
25) Naphthalene-d8	8.84	136	178365	40.00 ppb	0.00
48) Acenaphthene-d10	12.92	164	109372	40.00 ppb	0.00
70) Phenanthrene-d10	16.38	188	226886	40.00 ppb	0.00
85) Chrysene-d12	21.94	240	301510	40.00 ppb	0.00
95) Perylene-d12	24.26	264	207773	40.00 ppb	0.00
106) Naphthalene-d8A	8.84	136	178365	40.00 ppb	0.00
109) Acenaphthene-d10A	12.92	164	109372	40.00 ppb	0.00
System Monitoring Compounds					
5) 2-Fluorophenol	4.24	112	5446	3.84 ppb	0.01
Spiked Amount 50.000			Recovery	= 7.68%	
8) Phenol-d5	5.72	99	7805	4.14 ppb	0.00
Spiked Amount 50.000			Recovery	= 8.28%	
26) Nitrobenzene-d5	7.39	82	10449	4.23 ppb	0.00
Spiked Amount 50.000			Recovery	= 8.46%	
52) 2-Fluorobiphenyl	11.41	172	20408	4.67 ppb	0.00
Spiked Amount 50.000			Recovery	= 9.34%	
75) 2,4,6-Tribromophenol	14.82	330	3318	4.57 ppb	0.00
Spiked Amount 50.000			Recovery	= 9.14%	
88) Terphenyl-d14	20.05	244	30357	4.41 ppb	0.00
Spiked Amount 50.000			Recovery	= 8.82%	

Target Compounds						Qvalue
2) 1,4-Dioxane	2.43	88	3842	5.14 ppb	#	87
3) Pyridine	2.79	79	7387	4.04 ppb		82
4) N-Nitrosodimethylamine	2.74	42	4659	4.32 ppb	#	55
6) Indene	6.77	116	14361	5.11 ppb		85
7) Cumene	4.93	105	19983	4.86 ppb		96
9) Phenol	5.75	94	9380	4.34 ppb		82
10) Aniline	5.73	93	10630	4.48 ppb		87
11) bis(2-Chloroethyl)ether	5.84	93	6145	4.22 ppb		97
12) Benzaldehyde	5.49	105	4879	10.35 ppb		84
13) 2-Chlorophenol	5.92	128	7488	4.44 ppb		92
14) Decane	5.99	43	5804	5.32 ppb		90
15) 1,3-Dichlorobenzene	6.16	146	9802	5.24 ppb		90
16) 1,4-Dichlorobenzene	6.26	146	9482	4.94 ppb		75
17) Benzyl alcohol	6.58	108	4128	4.01 ppb	#	67
18) 1,2-Dichlorobenzene	6.62	146	8843	4.92 ppb		93
19) Acetophenone	7.09	105	12777	5.04 ppb		88
20) 2-Methylphenol	6.86	108	7268	5.00 ppb		75
21) 2,2'-oxybis(1-Chloropropan	6.87	121	3022	5.43 ppb	#	71
22) 3&4-Methylphenol	7.17	108	6394	4.03 ppb	#	70
23) n-Nitroso-di-n-propylamine	7.15	70	7005	4.64 ppb		99
24) Hexachloroethane	7.21	201	4736	5.27 ppb		78
27) Nitrobenzene	7.42	123	3059	3.80 ppb		90
28) Quinoline	9.68	129	14231	4.35 ppb		89
29) Isophorone	7.92	82	15949	4.15 ppb		94
30) 2-Nitrophenol	8.10	139	4104	4.37 ppb	#	79
31) 2,4-Dimethylphenol	8.26	107	9224	4.25 ppb		94

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44510.D Vial: 7
Acq On : 16 Aug 2004 3:23 pm Operator: NINAP
Sample : IC2402-5 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 16 15:51:19 2004 Quant Results File: MF2402.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Mon Aug 16 15:17:44 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
32)	Benzoic acid	8.49	105	5350m	4.20 ppb		
33)	bis(2-Chloroethoxy)methane	8.44	93	8643	4.61 ppb		91
34)	2,4-Dichlorophenol	8.65	162	5990	3.78 ppb		96
35)	1,3,5-Trichlorobenzene	8.09	180	8882	4.54 ppb		97
36)	1,2,4-Trichlorobenzene	8.77	180	8534	4.44 ppb		94
37)	1,2,3-Trichlorobenzene	9.30	180	8588	4.83 ppb		99
38)	alpha-Terpineol	8.95	59	6266	4.28 ppb		91
39)	Naphthalene	8.89	128	25746	4.95 ppb		94
40)	4-Chloroaniline	9.13	127	8754	4.26 ppb		90
41)	2,3-Dichloroaniline	11.23	161	8429	4.24 ppb		97
42)	Caprolactam	9.83	55	1875	3.78 ppb	#	54
43)	Hexachlorobutadiene	9.34	225	7719	4.83 ppb		87
44)	4-Chloro-3-methylphenol	10.33	107	7254	4.09 ppb		77
45)	2-Methylnaphthalene	10.46	142	16432	4.59 ppb		98
46)	1-Methylnaphthalene	10.71	142	17745	5.03 ppb		93
47)	Dimethylnaphthalene	11.93	156	14961	4.20 ppb		93
49)	Hexachlorocyclopentadiene	11.01	237	11174	6.61 ppb		99
50)	2,4,6-Trichlorophenol	11.24	196	6385	4.62 ppb		88
51)	2,4,5-Trichlorophenol	11.36	196	6184m	4.34 ppb		
53)	2-Chloronaphthalene	11.57	162	16604	4.71 ppb		88
54)	Biphenyl	11.59	154	23200	4.79 ppb		94
55)	2-Nitroaniline	11.98	65	3667	2.65 ppb		79
56)	Dimethylphthalate	12.51	163	19260	4.43 ppb		95
57)	Acenaphthylene	12.55	152	23009	4.30 ppb		99
58)	2,6-Dinitrotoluene	12.65	165	3628	3.96 ppb		80
59)	3-Nitroaniline	12.98	138	3227	3.82 ppb	#	56
60)	Acenaphthene	12.98	153	17301	4.72 ppb		96
61)	2,4-Dinitrophenol	13.22	184	3617m	5.54 ppb		
62)	4-Nitrophenol	13.60	109	3500m	3.32 ppb		
63)	Dibenzofuran	13.37	168	23473	4.66 ppb		95
64)	2,4-Dinitrotoluene	13.58	165	5081	3.80 ppb		95
65)	2,3,4,6-Tetrachlorophenol	13.83	232	5481	4.01 ppb		90
66)	Diethylphthalate	14.20	149	22108	4.50 ppb		92
67)	Fluorene	14.19	166	20298	4.51 ppb		96
68)	4-Chlorophenyl-phenylether	14.26	204	11588	4.70 ppb		95
69)	4-Nitroaniline	14.43	138	3554m	4.14 ppb		
71)	4,6-Dinitro-2-methylphenol	14.52	198	2660	2.88 ppb		76
72)	Atrazine	15.99	200	5684	4.26 ppb		92
73)	n-Nitrosodiphenylamine	14.57	169	14257	4.67 ppb		97
74)	1,2-Diphenylhydrazine	14.62	77	48570	9.10 ppb		97
76)	4-Bromophenyl-phenylether	15.39	248	7152	4.59 ppb		89
77)	Hexachlorobenzene	15.69	284	8317	5.05 ppb		86
78)	Pentachlorophenol	16.16	266	7902	6.93 ppb		86
79)	Phenanthrene	16.44	178	32884	5.05 ppb		97
80)	Anthracene	16.54	178	30647	4.69 ppb		98
81)	Carbazole	17.01	167	24962	4.59 ppb		89
82)	Di-n-butylphthalate	18.10	149	32424	4.40 ppb		96
83)	Fluoranthene	19.18	202	38969	4.72 ppb		97
84)	Octadecane	16.38	57	8561	4.37 ppb		97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44510.D Vial: 7
Acq On : 16 Aug 2004 3:23 pm Operator: NINAP
Sample : IC2402-5 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 16 15:51:19 2004 Quant Results File: MF2402.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Mon Aug 16 15:17:44 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
86)	Benzidine	19.56	184	19039	7.79 ppb	89
87)	Pyrene	19.62	202	42392	4.73 ppb	97
89)	Butylbenzylphthalate	21.10	149	14127	3.79 ppb	95
90)	Butyl stearate	21.21	56	4904	3.55 ppb	83
91)	Benzo[a]anthracene	21.91	228	43892	4.59 ppb	97
92)	3,3'-Dichlorobenzidine	21.95	252	14023	4.41 ppb	88
93)	Chrysene	21.98	228	43446	4.95 ppb	91
94)	bis(2-Ethylhexyl)phthalate	22.20	149	19146	3.78 ppb	99
96)	Di-n-octylphthalate	23.19	149	27130	3.35 ppb	98
97)	Benzo[b]fluoranthene	23.67	252	40971	4.13 ppb	93
98)	Benzo[k]fluoranthene	23.71	252	46454	4.31 ppb	98
99)	Benzo[a]pyrene	24.17	252	38105	4.37 ppb	98
100)	Indeno[1,2,3-cd]pyrene	26.18	276	45884	4.34 ppb	98
101)	Dibenz(a,h)acridine	25.74	279	33078	4.12 ppb	93
102)	Dibenz[a,h]anthracene	26.21	278	38836	4.36 ppb	87
103)	7,12-Dimethylbenz(a)anthra	23.70	256	17964	3.68 ppb	93
105)	Benzo[g,h,i]perylene	26.72	276	38295	4.47 ppb	93

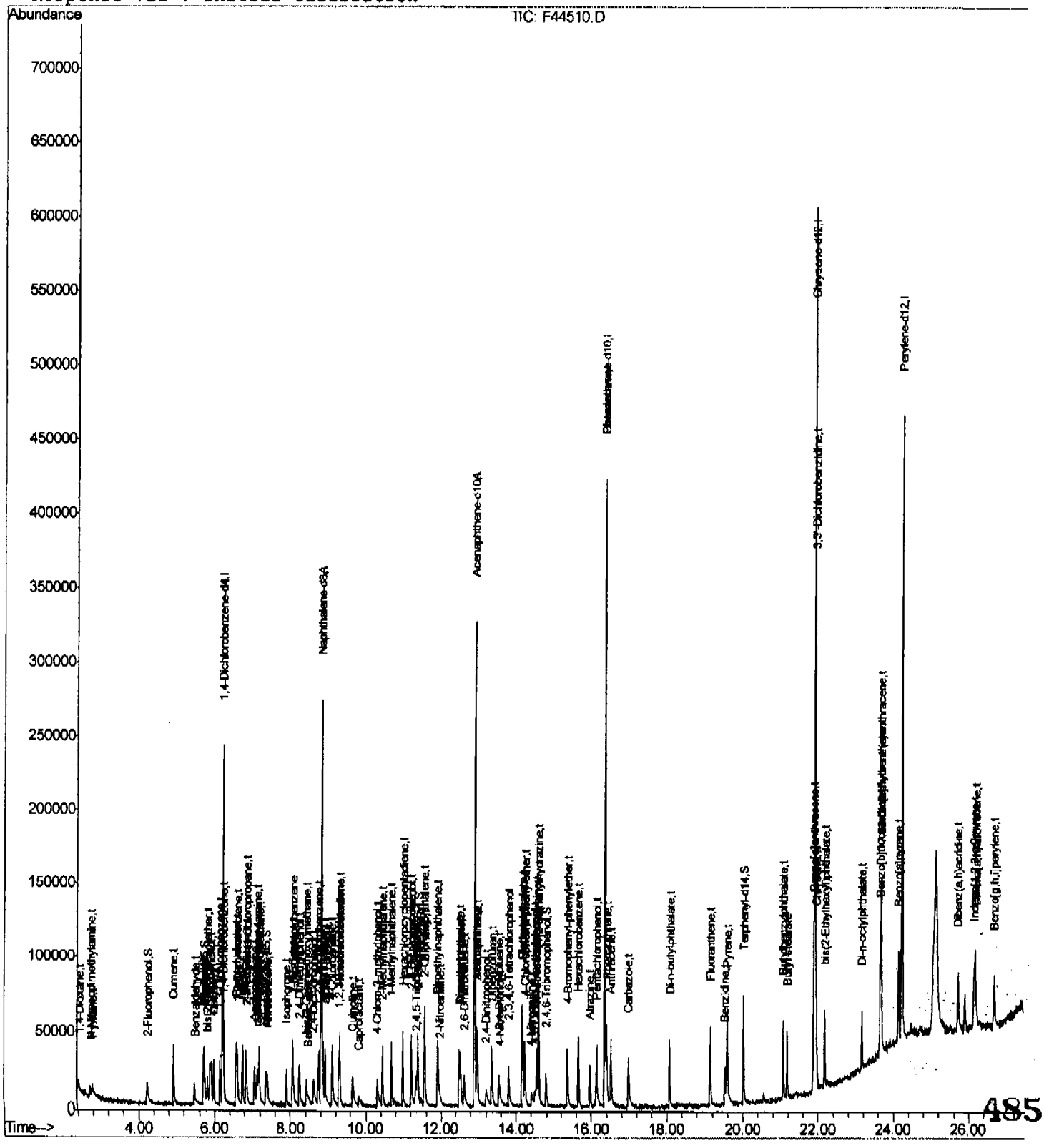
TN 8/17/04

(#) = qualifier out of range (m) = manual integration
F44510.D MF2402.M Tue Aug 17 09:41:57 2004 MSF Page

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44510.D Vial: 7
Acq On : 16 Aug 2004 3:23 pm Operator: NINAP
Sample : IC2402-5 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 16 16:11 2004 Quant Results File: MF2402.RES

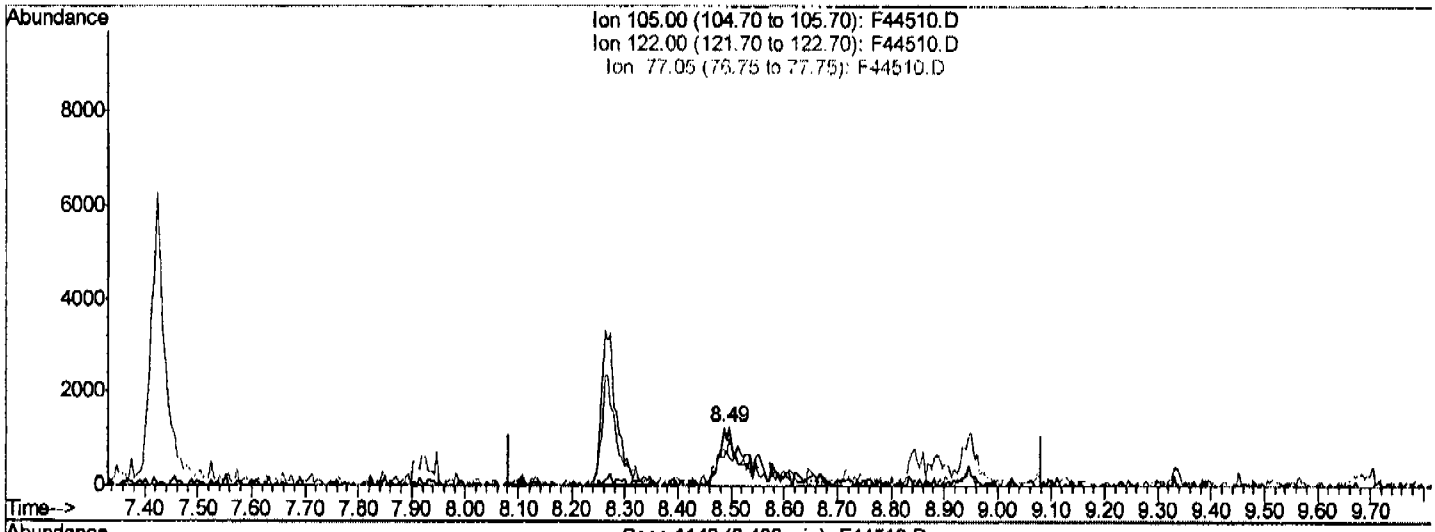
Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 09:37:05 2004
Response via : Initial Calibration

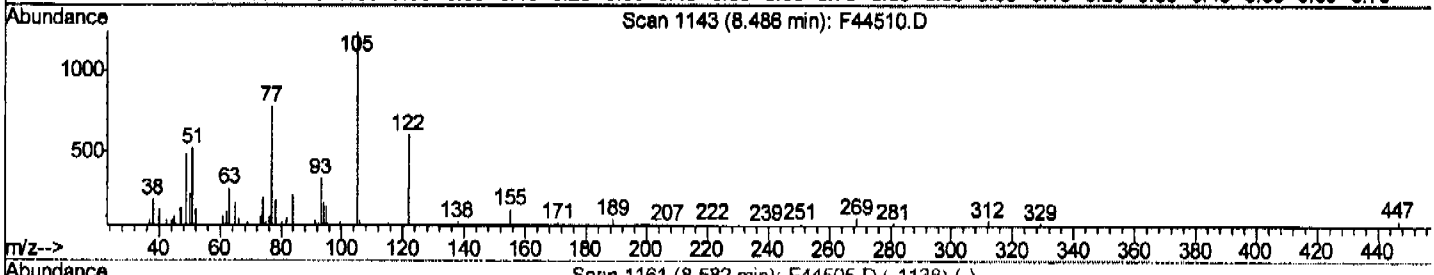


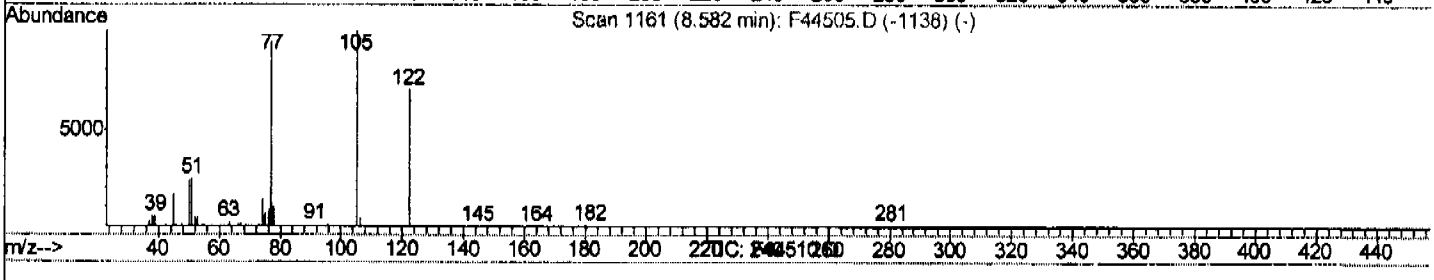
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44510.D Vial: 7
Acq On : 16 Aug 2004 3:23 pm Operator: NINAP
Sample : IC2402-5 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 16 16:11 2004 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 09:37:05 2004
Response via : Single Level Calibration







(32) Benzoic acid (t)

8.49min 4.20ppb m

response 5350

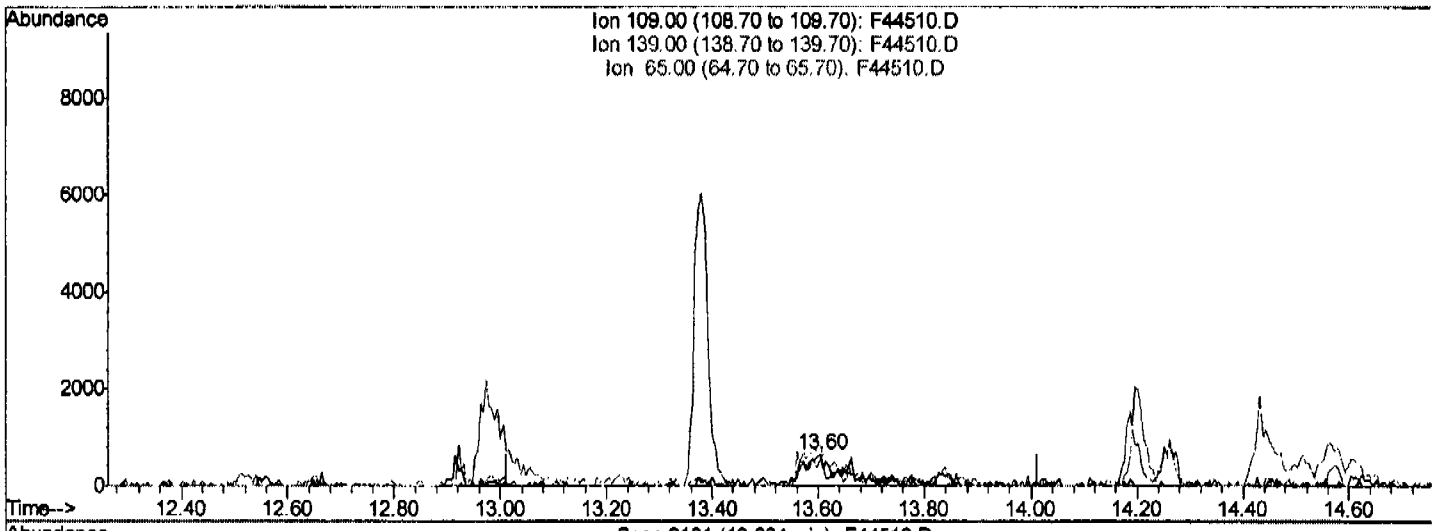
Ion	Exp%	Act%
105.00	100	100
122.00	67.30	49.11
77.05	91.10	63.21
0.00	0.00	0.00

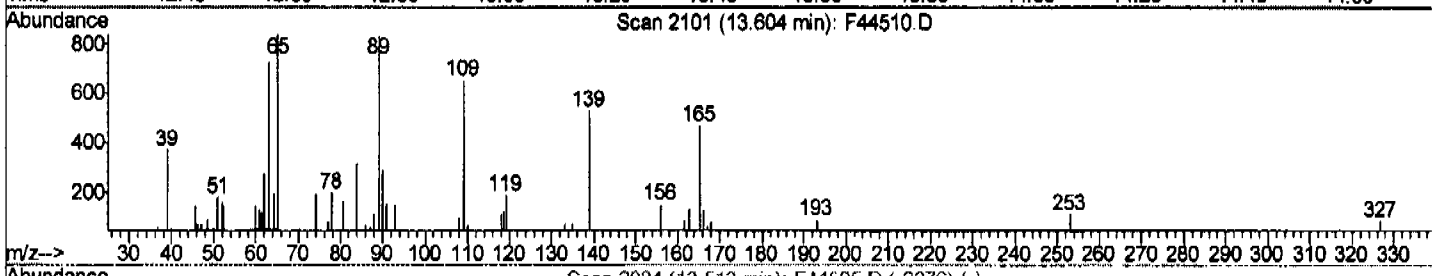
F44510.D MF2402.M Tue Aug 17 09:42:35 2004 MSF

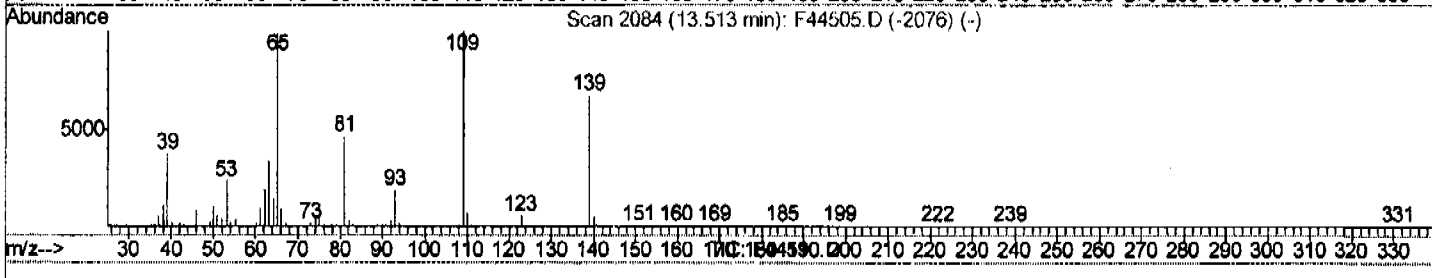
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44510.D Vial: 7
Acq On : 16 Aug 2004 3:23 pm Operator: NINAP
Sample : IC2402-5 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 16 16:11 2004 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 09:37:05 2004
Response via : Multiple Level Calibration







(62) 4-Nitrophenol (t)

13.60min 3.32ppb m

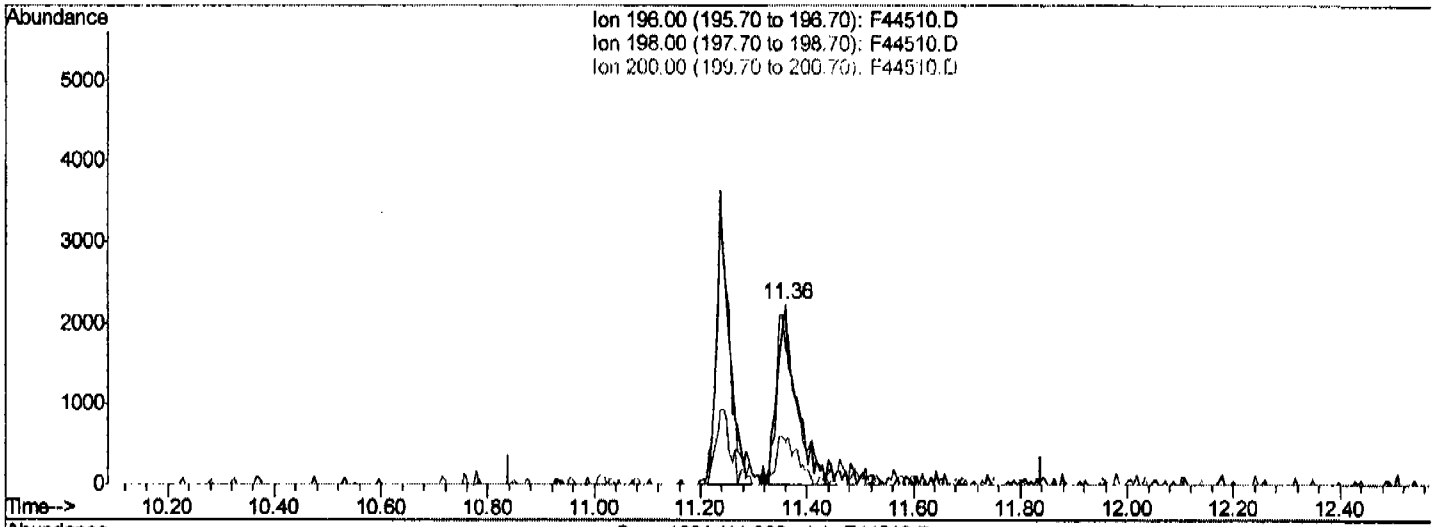
response 3500

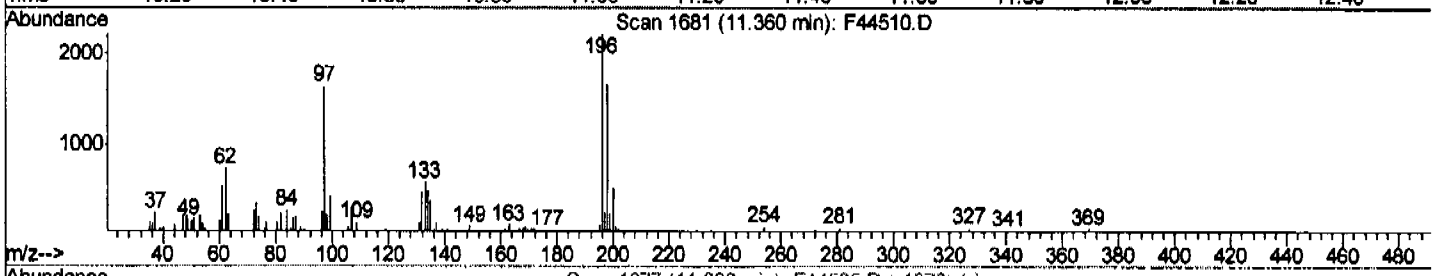
Ion	Exp%	Act%
109.00	100	100
139.00	66.90	81.13
65.00	99.60	127.91
0.00	0.00	0.00

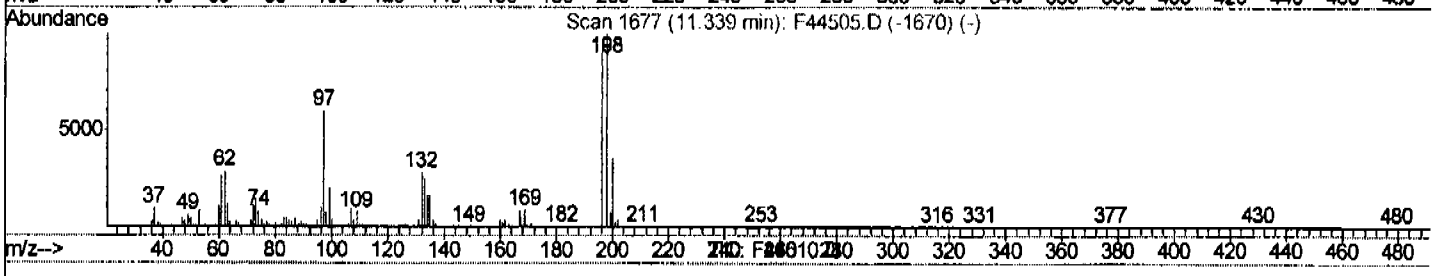
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44510.D Vial: 7
Acq On : 16 Aug 2004 3:23 pm Operator: NINAP
Sample : IC2402-5 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 16 16:11 2004 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 09:37:05 2004
Response via : Multiple Level Calibration







(51) 2,4,5-Trichlorophenol (t)

11.36min 4.34ppb m

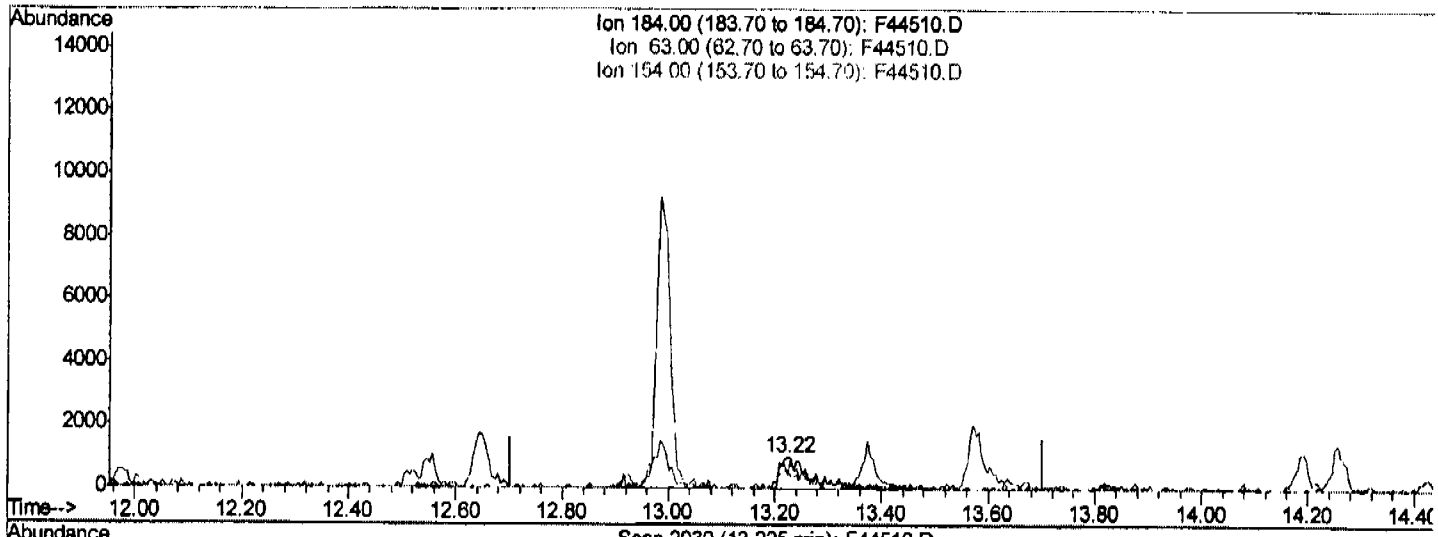
response 6184

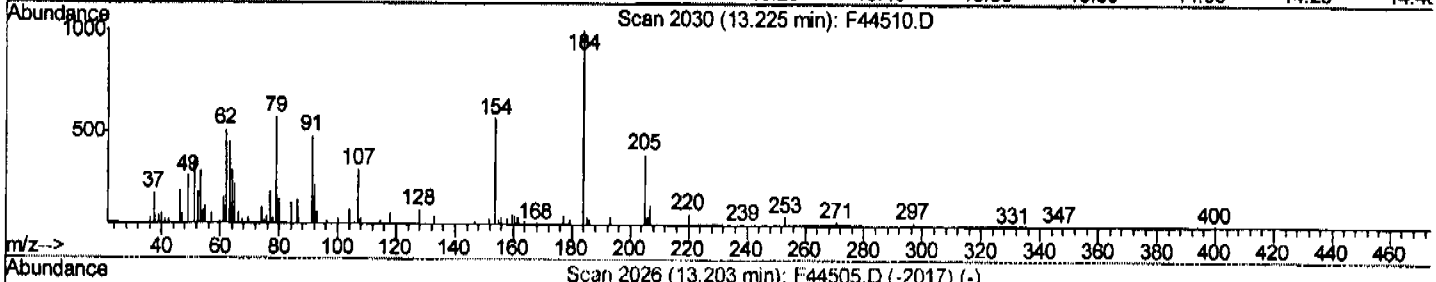
Ion	Exp%	Act%
196.00	100	100
198.00	103.90	74.80
200.00	36.90	23.72
0.00	0.00	0.00

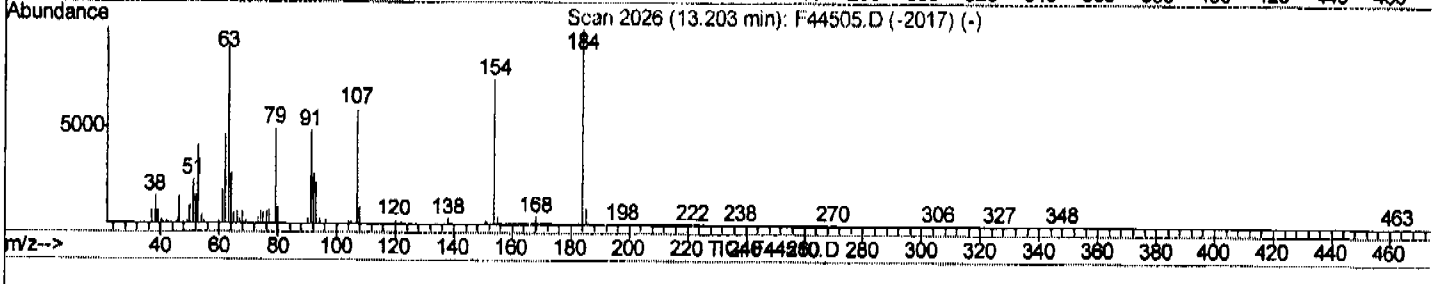
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44510.D Vial: 7
Acq On : 16 Aug 2004 3:23 pm Operator: NINAP
Sample : IC2402-5 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 16 16:11 2004 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 09:37:05 2004
Response via : Multiple Level Calibration







(61) 2,4-Dinitrophenol (t)

13.22min 5.54ppb m

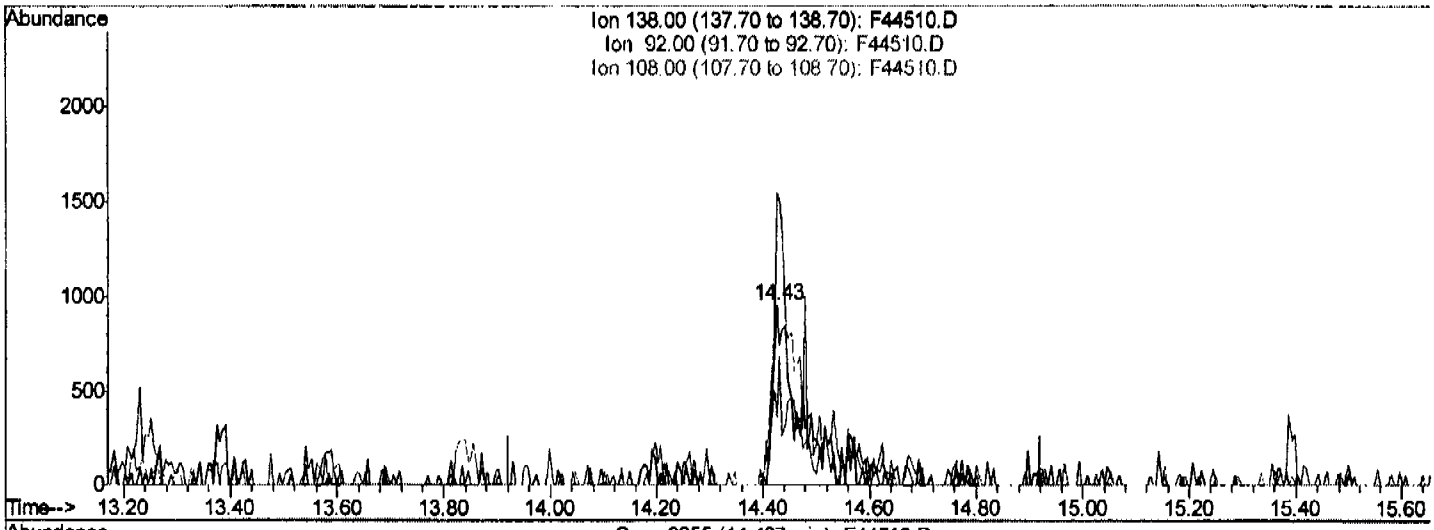
response 3617

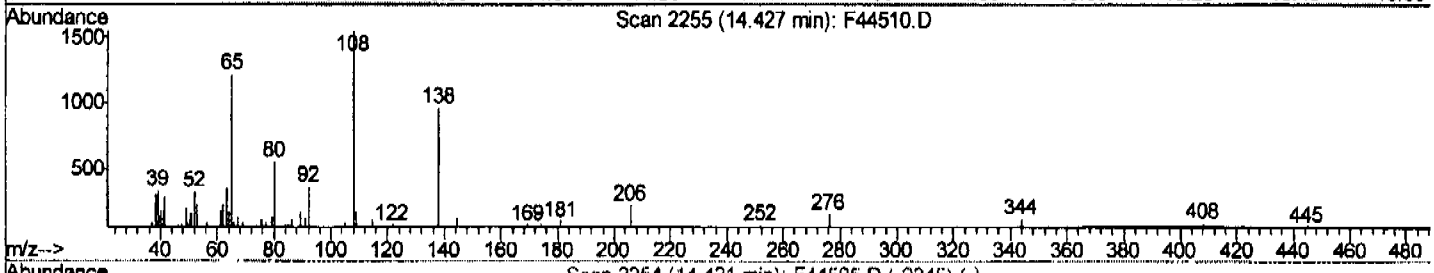
Ion	Exp%	Act%
184.00	100	100
63.00	92.80	44.57#
154.00	73.80	56.23
0.00	0.00	0.00

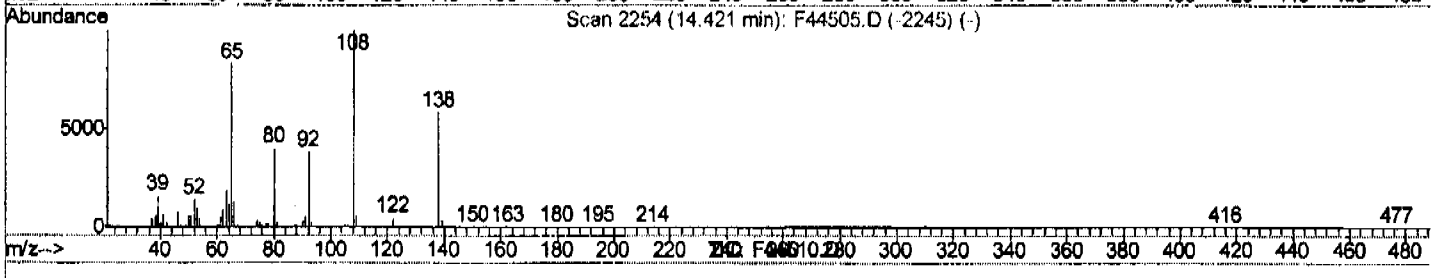
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44510.D Vial: 7
Acq On : 16 Aug 2004 3:23 pm Operator: NINAP
Sample : IC2402-5 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 16 16:11 2004 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 09:37:05 2004
Response via : Multiple Level Calibration







(69) 4-Nitroaniline (t)

14.43min 4.14ppb m

response 3554

Ion	Exp%	Act%
138.00	100	100
92.00	64.10	37.84
108.00	169.30	161.64
0.00	0.00	0.00

F44510.D MF2402.M Tue Aug 17 09:42:53 2004 MSF

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44511.D Vial: 8
Acq On : 16 Aug 2004 3:59 pm Operator: NINAP
Sample : IC2402-2 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 16 16:27:32 2004 Quant Results File: MF2402.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Mon Aug 16 15:17:44 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.23	152	47834	40.00	ppb	0.00
25) Naphthalene-d8	8.84	136	187011	40.00	ppb	0.00
48) Acenaphthene-d10	12.92	164	115692	40.00	ppb	0.00
70) Phenanthrene-d10	16.38	188	230664	40.00	ppb	0.00
85) Chrysene-d12	21.94	240	311750	40.00	ppb	0.00
95) Perylene-d12	24.25	264	215123	40.00	ppb	0.00
106) Naphthalene-d8A	8.84	136	187011	40.00	ppb	0.00
109) Acenaphthene-d10A	12.92	164	115692	40.00	ppb	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.26	112	2235m	1.51	ppb	0.03
Spiked Amount 50.000			Recovery	=	3.02%	
8) Phenol-d5	5.73	99	3308	1.68	ppb	0.01
Spiked Amount 50.000			Recovery	=	3.36%	
26) Nitrobenzene-d5	7.39	82	3859	1.49	ppb	0.01
Spiked Amount 50.000			Recovery	=	2.98%	
52) 2-Fluorobiphenyl	11.41	172	8280	1.79	ppb	0.00
Spiked Amount 50.000			Recovery	=	3.58%	
75) 2,4,6-Tribromophenol	14.82	330	1231m	1.67	ppb	0.00
Spiked Amount 50.000			Recovery	=	3.34%	
88) Terphenyl-d14	20.05	244	11787	1.66	ppb	0.00
Spiked Amount 50.000			Recovery	=	3.32%	

Target Compounds						Qvalue
2) 1,4-Dioxane	2.43	88	2018	2.59	ppb #	33
3) Pyridine	2.81	79	3788m	1.99	ppb	
4) N-Nitrosodimethylamine	2.75	42	2651m	2.36	ppb	
6) Indene	6.77	116	5662	1.93	ppb	90
7) Cumene	4.93	105	7789	1.82	ppb	96
9) Phenol	5.76	94	3222	1.43	ppb	73
10) Aniline	5.74	93	3275	1.32	ppb	95
11) bis(2-Chloroethyl)ether	5.85	93	2805	1.85	ppb	81
12) Benzaldehyde	5.53	105	499m	1.02	ppb	
13) 2-Chlorophenol	5.93	128	2934	1.67	ppb	78
14) Decane	5.99	43	2182	1.92	ppb	76
15) 1,3-Dichlorobenzene	6.16	146	3536	1.81	ppb	81
16) 1,4-Dichlorobenzene	6.25	146	3876	1.94	ppb	87
17) Benzyl alcohol	6.60	108	2185m	2.04	ppb	
18) 1,2-Dichlorobenzene	6.62	146	3425	1.83	ppb	94
19) Acetophenone	7.10	105	4709	1.78	ppb #	63
20) 2-Methylphenol	6.87	108	2500	1.65	ppb	90
21) 2,2'-oxybis(1-Chloropropan	6.87	121	1269m	2.19	ppb	
22) 3&4-Methylphenol	7.18	108	3189m	1.93	ppb	
23) n-Nitroso-di-n-propylamine	7.16	70	2506	1.59	ppb	94
24) Hexachloroethane	7.21	201	1648	1.76	ppb	87
27) Nitrobenzene	7.44	123	1240m	1.47	ppb	
28) Quinoline	9.70	129	4010	1.17	ppb	68
29) Isophorone	7.93	82	6263	1.55	ppb	96
31) 2,4-Dimethylphenol	8.27	107	3778m	1.66	ppb	
33) bis(2-Chloroethoxy)methane	8.45	93	3143	1.60	ppb	91

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44511.D Vial: 8
Acq On : 16 Aug 2004 3:59 pm Operator: NINAP
Sample : IC2402-2 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 16 16:27:32 2004 Quant Results File: MF2402.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Mon Aug 16 15:17:44 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
34)	2,4-Dichlorophenol	8.66	162	2339	1.41 ppb		79
35)	1,3,5-Trichlorobenzene	8.10	180	3713	1.81 ppb	#	82
36)	1,2,4-Trichlorobenzene	8.77	180	3386	1.68 ppb		88
37)	1,2,3-Trichlorobenzene	9.30	180	3602	1.93 ppb		98
38)	alpha-Terpineol	8.95	59	2611	1.70 ppb		82
39)	Naphthalene	8.89	128	9328	1.71 ppb		88
40)	4-Chloroaniline	9.15	127	2253	1.05 ppb		74
41)	2,3-Dichloroaniline	11.24	161	3371	1.62 ppb	#	73
42)	Caprolactam	9.89	55	963m	1.85 ppb		
43)	Hexachlorobutadiene	9.34	225	3158	1.88 ppb		76
44)	4-Chloro-3-methylphenol	10.36	107	2504	1.35 ppb		84
45)	2-Methylnaphthalene	10.46	142	6020	1.60 ppb		94
46)	1-Methylnaphthalene	10.70	142	6518	1.76 ppb		86
47)	Dimethylnaphthalene	11.94	156	5934	1.59 ppb		94
49)	Hexachlorocyclopentadiene	11.01	237	3665	2.05 ppb		80
50)	2,4,6-Trichlorophenol	11.25	196	2105	1.44 ppb	#	57
51)	2,4,5-Trichlorophenol	11.38	196	2497m	1.66 ppb		
53)	2-Chloronaphthalene	11.58	162	5961	1.60 ppb		94
54)	Biphenyl	11.60	154	8796	1.72 ppb		91
56)	Dimethylphthalate	12.52	163	7069	1.54 ppb		88
57)	Acenaphthylene	12.56	152	9236	1.63 ppb		91
58)	2,6-Dinitrotoluene	12.66	165	1459m	1.51 ppb		
60)	Acenaphthene	12.99	153	7216	1.86 ppb		76
61)	2,4-Dinitrophenol	13.25	184	853m	1.23 ppb		
63)	Dibenzofuran	13.38	168	9595	1.80 ppb		93
64)	2,4-Dinitrotoluene	13.58	165	2178m	1.54 ppb		
65)	2,3,4,6-Tetrachlorophenol	13.84	232	1776	1.23 ppb	#	22
66)	Diethylphthalate	14.20	149	8527	1.64 ppb		96
67)	Fluorene	14.19	166	7787	1.63 ppb		93
68)	4-Chlorophenyl-phenylether	14.26	204	4358	1.67 ppb		93
72)	Atrazine	15.98	200	2639	1.94 ppb		91
73)	n-Nitrosodiphenylamine	14.57	169	5773	1.86 ppb		81
74)	1,2-Diphenylhydrazine	14.62	77	16303	3.01 ppb		91
76)	4-Bromophenyl-phenylether	15.39	248	2975	1.88 ppb	#	70
77)	Hexachlorobenzene	15.69	284	3230	1.93 ppb		78
79)	Phenanthrene	16.44	178	12599	1.90 ppb		93
80)	Anthracene	16.55	178	10759	1.62 ppb		96
81)	Carbazole	17.02	167	8346	1.51 ppb		96
82)	Di-n-butylphthalate	18.10	149	11428	1.53 ppb		94
83)	Fluoranthene	19.18	202	13915	1.66 ppb		88
84)	Octadecane	16.38	57	3517	1.76 ppb		92
86)	Benzidine	19.57	184	5530m	2.19 ppb		
87)	Pyrene	19.62	202	15126	1.63 ppb		92
89)	Butylbenzylphthalate	21.10	149	4930	1.28 ppb		87
90)	Butyl stearate	21.21	56	1723	1.21 ppb	#	28
91)	Benzo[a]anthracene	21.92	228	17598	1.78 ppb		95
92)	3,3'-Dichlorobenzidine	21.95	252	4457	1.35 ppb		78
93)	Chrysene	21.98	228	16900	1.86 ppb		86
94)	bis(2-Ethylhexyl)phthalate	22.20	149	6163	1.18 ppb		86

(#) = qualifier out of range (m) = manual integration

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Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44511.D Vial: 8
Acq On : 16 Aug 2004 3:59 pm Operator: NINAP
Sample : IC2402-2 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 16 16:27:32 2004 Quant Results File: MF2402.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Mon Aug 16 15:17:44 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
96)	Di-n-octylphthalate	23.19	149	9305	1.11 ppb	85
97)	Benzo[b]fluoranthene	23.67	252	13965	1.36 ppb	97
98)	Benzo[k]fluoranthene	23.71	252	19090	1.71 ppb	86
99)	Benzo[a]pyrene	24.17	252	13519	1.50 ppb	96
100)	Indeno[1,2,3-cd]pyrene	26.17	276	15805	1.44 ppb	97
101)	Dibenz(a,h)acridine	25.74	279	11815	1.42 ppb	96
102)	Dibenz[a,h]anthracene	26.21	278	13174	1.43 ppb	94
103)	7,12-Dimethylbenz(a)anthra	23.70	256	6697	1.32 ppb	93
105)	Benzo[g,h,i]perylene	26.71	276	13257	1.50 ppb	89

8/17/04

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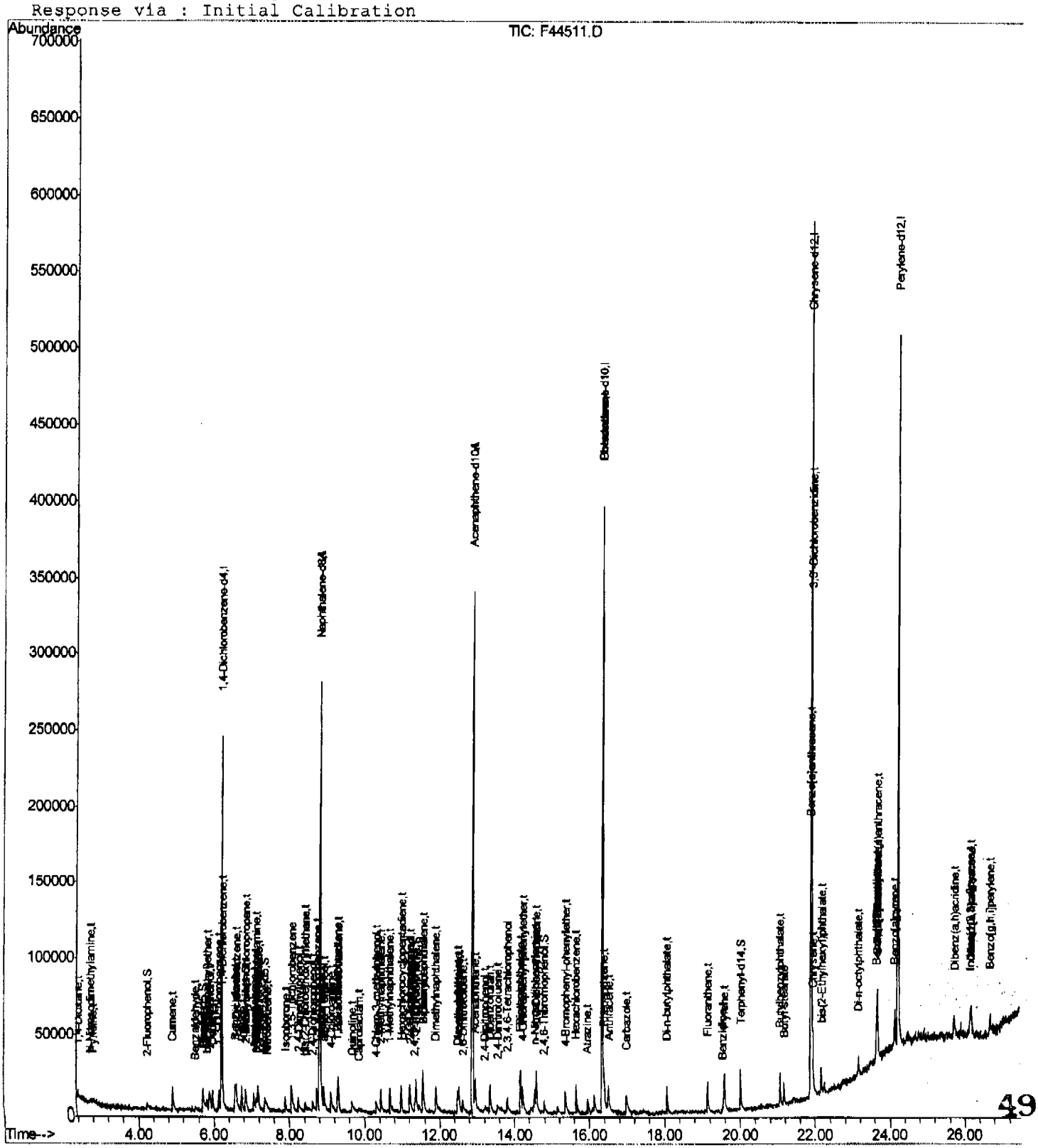
(#) = qualifier out of range (m) = manual integration
F44511.D MF2402.M Tue Aug 17 09:49:52 2004 MSF Page

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44511.D Vial: 8
Acq On : 16 Aug 2004 3:59 pm Operator: NINAP
Sample : IC2402-2 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 9:49 2004 Quant Results File: MF2402.RES

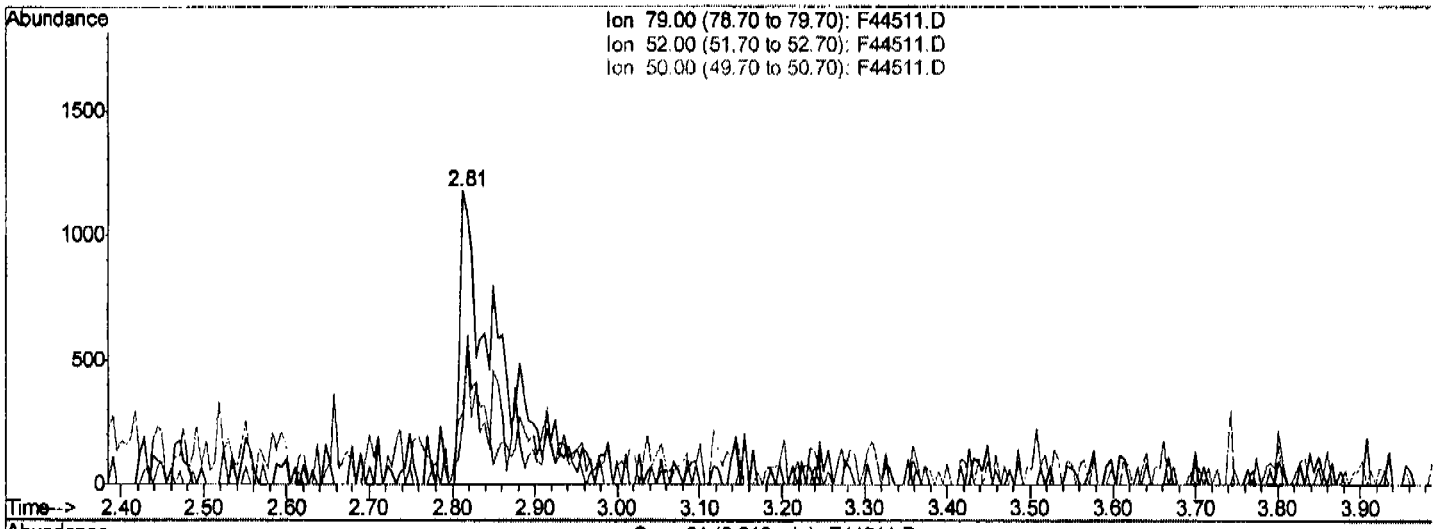
Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 09:37:05 2004
Response via : Initial Calibration

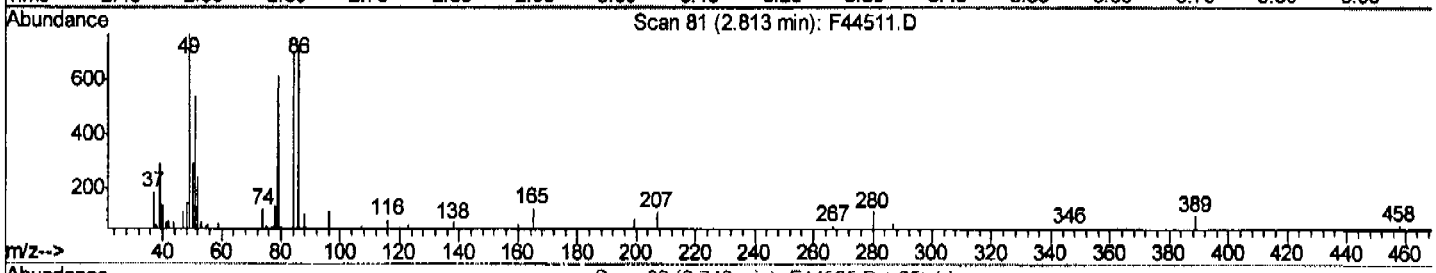


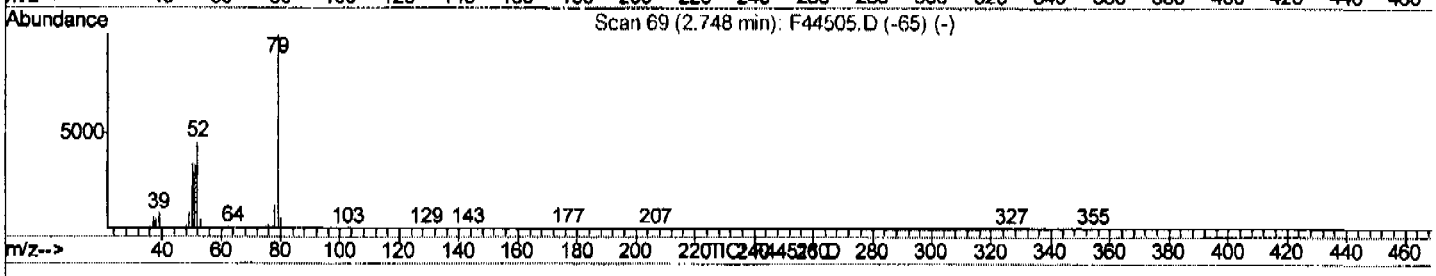
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44511.D Vial: 8
Acq On : 16 Aug 2004 3:59 pm Operator: NINAP
Sample : IC2402-2 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 8:19 2004 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 09:37:05 2004
Response via : Multiple Level Calibration







(3) Pyridine (t)

2.81min 1.99ppb m

response 3788

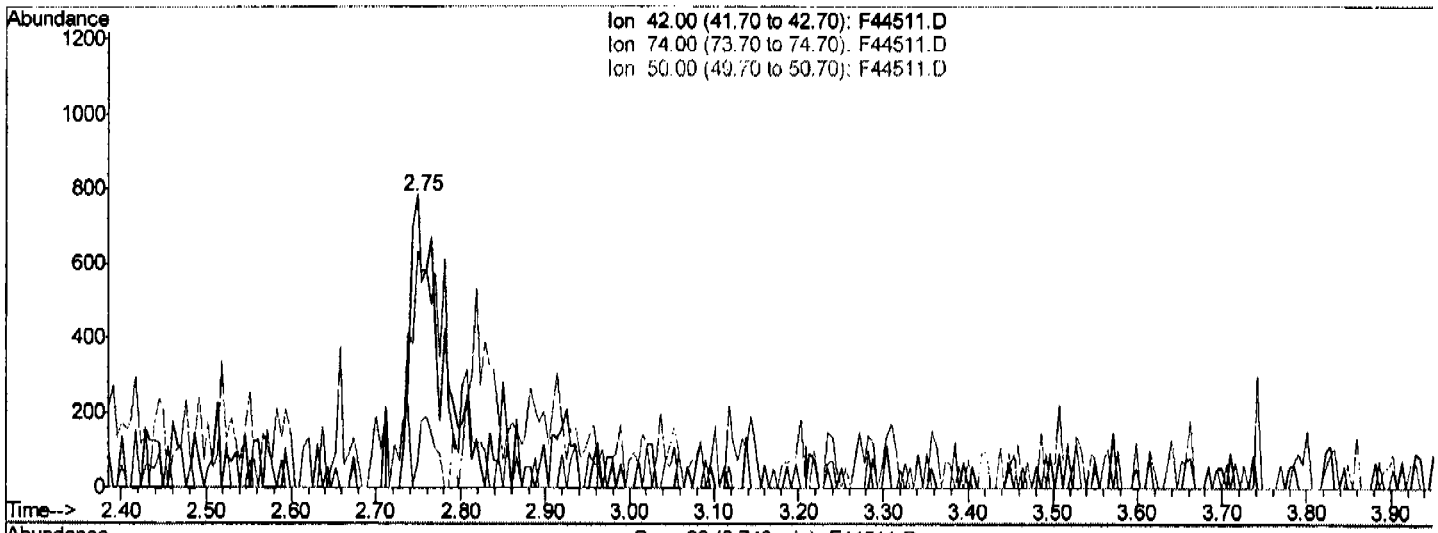
Ion	Exp%	Act%
79.00	100	100
52.00	44.50	39.57
50.00	33.40	47.95
0.00	0.00	0.00

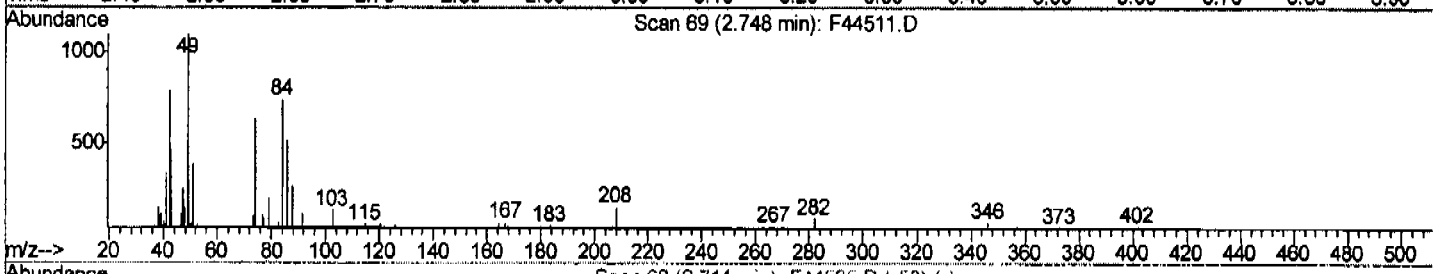
F44511.D MF2402.M Tue Aug 17 09:46:41 2004 MSF

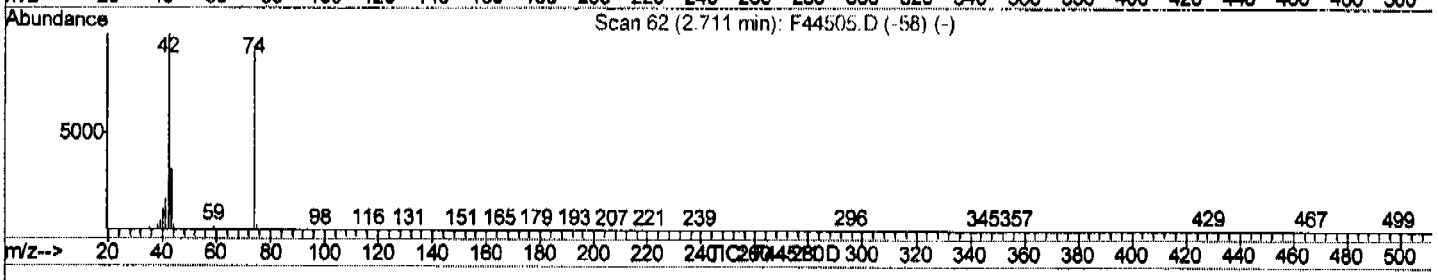
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44511.D Vial: 8
Acq On : 16 Aug 2004 3:59 pm Operator: NINAP
Sample : IC2402-2 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 8:19 2004 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 09:37:05 2004
Response via : Multiple Level Calibration







(4) N-Nitrosodimethylamine (t)

2.75min 2.36ppb m

response 2651

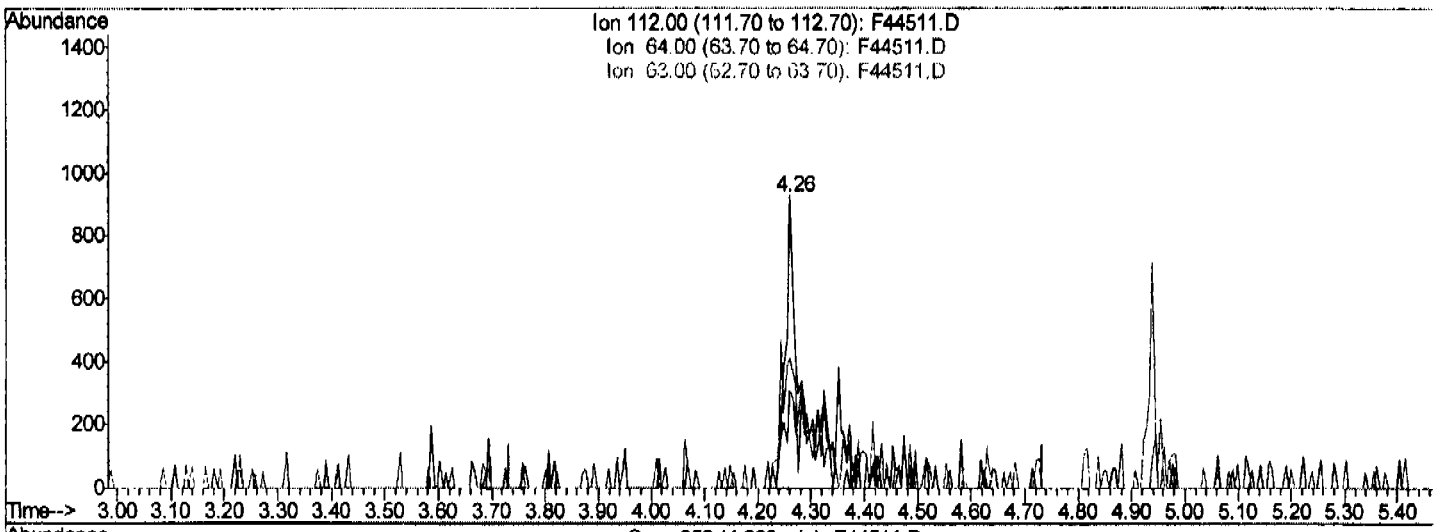
Ion	Exp%	Act%
42.00	100	100
74.00	93.40	80.84
50.00	0.00	8.81
0.00	0.00	0.00

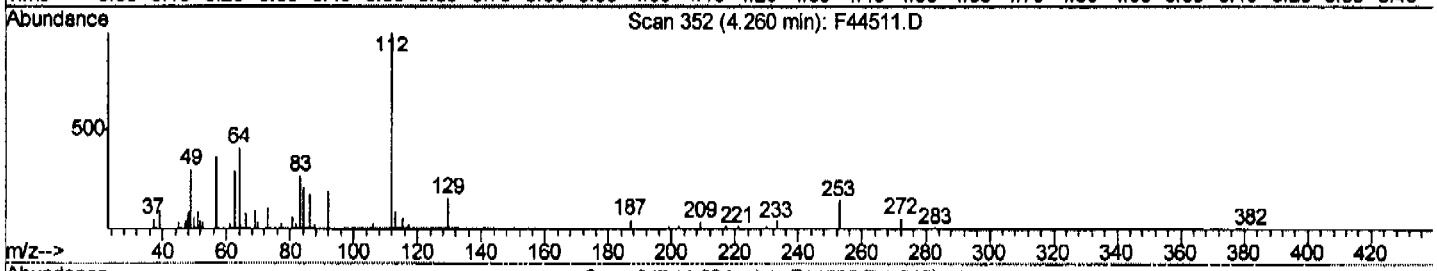
F44511.D MF2402.M Tue Aug 17 09:46:45 2004 MSF

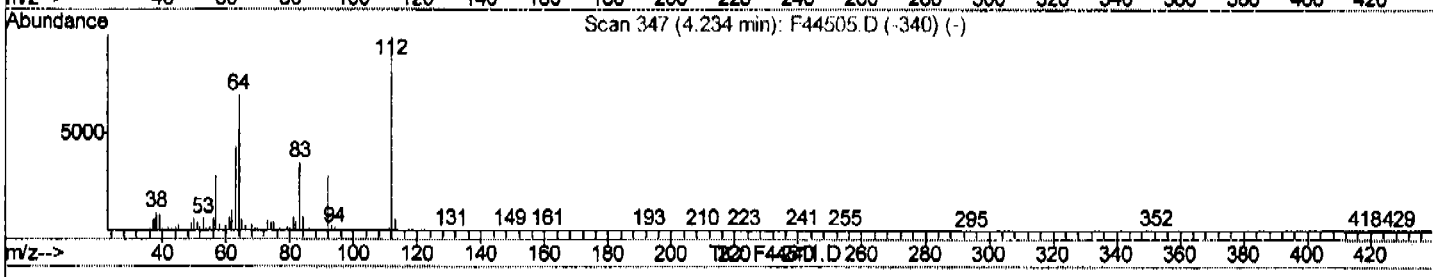
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44511.D Vial: 8
Acq On : 16 Aug 2004 3:59 pm Operator: NINAP
Sample : IC2402-2 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 8:19 2004 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 09:37:05 2004
Response via : Multiple Level Calibration







(5) 2-Fluorophenol (S)

4.26min 1.51ppb m

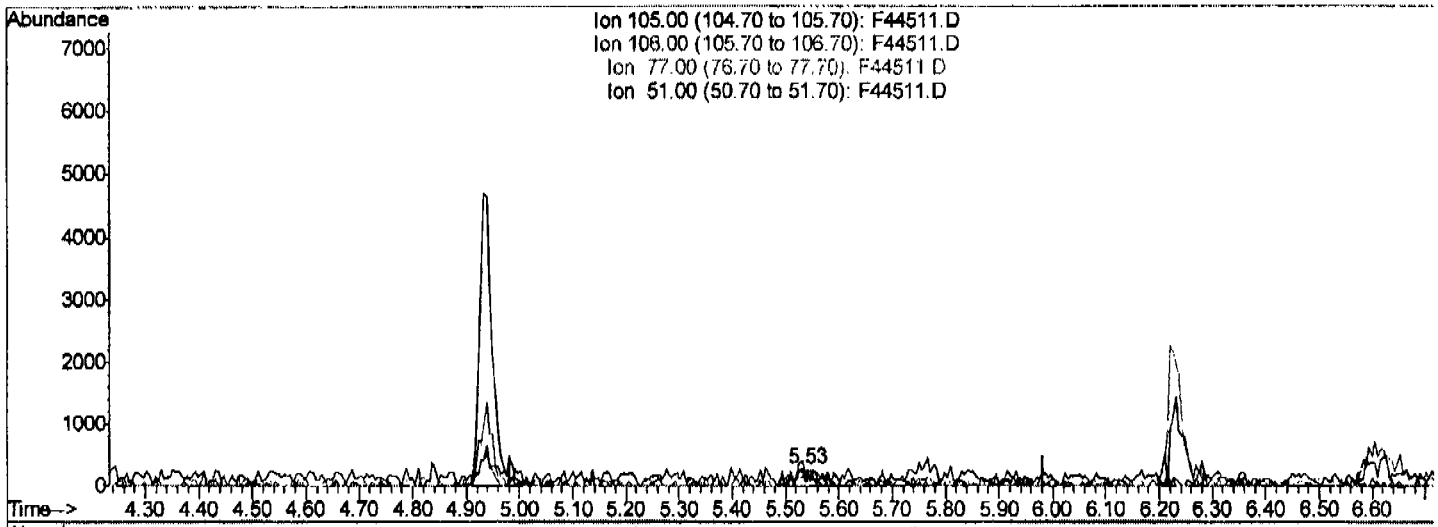
response 2235

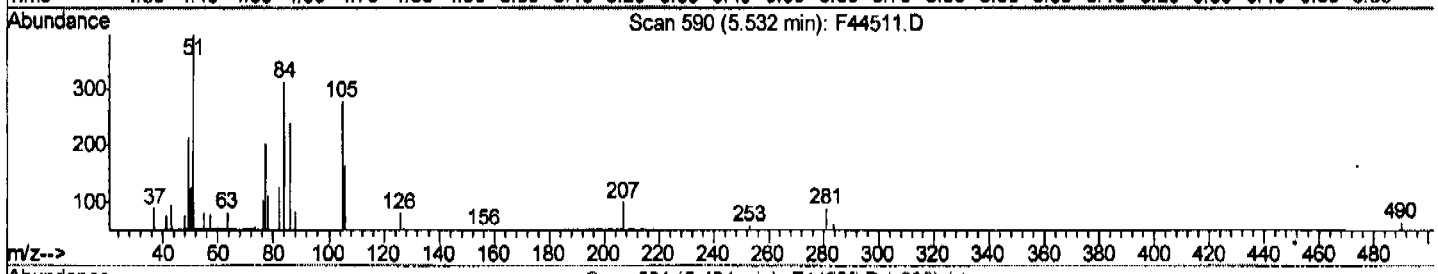
Ion	Exp%	Act%
112.00	100	100
64.00	69.30	44.34
63.00	42.90	33.12
0.00	0.00	0.00

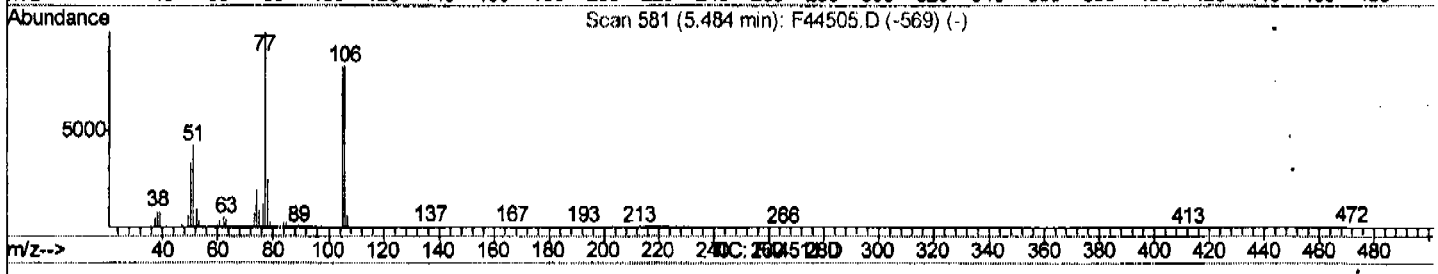
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44511.D Vial: 8
Acq On : 16 Aug 2004 3:59 pm Operator: NINAP
Sample : IC2402-2 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 8:19 2004 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 09:37:05 2004
Response via : Multiple Level Calibration







(12) Benzaldehyde (t)

5.53min 1.02ppb m

response 499

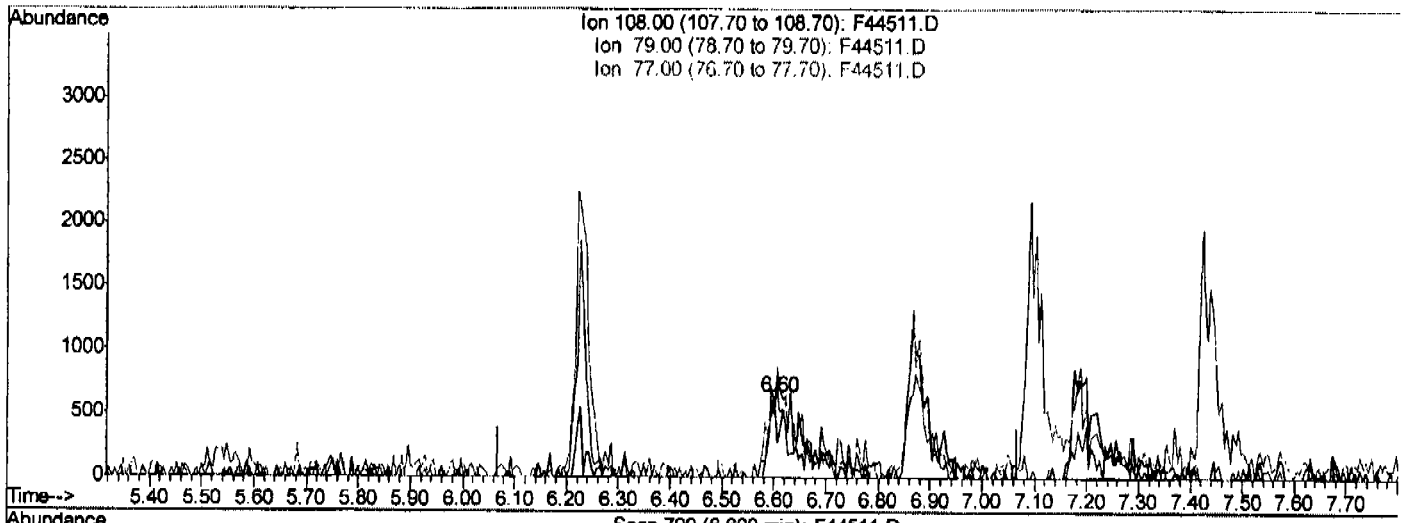
Ion	Exp%	Act%
105.00	100	100
106.00	99.80	59.21#
77.00	121.30	72.56#
51.00	50.80	141.88#

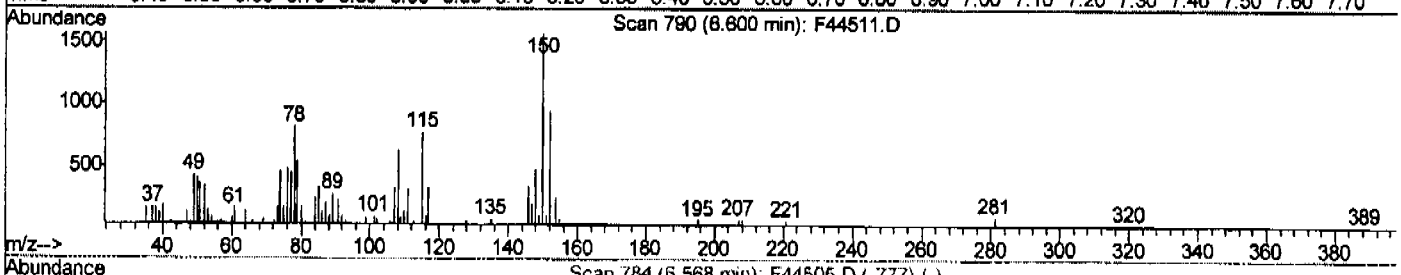
F44511.D MF2402.M Tue Aug 17 09:46:56 2004 MSF

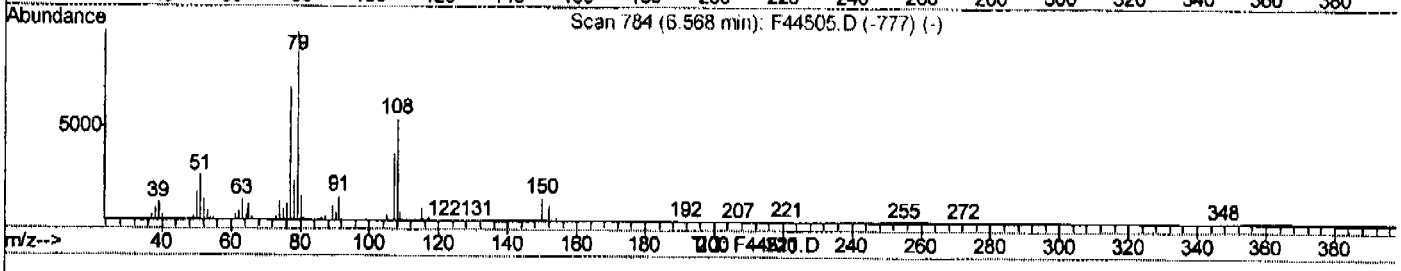
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44511.D Vial: 8
Acq On : 16 Aug 2004 3:59 pm Operator: NINAP
Sample : IC2402-2 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 8:19 2004 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 09:37:05 2004
Response via : Multiple Level Calibration







(17) Benzyl alcohol (t)

6.60min 2.04ppb m

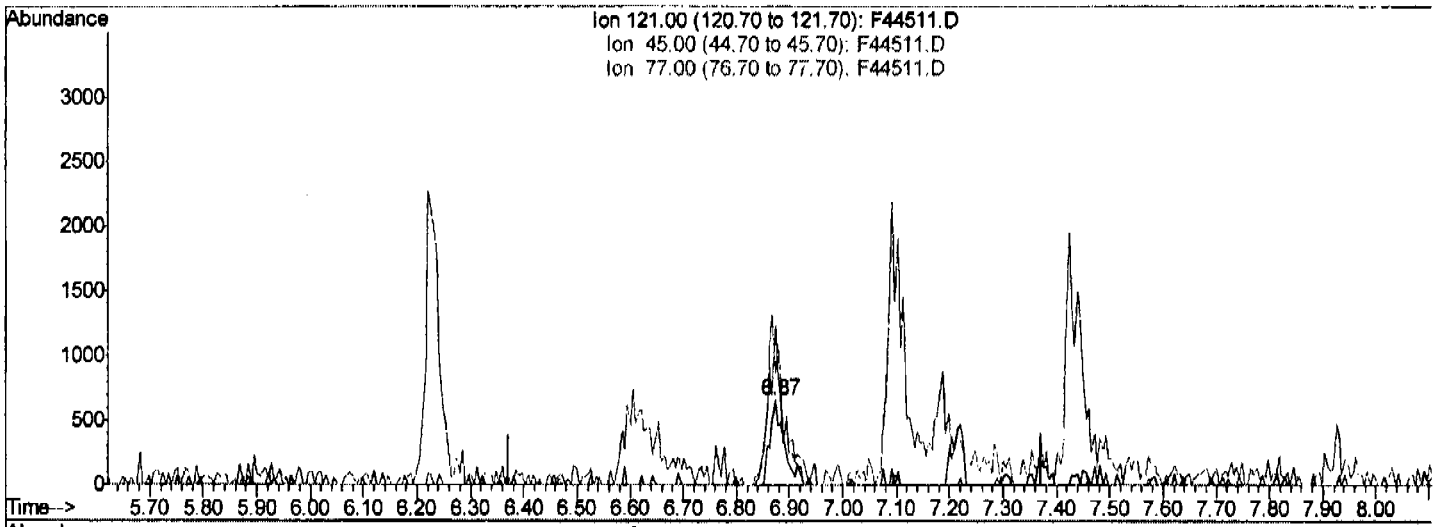
response 2185

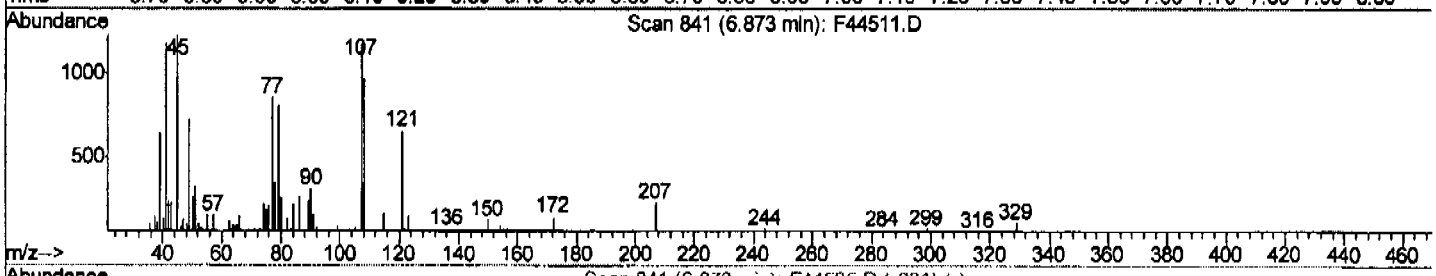
Ion	Exp%	Act%
108.00	100	100
79.00	185.60	86.35#
77.00	129.60	73.02#
0.00	0.00	0.00

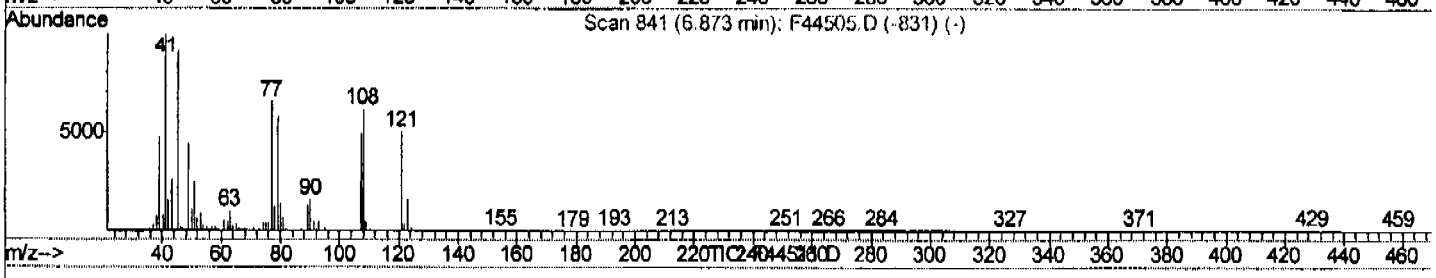
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44511.D Vial: 8
Acq On : 16 Aug 2004 3:59 pm Operator: NINAP
Sample : IC2402-2 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 8:19 2004 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 09:37:05 2004
Response via : Multiple Level Calibration







(21) 2,2'-oxybis(1-Chloropropane (t)

6.87min 2.19ppb m

response 1269

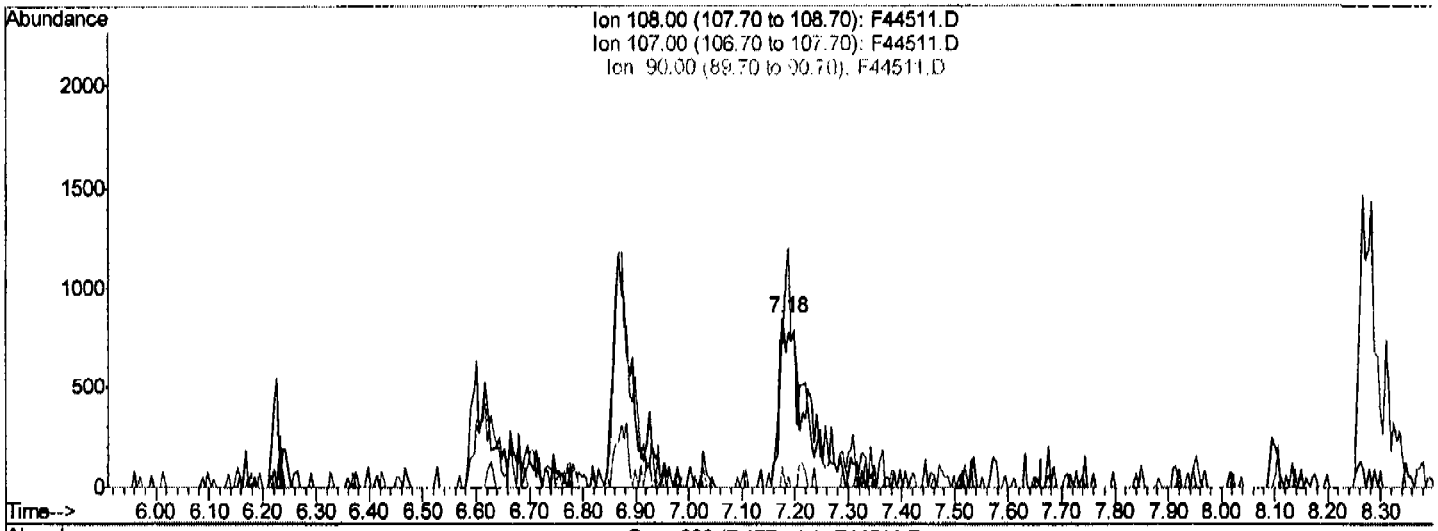
Ion	Exp%	Act%
121.00	100	100
45.00	182.20	187.46
77.00	130.00	130.28
0.00	0.00	0.00

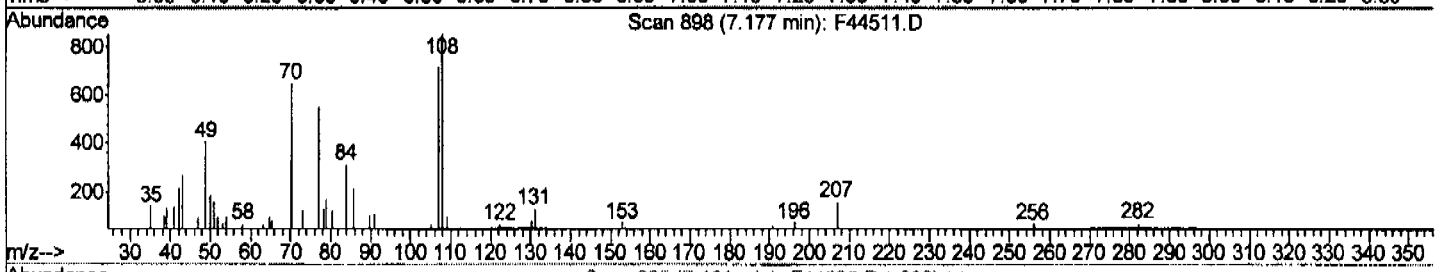
F44511.D MF2402.M Tue Aug 17 09:47:10 2004 MSF

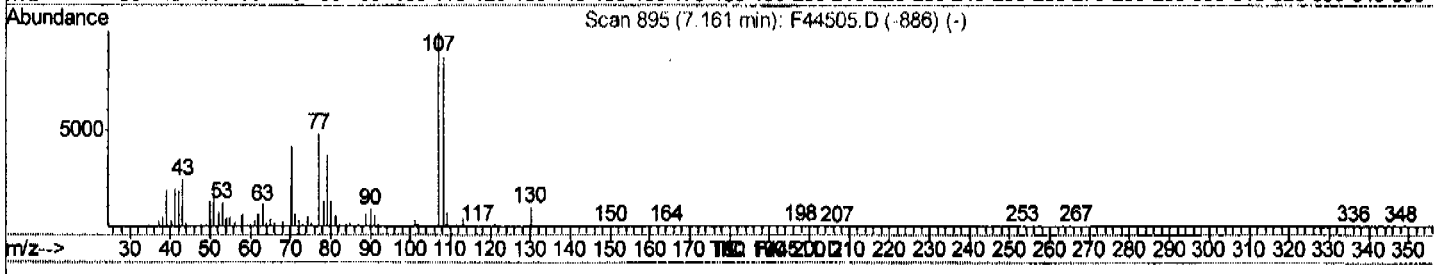
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44511.D Vial: 8
Acq On : 16 Aug 2004 3:59 pm Operator: NINAP
Sample : IC2402-2 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 8:19 2004 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 09:37:05 2004
Response via : Multiple Level Calibration







(22) 3&4-Methylphenol (t)

7.18min 1.93ppb m

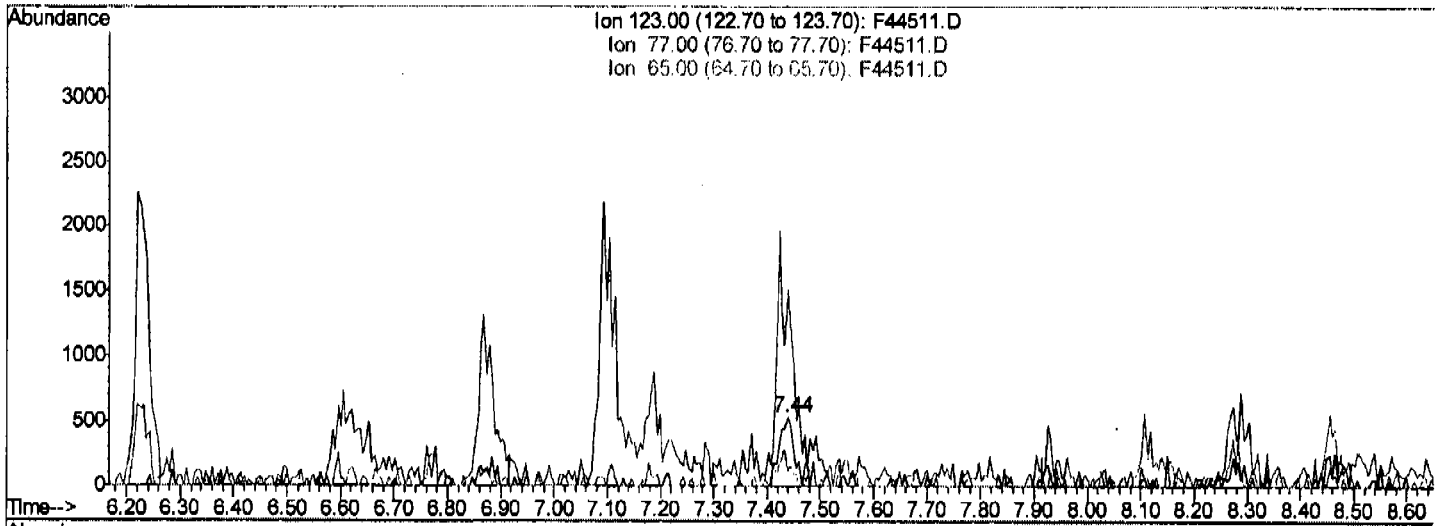
response 3189

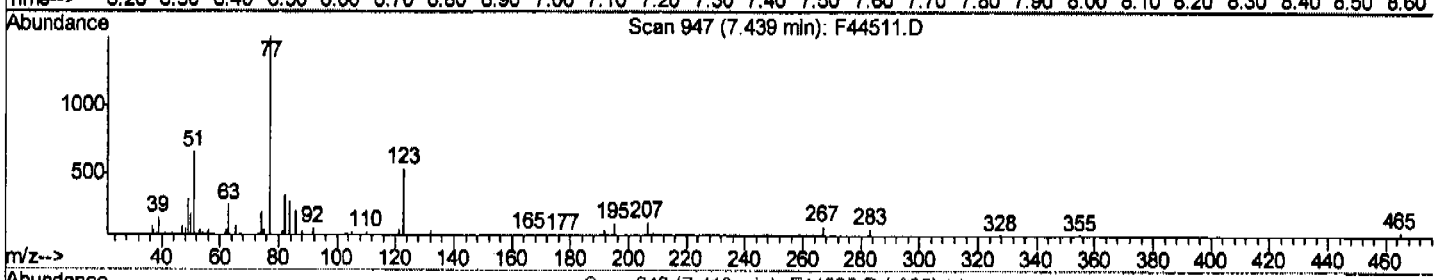
Ion	Exp%	Act%
108.00	100	100
107.00	115.50	84.71#
90.00	10.30	11.76
0.00	0.00	0.00

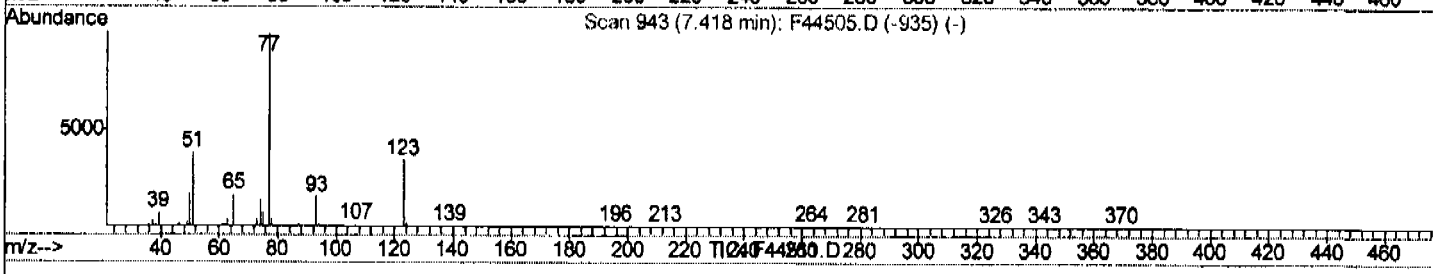
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44511.D Vial: 8
Acq On : 16 Aug 2004 3:59 pm Operator: NINAP
Sample : IC2402-2 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 8:19 2004 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 09:37:05 2004
Response via : Multiple Level Calibration







(27) Nitrobenzene (t)

7.44min 1.47ppb m

response 1240

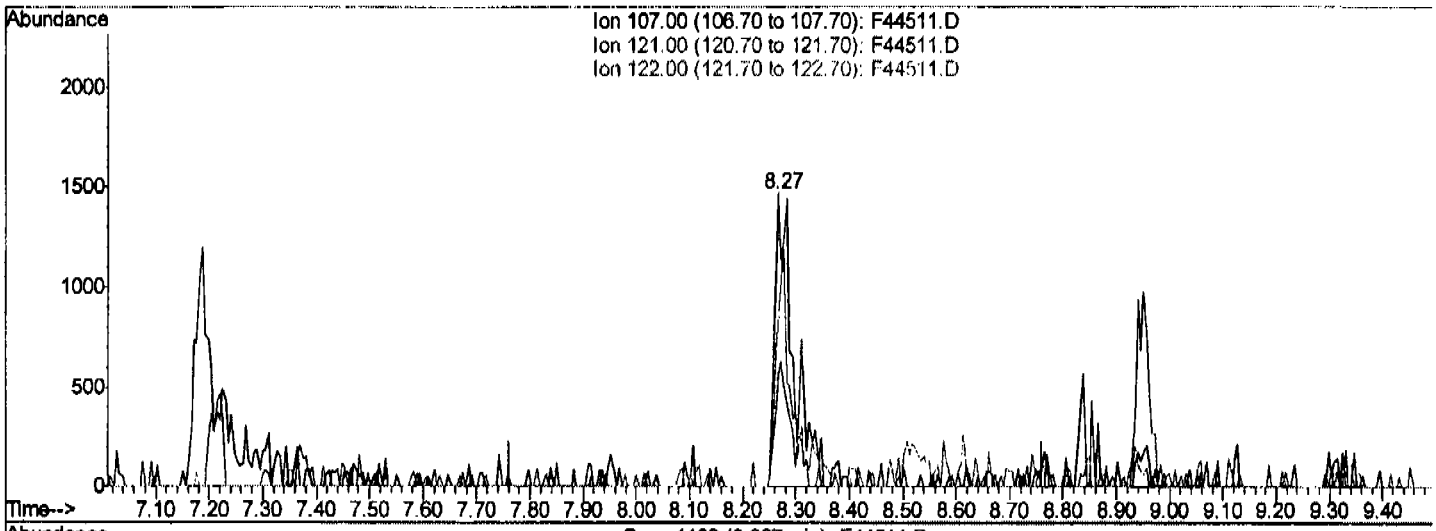
Ion	Exp%	Act%
123.00	100	100
77.00	293.70	281.95
65.00	47.00	22.18
0.00	0.00	0.00

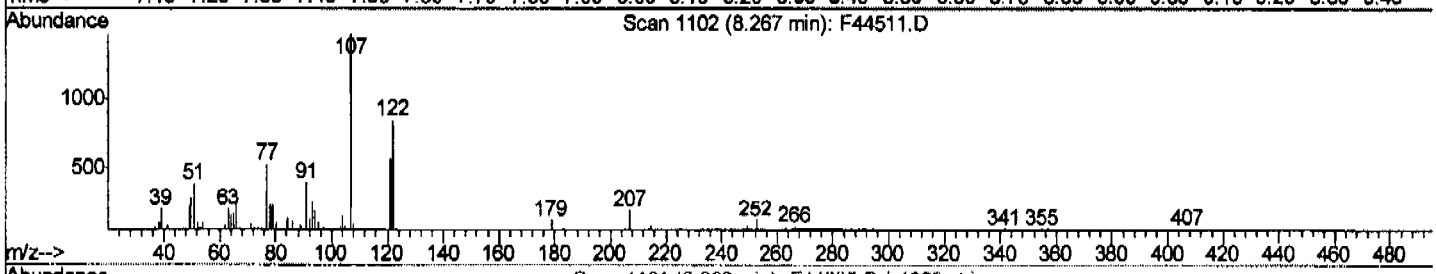
502

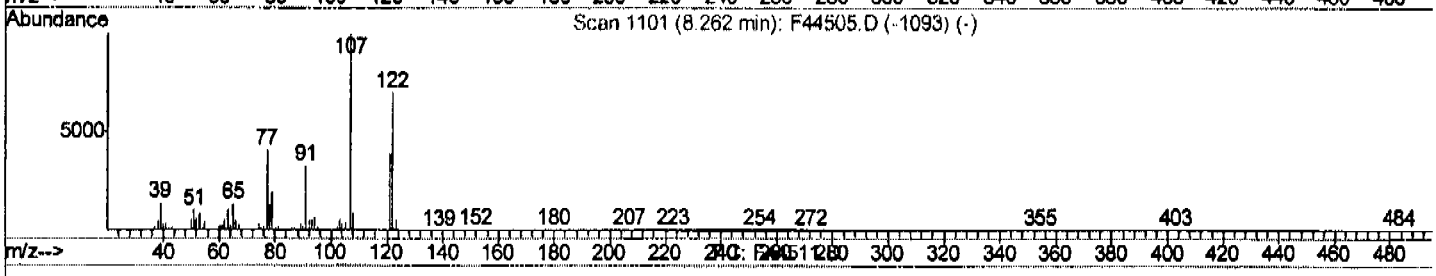
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44511.D Vial: 8
Acq On : 16 Aug 2004 3:59 pm Operator: NINAP
Sample : IC2402-2 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 9:47 2004 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 09:37:05 2004
Response via : Multiple Level Calibration







(31) 2,4-Dimethylphenol (t)

8.27min 1.66ppb m

response 3778

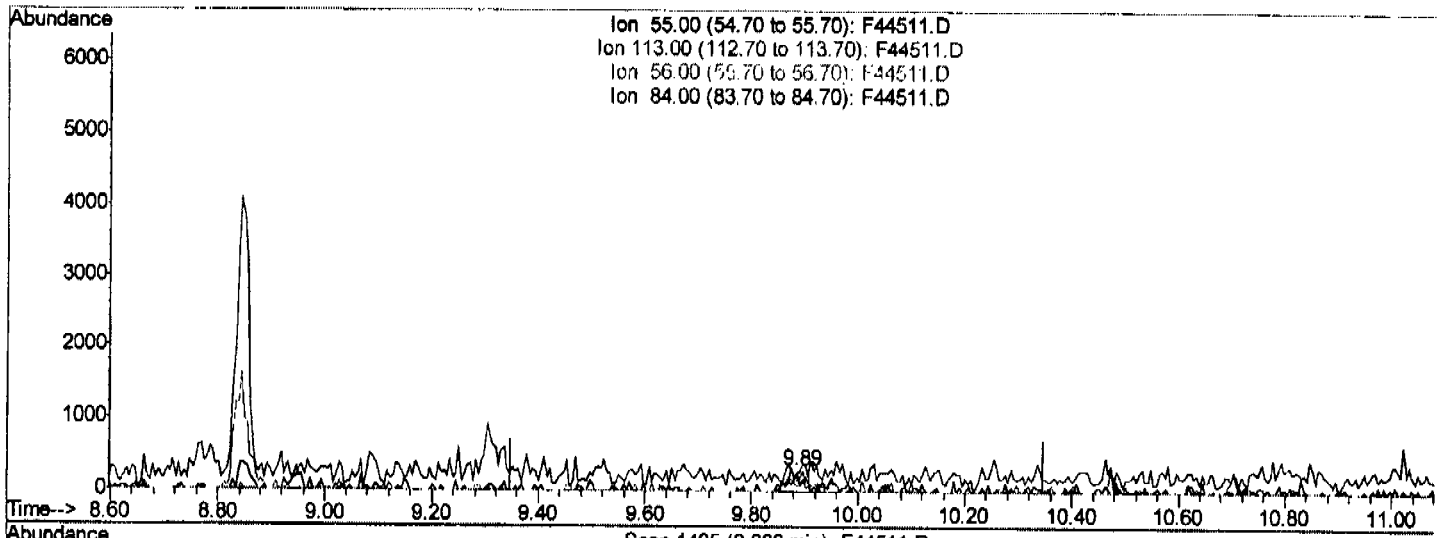
Ion	Exp%	Act%
107.00	100	100
121.00	38.40	38.77
122.00	69.90	57.00
0.00	0.00	0.00

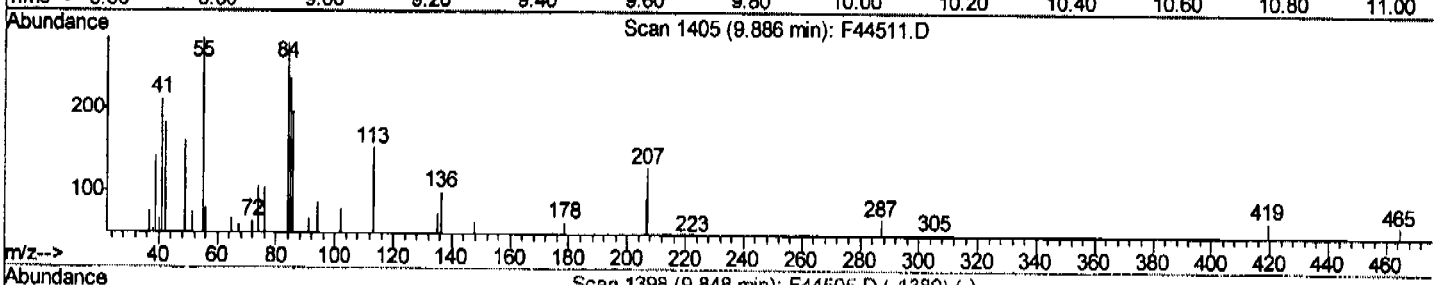
Quantitation Report (Qedit)

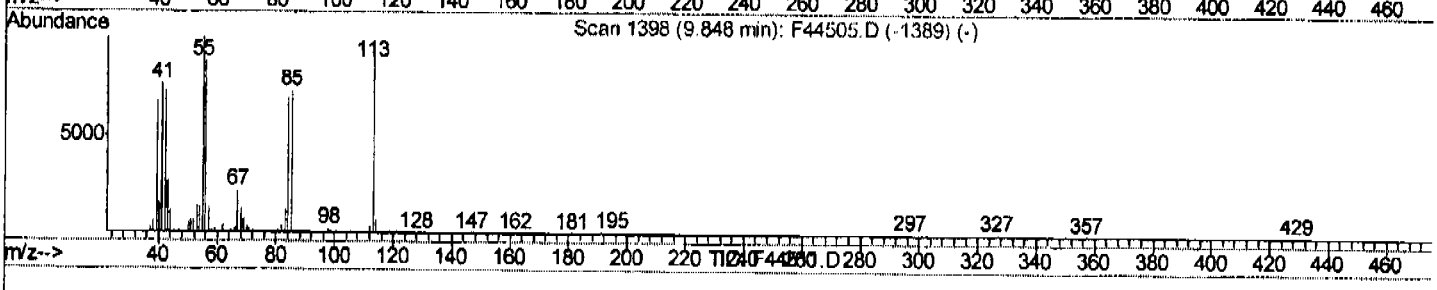
Data File : C:\MSDCHEM\1\DATA\EF2402\F44511.D
Acq On : 16 Aug 2004 3:59 pm
Sample : IC2402-2
Misc : OP17679,EF2402
MS Integration Params: LSCINT.P
Quant Time: Aug 17 9:47 2004

Vial: 8
Operator: NINAP
Inst : MSF
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 09:37:05 2004
Response via : Multiple Level Calibration







(42) Caprolactam (t)

9.89min 1.85ppb m

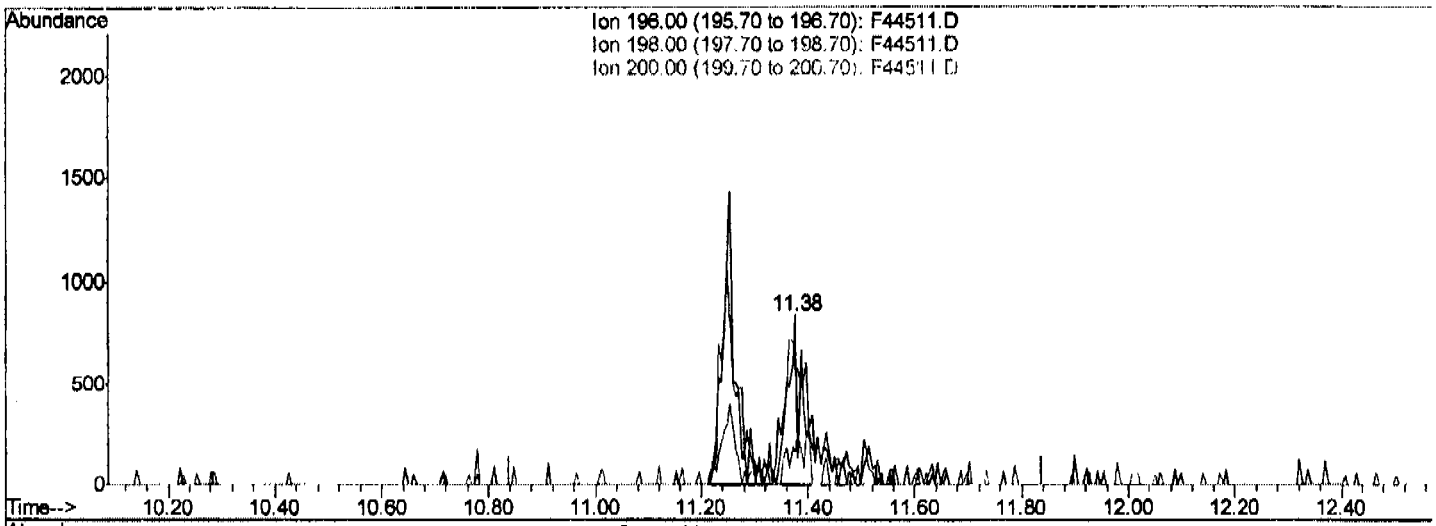
response 963

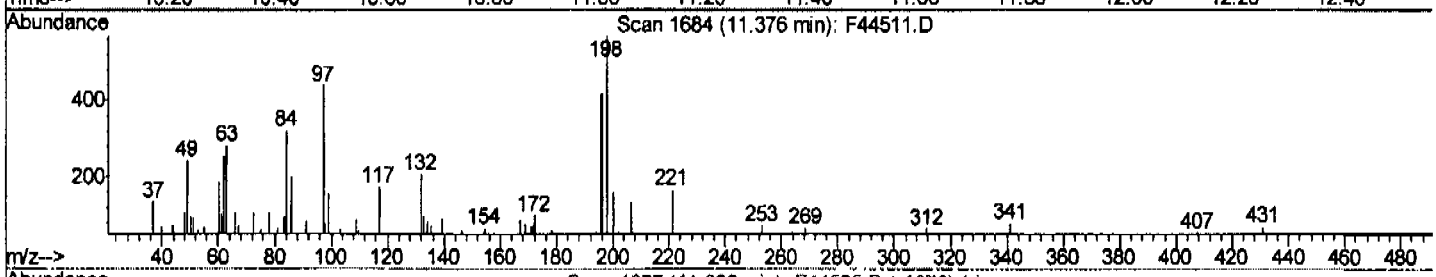
Ion	Exp%	Act%
55.00	100	100
113.00	97.80	53.71#
56.00	85.70	28.27#
84.00	69.70	97.88

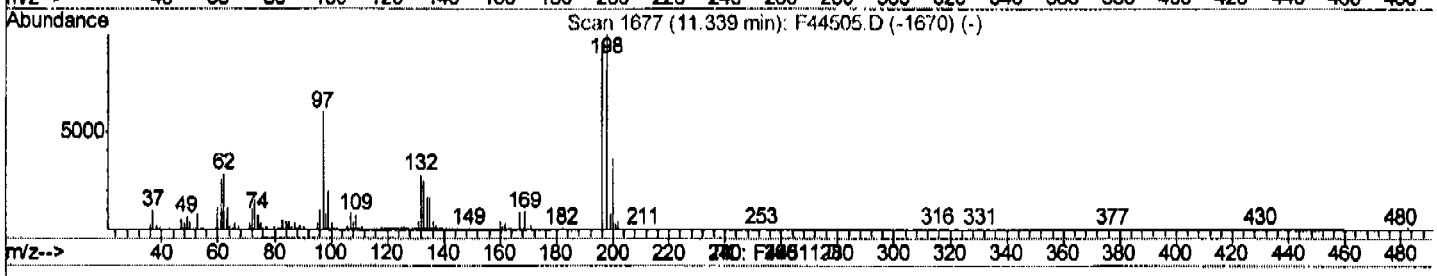
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44511.D Vial: 8
Acq On : 16 Aug 2004 3:59 pm Operator: NINAP
Sample : IC2402-2 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 9:47 2004 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 09:37:05 2004
Response via : Multiple Level Calibration







(51) 2,4,5-Trichlorophenol (t)

11.38min 1.66ppb m

response 2497

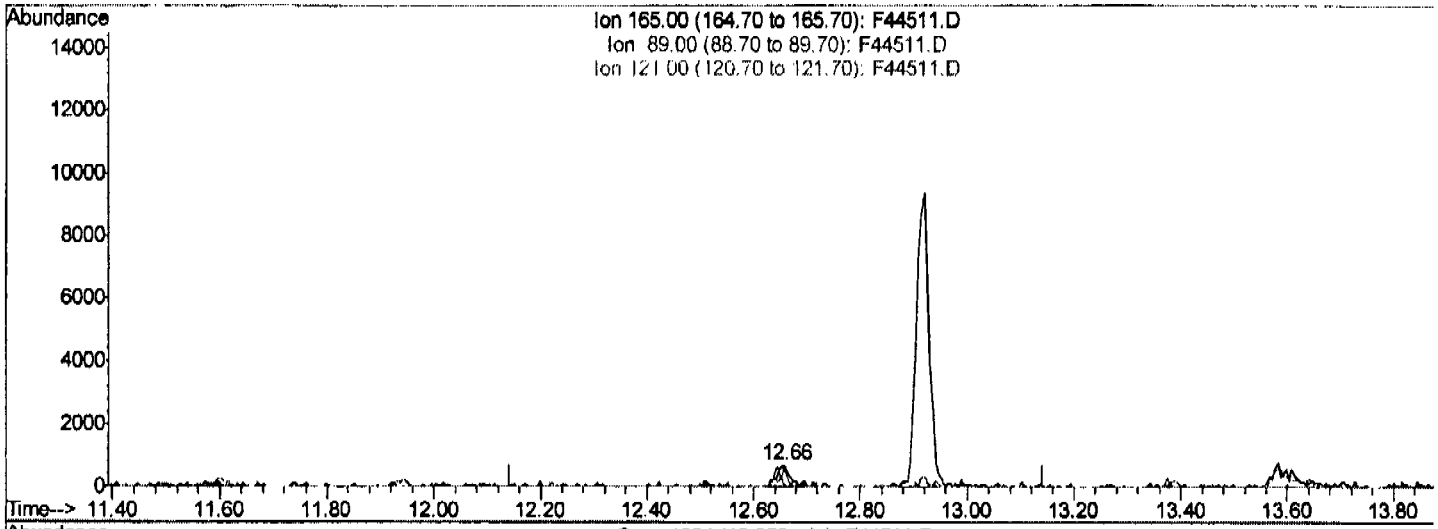
Ion	Exp%	Act%
196.00	100	100
198.00	103.90	134.84#
200.00	36.90	37.47
0.00	0.00	0.00

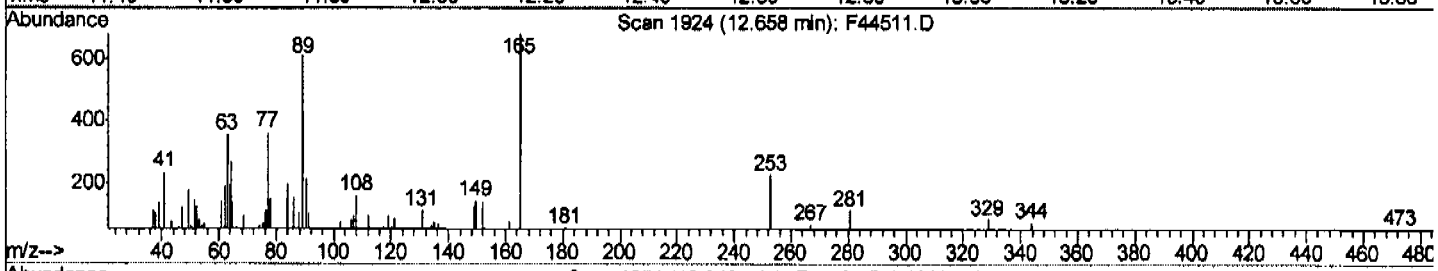
F44511.D MF2402.M Tue Aug 17 09:47:57 2004 MSF

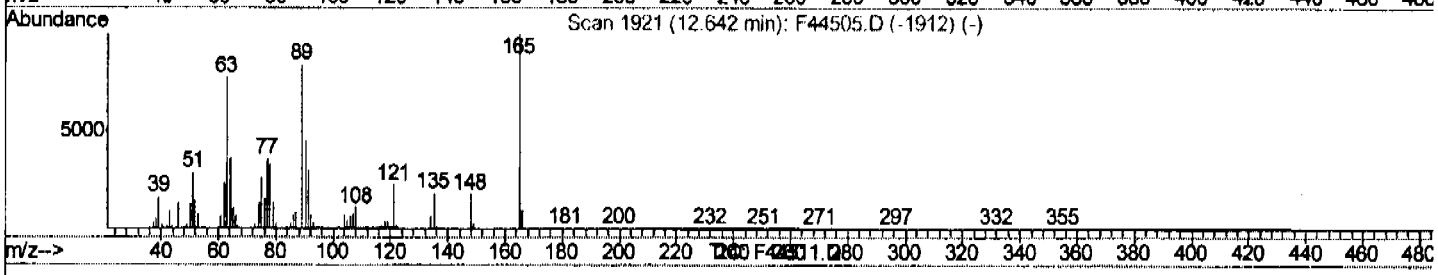
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44511.D Vial: 8
Acq On : 16 Aug 2004 3:59 pm Operator: NINAP
Sample : IC2402-2 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 9:48 2004 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 09:37:05 2004
Response via : Multiple Level Calibration







(58) 2,6-Dinitrotoluene (t)

12.66min 1.51ppb m

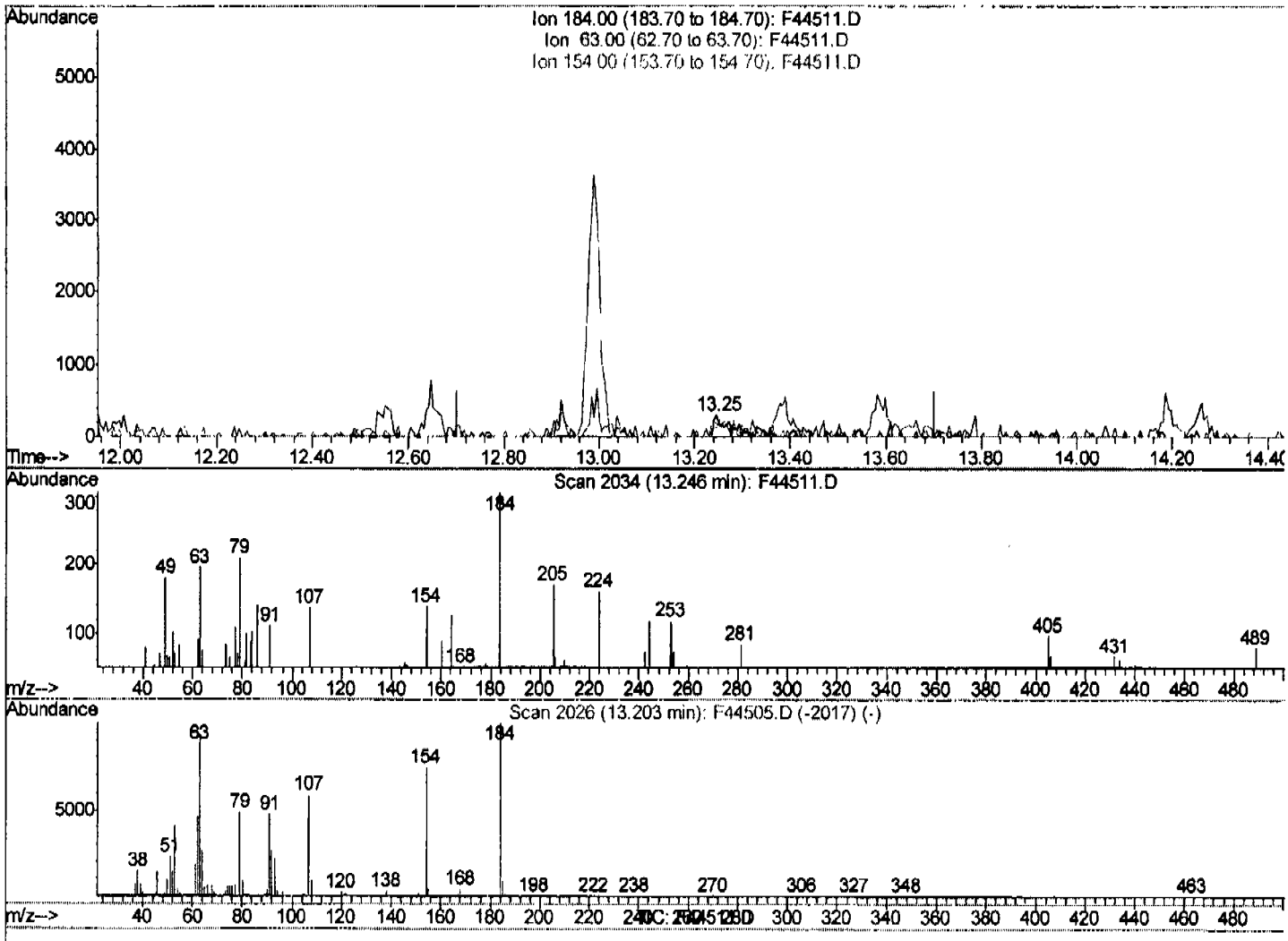
response 1459

Ion	Exp%	Act%
165.00	100	100
89.00	84.40	89.56
121.00	22.20	12.50
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44511.D Vial: 8
Acq On : 16 Aug 2004 3:59 pm Operator: NINAP
Sample : IC2402-2 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 9:48 2004 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 09:37:05 2004
Response via : Multiple Level Calibration



(61) 2,4-Dinitrophenol (t)

13.25min 1.23ppb m

response 853

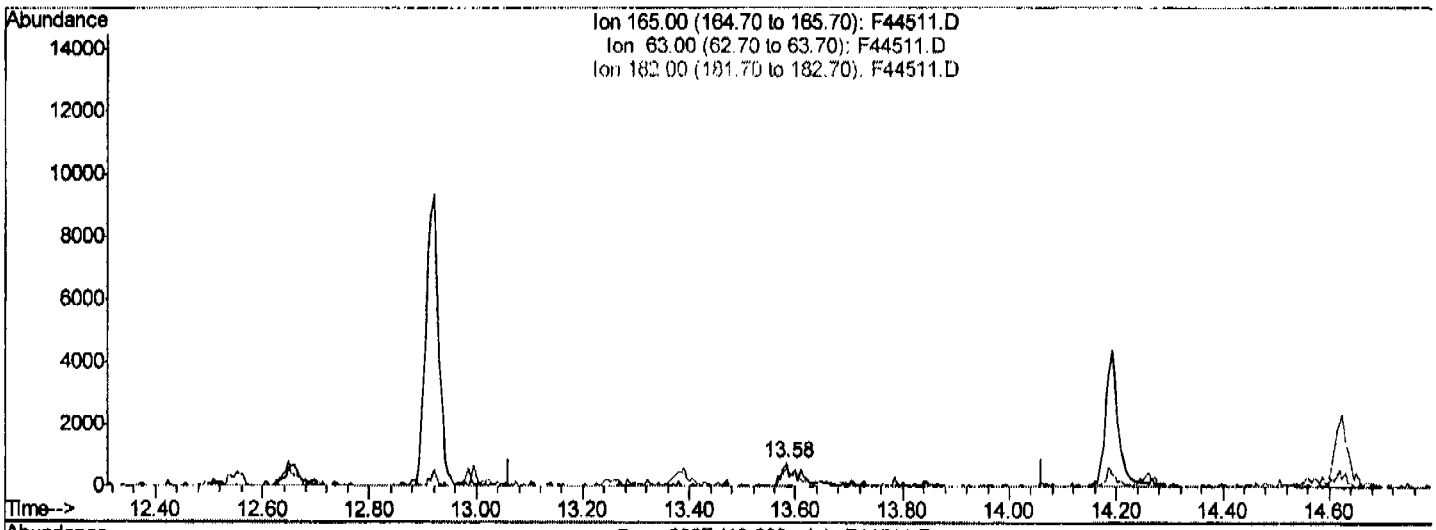
Ion	Exp%	Act%
184.00	100	100
63.00	92.80	63.73
154.00	73.80	45.10
0.00	0.00	0.00

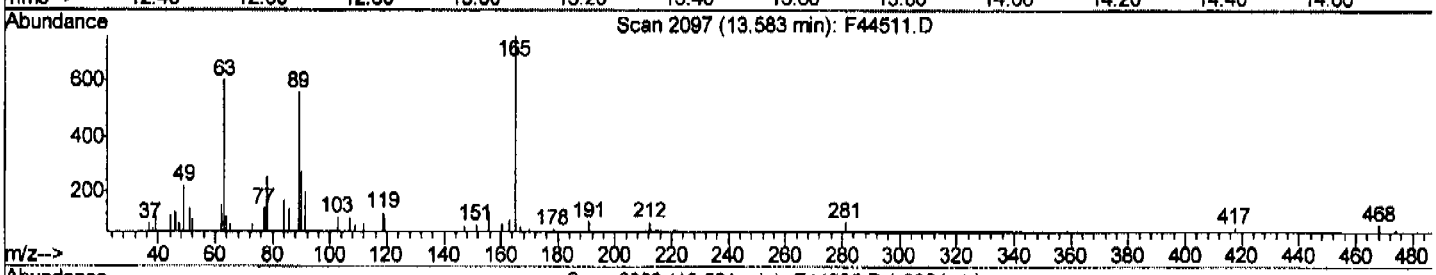
F44511.D MF2402.M Tue Aug 17 09:48:33 2004 MSF

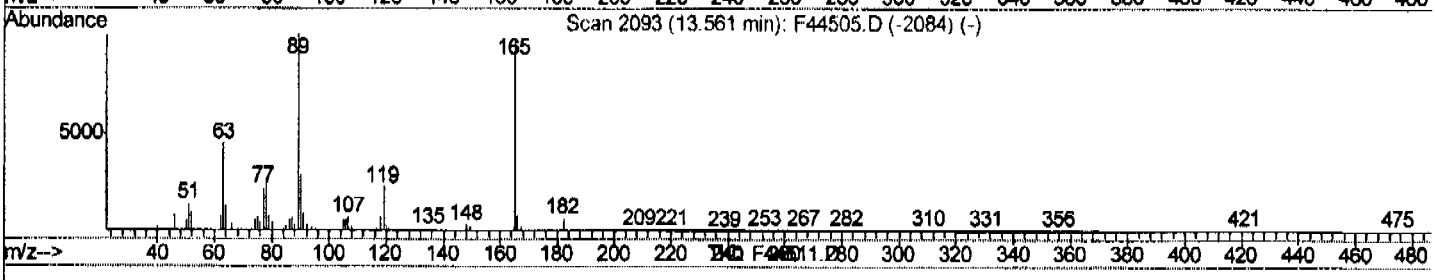
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44511.D Vial: 8
Acq On : 16 Aug 2004 3:59 pm Operator: NINAP
Sample : IC2402-2 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 9:48 2004 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 09:37:05 2004
Response via : Multiple Level Calibration







(64) 2,4-Dinitrotoluene (t)

13.58min 1.54ppb m

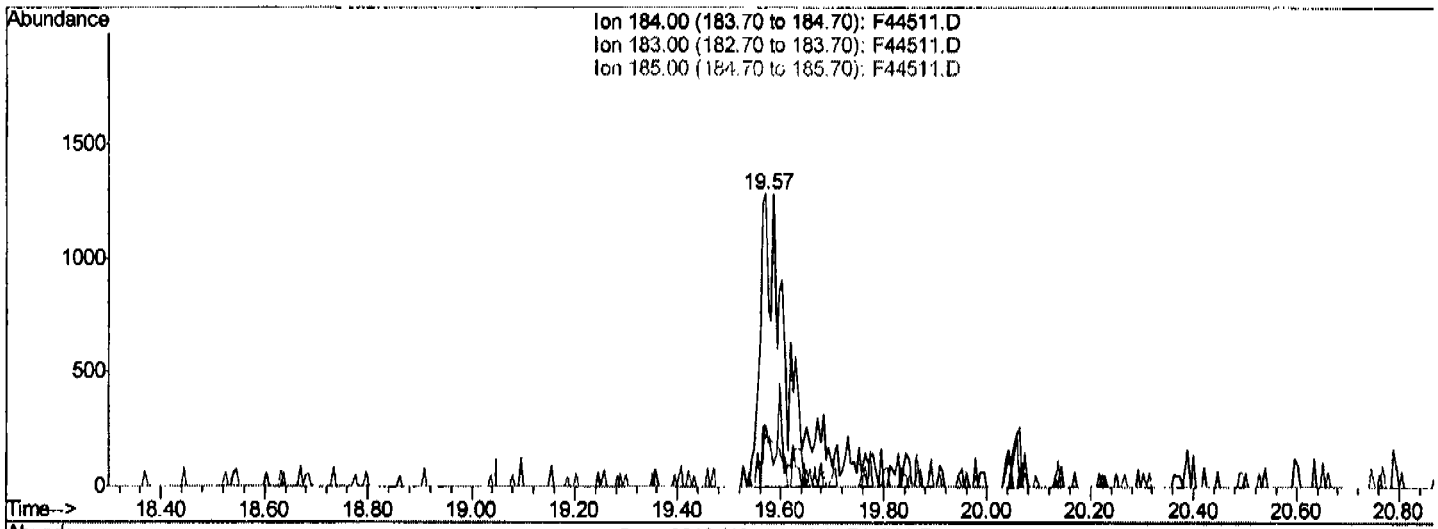
response 2178

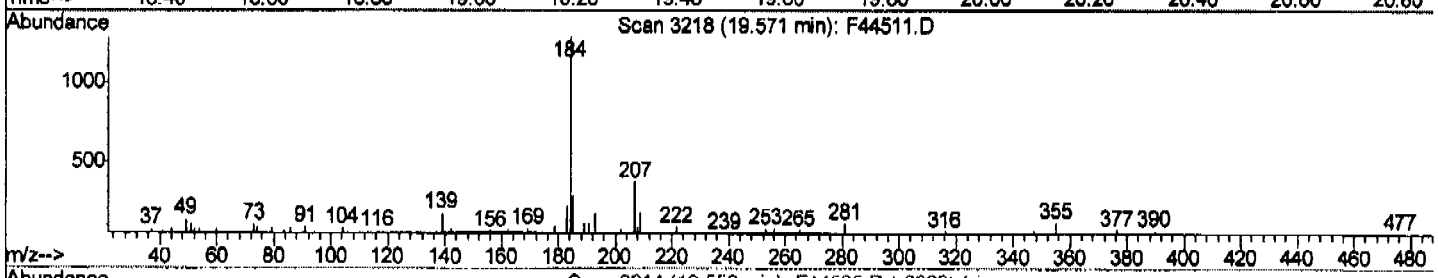
Ion	Exp%	Act%
165.00	100	100
63.00	55.40	78.95
182.00	5.80	0.00
0.00	0.00	0.00

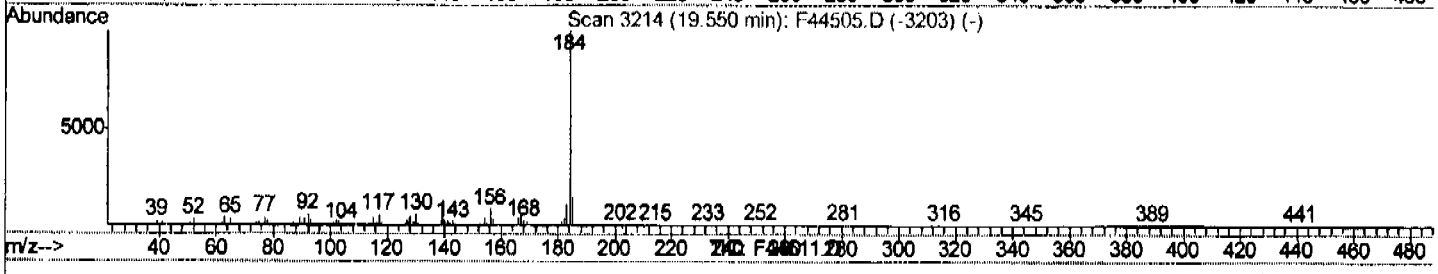
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44511.D Vial: 8
Acq On : 16 Aug 2004 3:59 pm Operator: NINAP
Sample : IC2402-2 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 9:49 2004 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 09:37:05 2004
Response via : Multiple Level Calibration







(86) Benzidine (t)

19.57min 2.19ppb m

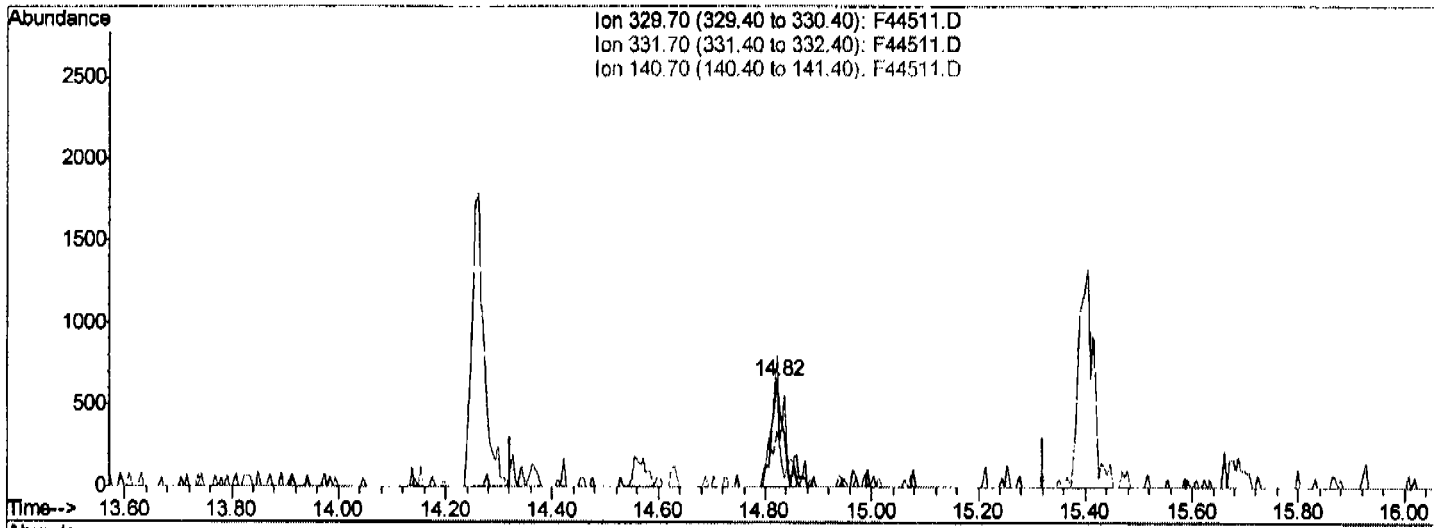
response 5530

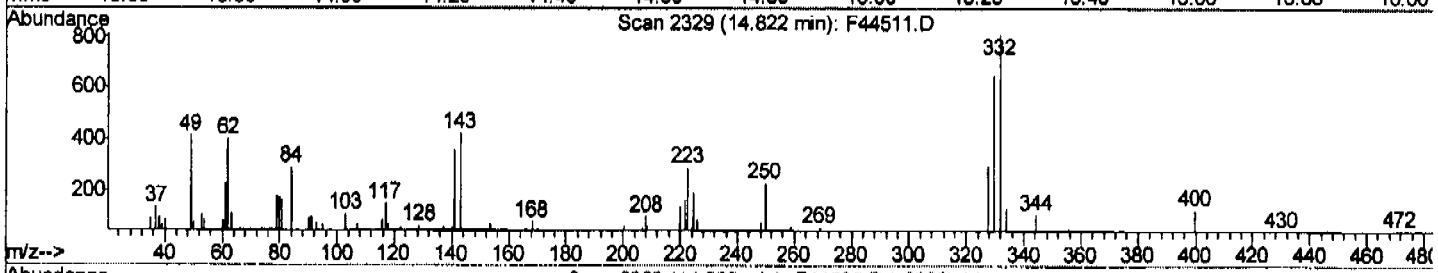
Ion	Exp%	Act%
184.00	100	100
183.00	10.90	17.02
185.00	14.00	21.78
0.00	0.00	0.00

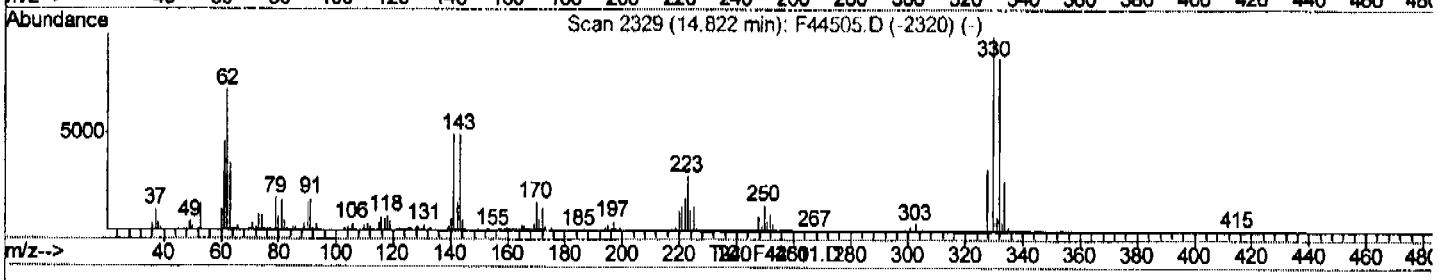
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44511.D Vial: 8
Acq On : 16 Aug 2004 3:59 pm Operator: NINAP
Sample : IC2402-2 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 9:49 2004 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 09:37:05 2004
Response via : Multiple Level Calibration







(75) 2,4,6-Tribromophenol (S)

14.82min 1.67ppb m

response 1231

Ion	Exp%	Act%
329.70	100	100
331.70	88.00	124.08#
140.70	49.00	54.29
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44513.D Vial: 10
Acq On : 16 Aug 2004 8:13 pm Operator: NINAP
Sample : ICC2403-50 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 11:05:48 2004 Quant Results File: MF2403.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2403.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 11:05:46 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.23	152	51814	40.00 ppb	0.00
25) Naphthalene-d8	8.84	136	203447	40.00 ppb	0.00
48) Acenaphthene-d10	12.91	164	127945	40.00 ppb	0.00
70) Phenanthrene-d10	16.38	188	255059	40.00 ppb	0.00
85) Chrysene-d12	21.94	240	334786	40.00 ppb	0.00
95) Perylene-d12	24.25	264	227451	40.00 ppb	0.00
106) 1,4-Dichlorobenzene-d4A	6.23	152	51814	40.00 ppb	0.00
108) Acenaphthene-d10A	12.91	164	127945	40.00 ppb	0.00

System Monitoring Compounds					
5) 2-Fluorophenol	0.00	112	0	0.00 ppb	
Spiked Amount 50.000			Recovery	= 0.00%	
8) Phenol-d5	0.00	99	0	0.00 ppb	
Spiked Amount 50.000			Recovery	= 0.00%	
26) Nitrobenzene-d5	0.00	82	0	0.00 ppb	
Spiked Amount 50.000			Recovery	= 0.00%	
52) 2-Fluorobiphenyl	0.00	172	0	0.00 ppb	
Spiked Amount 50.000			Recovery	= 0.00%	
75) 2,4,6-Tribromophenol	0.00	330	0	0.00 ppb	
Spiked Amount 50.000			Recovery	= 0.00%	
88) Terphenyl-d14	0.00	244	0	0.00 ppb	
Spiked Amount 50.000			Recovery	= 0.00%	

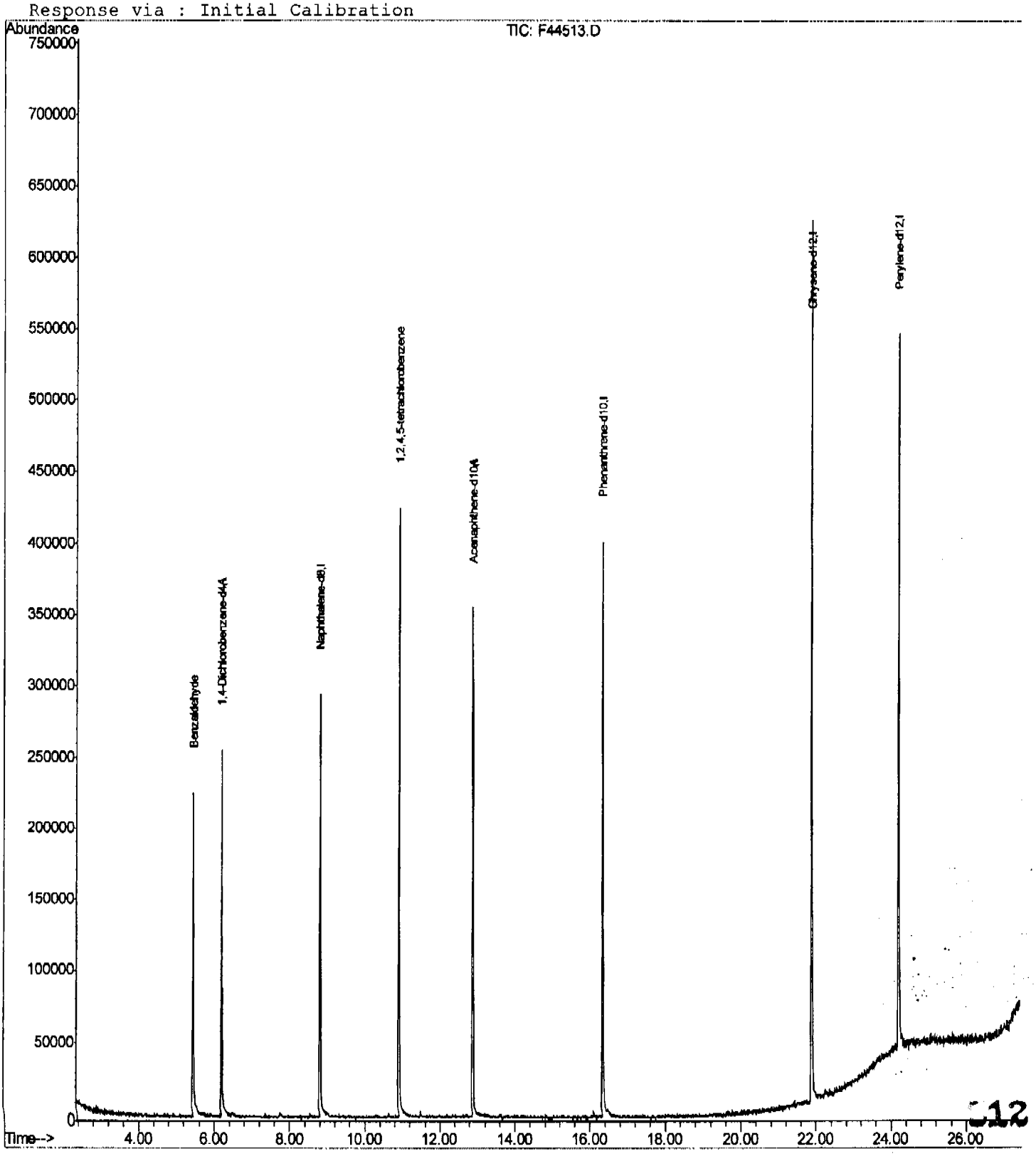
Target Compounds					Qvalue
107) Benzaldehyde	5.48	105	64571	50.00 ng	93
109) 1,2,4,5-tetrachlorobenzene	10.95	216	120709	50.00 ng	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44513.D Vial: 10
Acq On : 16 Aug 2004 8:13 pm Operator: NINAP
Sample : ICC2403-50 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 11:06 2004 Quant Results File: MF2403.RES

Method : C:\MSDCHEM\1\METHODS\MF2403.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 11:05:46 2004
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44514.D Vial: 11
Acq On : 16 Aug 2004 8:49 pm Operator: NINAP
Sample : IC2403-100 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 11:12:00 2004 Quant Results File: MF2403.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2403.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 11:05:46 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.23	152	48895	40.00 ppb	0.00
25) Naphthalene-d8	8.84	136	188765	40.00 ppb	0.00
48) Acenaphthene-d10	12.91	164	119631	40.00 ppb	0.00
70) Phenanthrene-d10	16.38	188	235056	40.00 ppb	0.00
85) Chrysene-d12	21.94	240	318067	40.00 ppb	0.00
95) Perylene-d12	24.25	264	224790	40.00 ppb	0.00
106) 1,4-Dichlorobenzene-d4A	6.23	152	48895	40.00 ppb	0.00
108) Acenaphthene-d10A	12.91	164	119631	40.00 ppb	0.00

System Monitoring Compounds					
5) 2-Fluorophenol	0.00	112	0	0.00 ppb	
Spiked Amount 50.000			Recovery	=	0.00%
8) Phenol-d5	0.00	99	0	0.00 ppb	
Spiked Amount 50.000			Recovery	=	0.00%
26) Nitrobenzene-d5	0.00	82	0	0.00 ppb	
Spiked Amount 50.000			Recovery	=	0.00%
52) 2-Fluorobiphenyl	0.00	172	0	0.00 ppb	
Spiked Amount 50.000			Recovery	=	0.00%
75) 2,4,6-Tribromophenol	0.00	330	0	0.00 ppb	
Spiked Amount 50.000			Recovery	=	0.00%
88) Terphenyl-d14	0.00	244	0	0.00 ppb	
Spiked Amount 50.000			Recovery	=	0.00%

Target Compounds					Qvalue
107) Benzaldehyde	5.47	105	128098	105.11 ng	93
109) 1,2,4,5-tetrachlorobenzene	10.95	216	240693	106.63 ng	96

XL 8/17/04

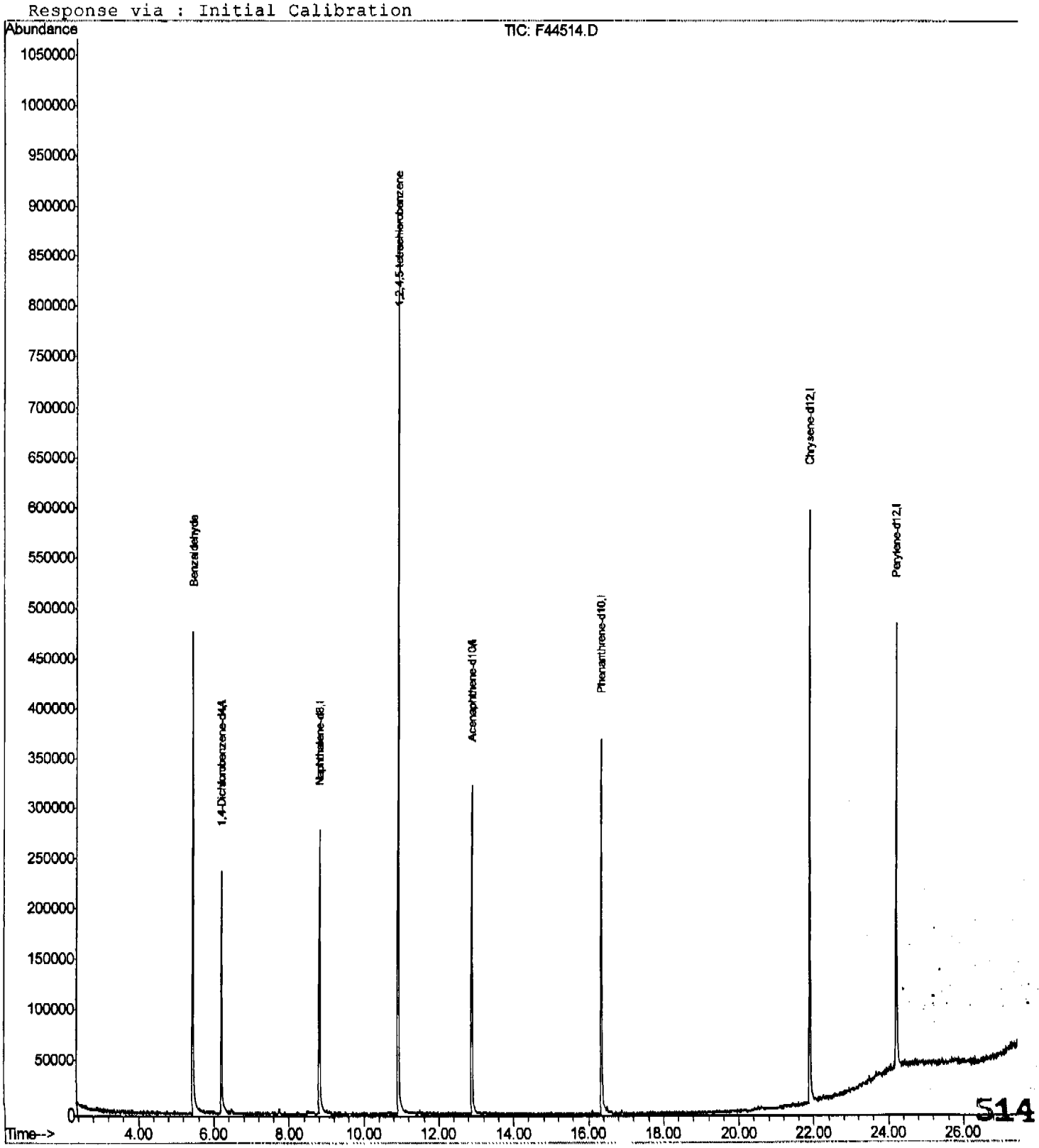
513

(#) = qualifier out of range (m) = manual integration
F44514.D MF2403.M Tue Aug 17 11:12:37 2004 MSF

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44514.D Vial: 11
Acq On : 16 Aug 2004 8:49 pm Operator: NINAP
Sample : IC2403-100 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 11:12 2004 Quant Results File: MF2403.RES

Method : C:\MSDCHEM\1\METHODS\MF2403.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 11:05:46 2004
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44515.D Vial: 12
Acq On : 16 Aug 2004 9:25 pm Operator: NINAP
Sample : IC2403-80 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 11:12:53 2004 Quant Results File: MF2403.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2403.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 11:05:46 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.23	152	38964	40.00 ppb	0.00
25) Naphthalene-d8	8.84	136	147649	40.00 ppb	0.00
48) Acenaphthene-d10	12.91	164	89126	40.00 ppb	0.00
70) Phenanthrene-d10	16.38	188	183033	40.00 ppb	0.00
85) Chrysene-d12	21.94	240	234839	40.00 ppb	0.00
95) Perylene-d12	24.25	264	165220	40.00 ppb	0.00
106) 1,4-Dichlorobenzene-d4A	6.23	152	38964	40.00 ppb	0.00
108) Acenaphthene-d10A	12.91	164	89126	40.00 ppb	0.00

System Monitoring Compounds					
5) 2-Fluorophenol	0.00	112	0	0.00 ppb	
Spiked Amount 50.000			Recovery	=	0.00%
8) Phenol-d5	0.00	99	0	0.00 ppb	
Spiked Amount 50.000			Recovery	=	0.00%
26) Nitrobenzene-d5	0.00	82	0	0.00 ppb	
Spiked Amount 50.000			Recovery	=	0.00%
52) 2-Fluorobiphenyl	0.00	172	0	0.00 ppb	
Spiked Amount 50.000			Recovery	=	0.00%
75) 2,4,6-Tribromophenol	0.00	330	0	0.00 ppb	
Spiked Amount 50.000			Recovery	=	0.00%
88) Terphenyl-d14	0.00	244	0	0.00 ppb	
Spiked Amount 50.000			Recovery	=	0.00%

Target Compounds					Qvalue
107) Benzaldehyde	5.47	105	78487	80.82 ng	95
109) 1,2,4,5-tetrachlorobenzene	10.95	216	142995	85.03 ng	98

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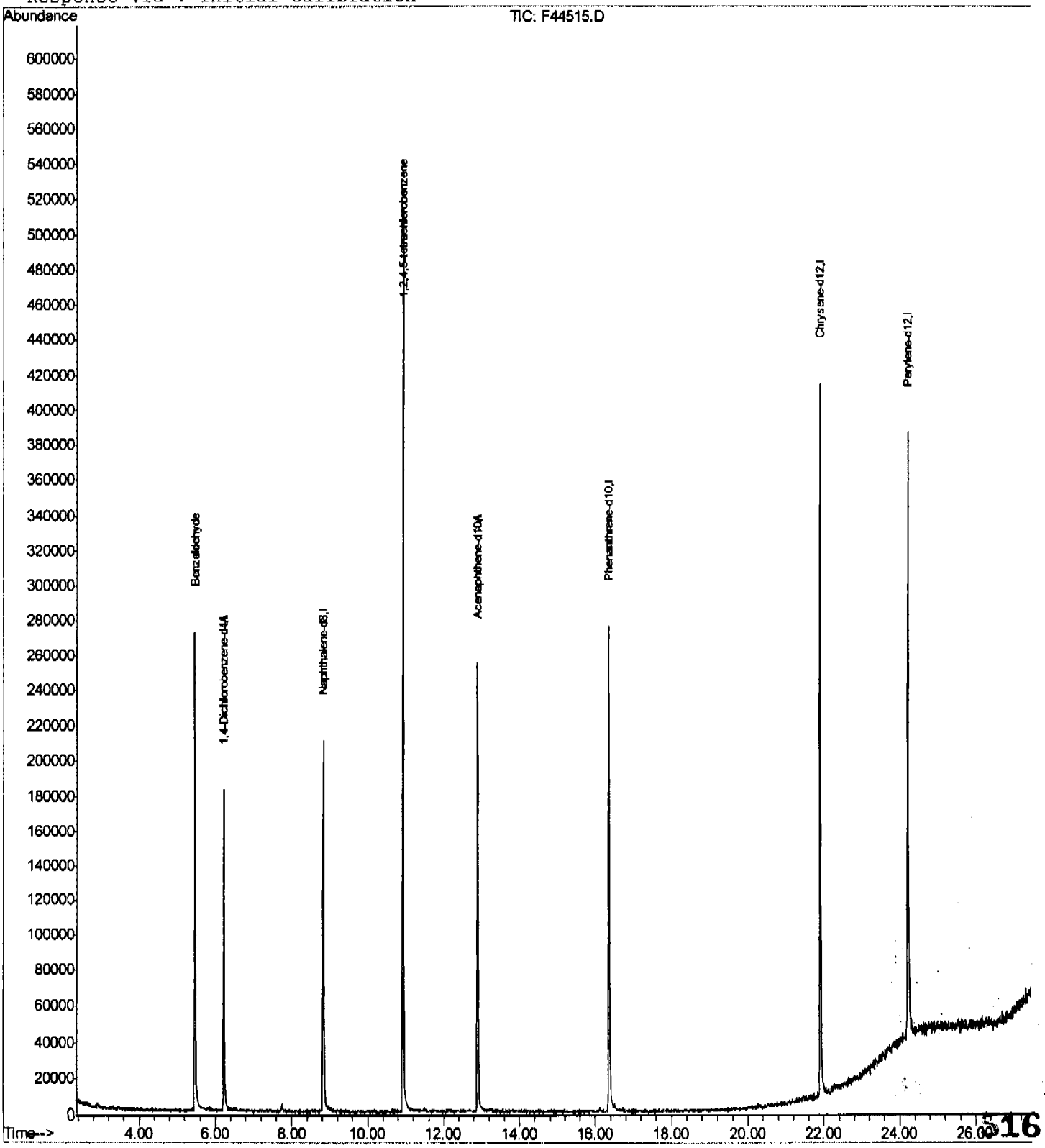
515

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44515.D Vial: 12
Acq On : 16 Aug 2004 9:25 pm Operator: NINAP
Sample : IC2403-80 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 11:13 2004 Quant Results File: MF2403.RES

Method : C:\MSDCHEM\1\METHODS\MF2403.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 11:05:46 2004
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44516.D Vial: 13
Acq On : 16 Aug 2004 10:01 pm Operator: NINAP
Sample : IC2403-25 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 11:13:28 2004 Quant Results File: MF2403.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2403.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 11:05:46 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.23	152	38683	40.00	ppb	0.00
25) Naphthalene-d8	8.84	136	149811	40.00	ppb	0.00
48) Acenaphthene-d10	12.91	164	91987	40.00	ppb	0.00
70) Phenanthrene-d10	16.38	188	186964	40.00	ppb	0.00
85) Chrysene-d12	21.94	240	240298	40.00	ppb	0.00
95) Perylene-d12	24.25	264	169570	40.00	ppb	0.00
106) 1,4-Dichlorobenzene-d4A	6.23	152	38683	40.00	ppb	0.00
108) Acenaphthene-d10A	12.91	164	91987	40.00	ppb	0.00

System Monitoring Compounds					
5) 2-Fluorophenol	0.00	112	0	0.00	ppb
Spiked Amount 50.000			Recovery = 0.00%		
8) Phenol-d5	0.00	99	0	0.00	ppb
Spiked Amount 50.000			Recovery = 0.00%		
26) Nitrobenzene-d5	0.00	82	0	0.00	ppb
Spiked Amount 50.000			Recovery = 0.00%		
52) 2-Fluorobiphenyl	0.00	172	0	0.00	ppb
Spiked Amount 50.000			Recovery = 0.00%		
75) 2,4,6-Tribromophenol	0.00	330	0	0.00	ppb
Spiked Amount 50.000			Recovery = 0.00%		
88) Terphenyl-d14	0.00	244	0	0.00	ppb
Spiked Amount 50.000			Recovery = 0.00%		

Target Compounds						Qvalue
107) Benzaldehyde	5.48	105	24901	25.83	ng	96
109) 1,2,4,5-tetrachlorobenzene	10.95	216	44047	25.38	ng	96

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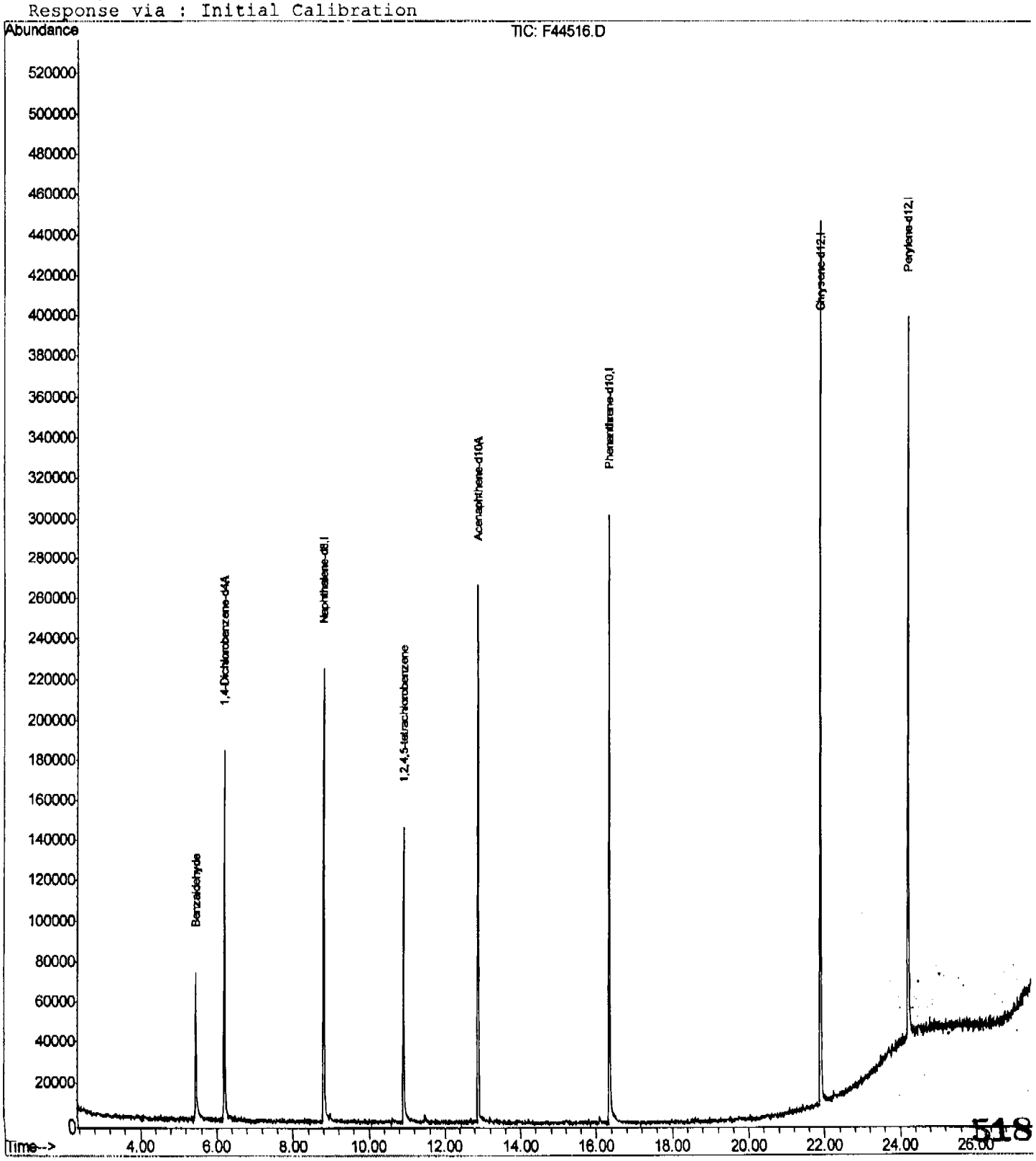
(#) = qualifier out of range (m) = manual integration
F44516.D MF2403.M Tue Aug 17 11:13:53 2004 MSF Page

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44516.D Vial: 13
Acq On : 16 Aug 2004 10:01 pm Operator: NINAP
Sample : IC2403-25 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 11:13 2004 Quant Results File: MF2403.RES

Method : C:\MSDCHEM\1\METHODS\MF2403.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 11:05:46 2004
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44517.D Vial: 14
Acq On : 16 Aug 2004 10:37 pm Operator: NINAP
Sample : IC2403-10 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 11:14:53 2004 Quant Results File: MF2403.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2403.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 11:14:43 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.23	152	45669	40.00	ppb	0.00
25) Naphthalene-d8	8.84	136	175324	40.00	ppb	0.00
48) Acenaphthene-d10	12.91	164	108537	40.00	ppb	0.00
70) Phenanthrene-d10	16.38	188	211089	40.00	ppb	0.00
85) Chrysene-d12	21.94	240	283301	40.00	ppb	0.00
95) Perylene-d12	24.25	264	206077	40.00	ppb	0.00
106) 1,4-Dichlorobenzene-d4A	6.23	152	45669	40.00	ppb	0.00
108) Acenaphthene-d10A	12.91	164	108537	40.00	ppb	0.00

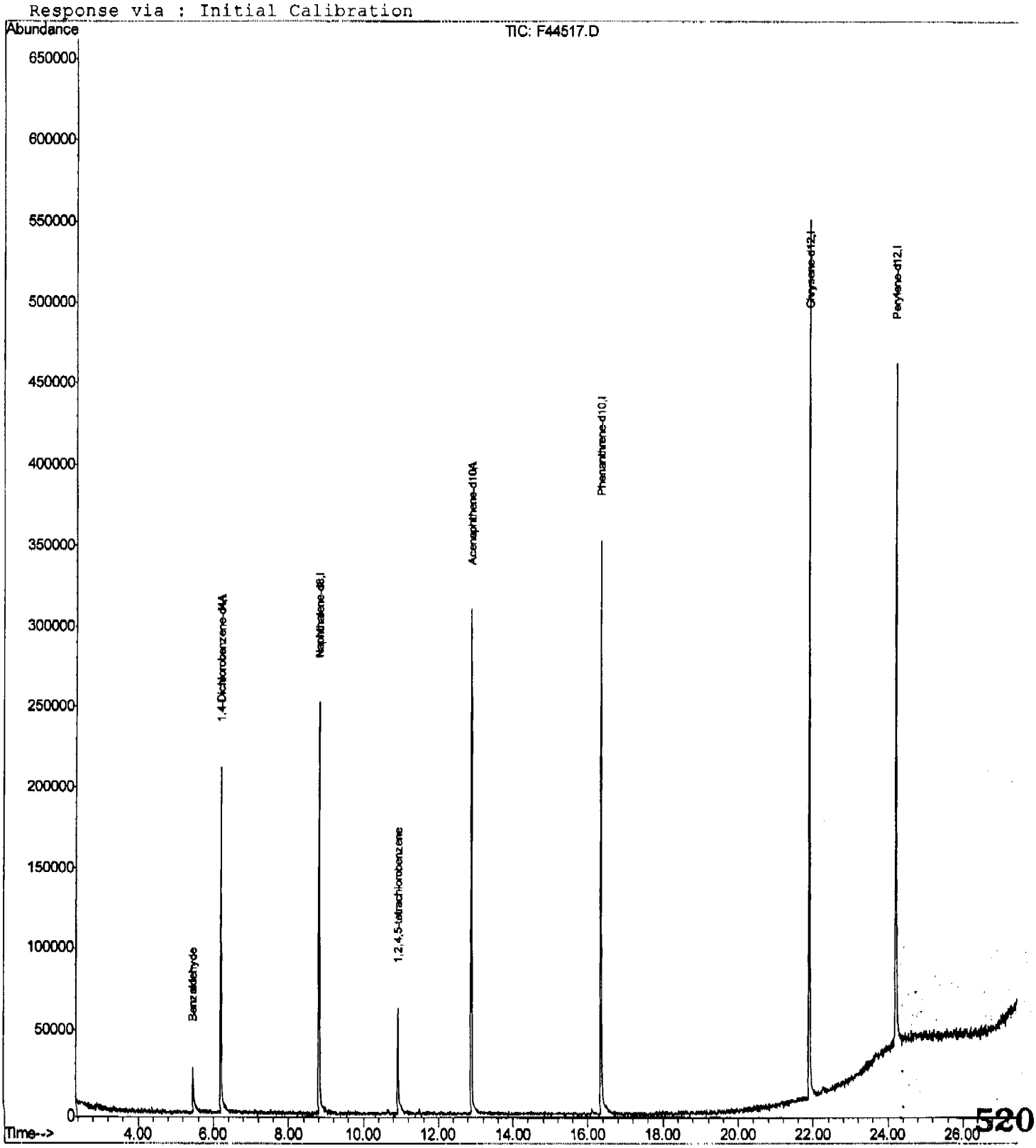
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ppb	
Spiked Amount 50.000			Recovery	=	0.00%	
8) Phenol-d5	0.00	99	0	0.00	ppb	
Spiked Amount 50.000			Recovery	=	0.00%	
26) Nitrobenzene-d5	0.00	82	0	0.00	ppb	
Spiked Amount 50.000			Recovery	=	0.00%	
52) 2-Fluorobiphenyl	0.00	172	0	0.00	ppb	
Spiked Amount 50.000			Recovery	=	0.00%	
75) 2,4,6-Tribromophenol	0.00	330	0	0.00	ppb	
Spiked Amount 50.000			Recovery	=	0.00%	
88) Terphenyl-d14	0.00	244	0	0.00	ppb	
Spiked Amount 50.000			Recovery	=	0.00%	

Target Compounds						Qvalue
107) Benzaldehyde	5.49	105	9304	8.17	ng	88
109) 1,2,4,5-tetrachlorobenzene	10.95	216	19386	9.47	ng	100

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44517.D Vial: 14
Acq On : 16 Aug 2004 10:37 pm Operator: NINAP
Sample : IC2403-10 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 11:15 2004 Quant Results File: MF2403.RES

Method : C:\MSDCHEM\1\METHODS\MF2403.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 11:14:43 2004
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44518.D
Acq On : 16 Aug 2004 11:13 pm
Sample : IC2403-5
Misc : OP17679,EF2402
MS Integration Params: LSCINT.P
Quant Time: Aug 17 11:15:23 2004

Vial: 15
Operator: NINAP
Inst : MSF
Multiplr: 1.00

Quant Results File: MF2403.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2403.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 11:14:43 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.23	152	43060	40.00 ppb	0.00
25) Naphthalene-d8	8.84	136	166155	40.00 ppb	0.00
48) Acenaphthene-d10	12.91	164	101207	40.00 ppb	0.00
70) Phenanthrene-d10	16.38	188	197143	40.00 ppb	0.00
85) Chrysene-d12	21.94	240	264947	40.00 ppb	0.00
95) Perylene-d12	24.25	264	189243	40.00 ppb	0.00
106) 1,4-Dichlorobenzene-d4A	6.23	152	43060	40.00 ppb	0.00
108) Acenaphthene-d10A	12.91	164	101207	40.00 ppb	0.00

System Monitoring Compounds					
5) 2-Fluorophenol	0.00	112	0	0.00 ppb	
Spiked Amount 50.000			Recovery =	0.00%	
8) Phenol-d5	0.00	99	0	0.00 ppb	
Spiked Amount 50.000			Recovery =	0.00%	
26) Nitrobenzene-d5	0.00	82	0	0.00 ppb	
Spiked Amount 50.000			Recovery =	0.00%	
52) 2-Fluorobiphenyl	0.00	172	0	0.00 ppb	
Spiked Amount 50.000			Recovery =	0.00%	
75) 2,4,6-Tribromophenol	0.00	330	0	0.00 ppb	
Spiked Amount 50.000			Recovery =	0.00%	
88) Terphenyl-d14	0.00	244	0	0.00 ppb	
Spiked Amount 50.000			Recovery =	0.00%	

Target Compounds					Qvalue
107) Benzaldehyde	5.49	105	4282	3.99 ng #	82
109) 1,2,4,5-tetrachlorobenzene	10.96	216	9608	5.03 ng	92

Vh 8/17/04

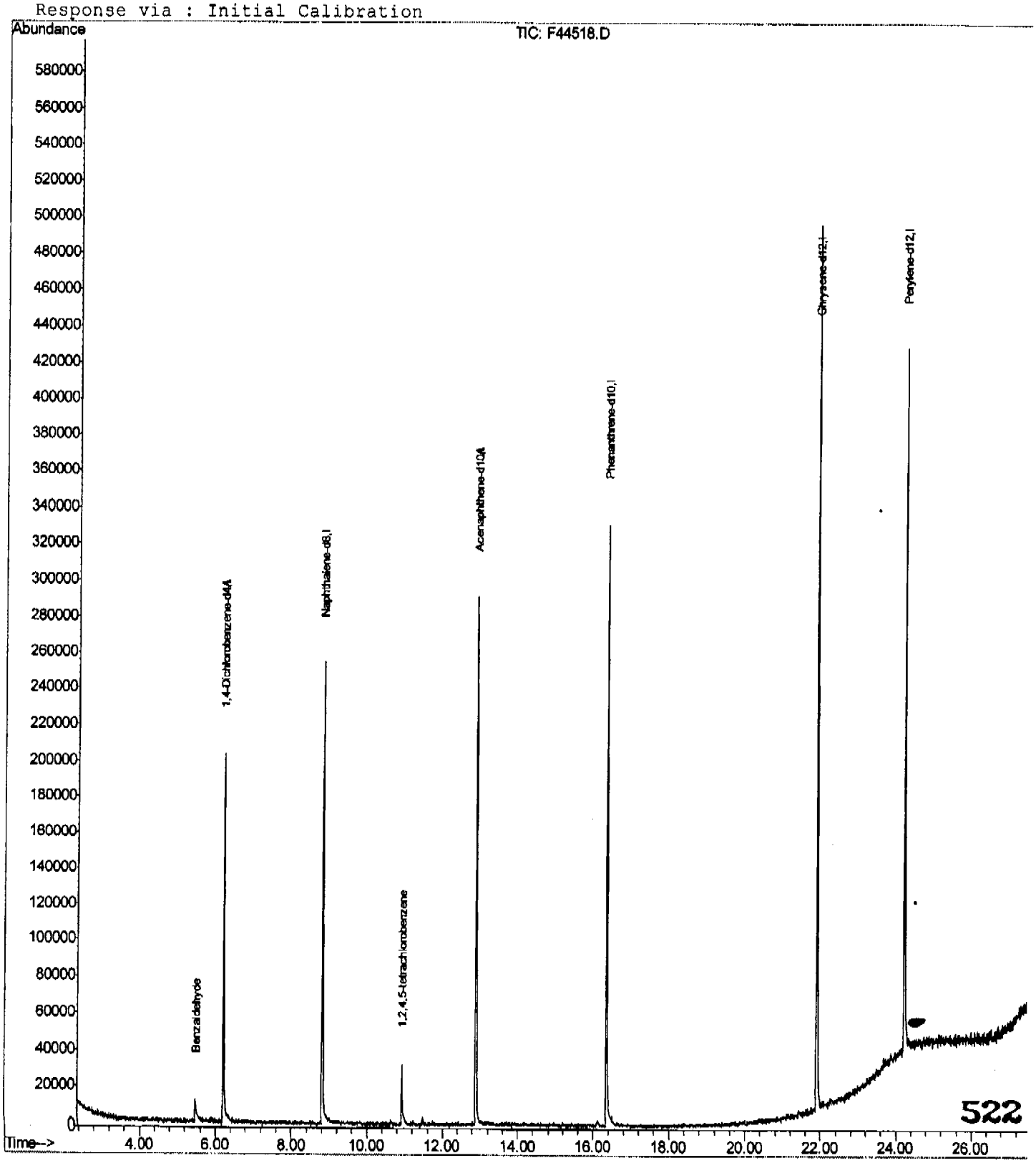
(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44518.D
Acq On : 16 Aug 2004 11:13 pm
Sample : IC2403-5
Misc : OP17679,EF2402
MS Integration Params: LSCINT.P
Quant Time: Aug 17 11:15 2004

Vial: 15
Operator: NINAP
Inst : MSF
Multiplr: 1.00
Quant Results File: MF2403.RES

Method : C:\MSDCHEM\1\METHODS\MF2403.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 11:14:43 2004
Response via : Initial Calibration



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Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44519.D Vial: 16
Acq On : 16 Aug 2004 11:49 pm Operator: NINAP
Sample : IC2403-2 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 11:15:49 2004 Quant Results File: MF2403.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2403.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 11:14:43 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.23	152	43852	40.00 ppb	0.00
25) Naphthalene-d8	8.84	136	170647	40.00 ppb	0.00
48) Acenaphthene-d10	12.92	164	106439	40.00 ppb	0.00
70) Phenanthrene-d10	16.38	188	206576	40.00 ppb	0.00
85) Chrysene-d12	21.94	240	277939	40.00 ppb	0.00
95) Perylene-d12	24.25	264	198645	40.00 ppb	0.00
106) 1,4-Dichlorobenzene-d4A	6.23	152	43852	40.00 ppb	0.00
108) Acenaphthene-d10A	12.92	164	106439	40.00 ppb	0.00

System Monitoring Compounds					
5) 2-Fluorophenol	0.00	112	0	0.00 ppb	
Spiked Amount 50.000			Recovery	=	0.00%
8) Phenol-d5	0.00	99	0	0.00 ppb	
Spiked Amount 50.000			Recovery	=	0.00%
26) Nitrobenzene-d5	0.00	82	0	0.00 ppb	
Spiked Amount 50.000			Recovery	=	0.00%
52) 2-Fluorobiphenyl	0.00	172	0	0.00 ppb	
Spiked Amount 50.000			Recovery	=	0.00%
75) 2,4,6-Tribromophenol	0.00	330	0	0.00 ppb	
Spiked Amount 50.000			Recovery	=	0.00%
88) Terphenyl-d14	0.00	244	0	0.00 ppb	
Spiked Amount 50.000			Recovery	=	0.00%

Target Compounds					Qvalue
107) Benzaldehyde	5.53	105	2018	1.85 ng #	40
109) 1,2,4,5-tetrachlorobenzene	10.95	216	3734	1.86 ng	91

NW 08/17/04

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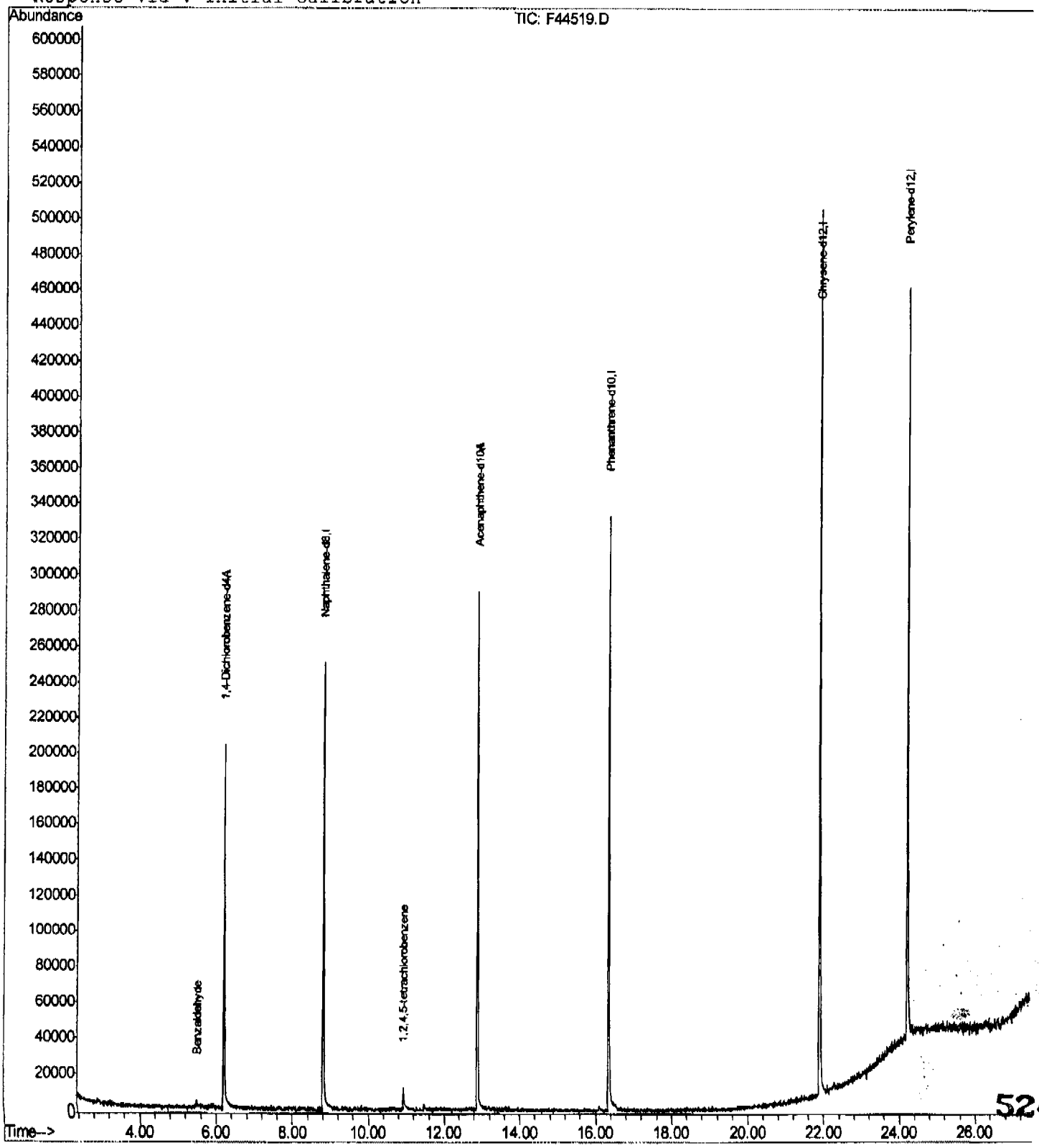
(#) = qualifier out of range (m) = manual integration
F44519.D MF2403.M Tue Aug 17 11:16:18 2004 MSF Page

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2402\F44519.D Vial: 16
Acq On : 16 Aug 2004 11:49 pm Operator: NINAP
Sample : IC2403-2 Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 11:15 2004 Quant Results File: MF2403.RES

Method : C:\MSDCHEM\1\METHODS\MF2403.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 11:14:43 2004
Response via : Initial Calibration



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Continuing Calibration Summary

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC
Sample: EF2403-CC2402
Lab FileID: F44524.D

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\EF2403\F44524.D Vial: 2
Acq On : 17 Aug 2004 2:20 pm Operator: NINAP
Sample : CC2402-50 Inst : MSF
Misc : OP17679,EF2403 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 09:56:38 2004
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	93	-0.01	6.22
2	t	1,4-Dioxane	0.657	0.610	7.2	87	0.00	2.42
3	t	Pyridine	1.517	1.725	-13.7	101	0.00	2.75
4	t	N-Nitrosodimethylamine	0.913	0.964	-5.6	96	0.00	2.72
5	S	2-Fluorophenol	1.124	1.259	-12.0	95	0.00	4.23
6	t	Indene	2.398	2.478	-3.3	94	-0.01	6.76
7	t	Cumene	3.427	3.580	-4.5	93	0.00	4.93
8	S	Phenol-d5	1.525	1.695	-11.1	96	-0.01	5.71
9	t	Phenol	1.728	1.899	-9.9	94	0.00	5.73
10	t	Aniline	1.864	2.017	-8.2	91	0.00	5.72
11	t	bis(2-Chloroethyl)ether	1.182	1.325	-12.1	97	-0.01	5.82
12	t	Benzaldehyde	0.572	0.572	0.0	130	-0.01	5.47
13	t	2-Chlorophenol	1.360	1.434	-5.4	91	-0.01	5.91
14	t	Decane	0.953	1.024	-7.5	100	-0.01	5.99
15	t	1,3-Dichlorobenzene	1.566	1.608	-2.7	92	-0.01	6.15
16	t	1,4-Dichlorobenzene	1.626	1.679	-3.3	94	-0.01	6.25
17	t	Benzyl alcohol	0.871	0.880	-1.0	91	0.00	6.56
18	t	1,2-Dichlorobenzene	1.499	1.565	-4.4	93	-0.01	6.61
19	t	Acetophenone	2.113	2.181	-3.2	92	-0.01	7.07
20	t	2-Methylphenol	1.189	1.277	-7.4	94	-0.01	6.85
21	t	2,2'-oxybis(1-Chloropropa	0.488	0.478	2.0	92	-0.01	6.86
22	t	3&4-Methylphenol	1.284	1.367	-6.5	92	-0.02	7.15
23	t	n-Nitroso-di-n-propylamin	1.248	1.319	-5.7	94	-0.01	7.14
24	t	Hexachloroethane	0.763	0.757	0.8	90	-0.01	7.20
25	I	Naphthalene-d8	1.000	1.000	0.0	96	-0.01	8.84
26	S	Nitrobenzene-d5	0.503	0.531	-5.6	92	-0.01	7.37
27	t	Nitrobenzene	0.161	0.179	-11.2	95	0.00	7.41
28	t	Quinoline	0.701	0.728	-3.9	96	-0.01	9.67
29	t	Isophorone	0.788	0.818	-3.8	91	-0.01	7.90
30	t	2-Nitrophenol	0.197	0.197	0.0	90	-0.01	8.09
31	t	2,4-Dimethylphenol	0.435	0.443	-1.8	88	-0.01	8.25
32	t	Benzoic acid	0.293	0.312	-6.5	105	-0.02	8.57
33	t	bis(2-Chloroethoxy)methan	0.391	0.421	-7.7	96	-0.01	8.44
34	t	2,4-Dichlorophenol	0.310	0.330	-6.5	90	-0.01	8.61
35		1,3,5-Trichlorobenzene	0.410	0.421	-2.7	92	-0.01	8.09
36	t	1,2,4-Trichlorobenzene	0.394	0.392	0.5	87	-0.01	8.76
37		1,2,3-Trichlorobenzene	0.382	0.390	-2.1	94	-0.01	9.30
38	t	alpha-Terpineol	0.302	0.320	-6.0	94	-0.01	8.93
39	t	Naphthalene	1.114	1.113	0.1	92	-0.01	8.88
40	t	4-Chloroaniline	0.431	0.442	-2.6	93	0.00	9.11
41	t	2,3-Dichloroaniline	0.410	0.425	-3.7	92	-0.01	11.22

Continuing Calibration Summary

Job Number: N74646 **Sample:** EF2403-CC2402
Account: ENSRMAA ENSR Consulting & Engineering **Lab FileID:** F44524.D
Project: Former Camp Butner, NC

42	t	Caprolactam	0.107	0.112	-4.7	97	-0.02	9.83
43	t	Hexachlorobutadiene	0.349	0.335	4.0	90	-0.01	9.32
44	t	4-Chloro-3-methylphenol	0.352	0.386	-9.7	93	-0.02	10.31
45	t	2-Methylnaphthalene	0.749	0.789	-5.3	95	0.00	10.46
46	t	1-Methylnaphthalene	0.766	0.788	-2.9	96	-0.01	10.70
47	t	Dimethylnaphthalene	0.737	0.745	-1.1	90	-0.01	11.93
48	I	Acenaphthene-d10	1.000	1.000	0.0	94	-0.01	12.91
		----------	True	Calc.	% Drift	----------		
49	t	Hexachlorocyclopentadiene	100.000	93.955	6.0	85	0.00	11.00
		----------	AvgRF	CCRF	% Dev	----------		
50	t	2,4,6-Trichlorophenol	0.457	0.495	-8.3	92	-0.02	11.22
51	t	2,4,5-Trichlorophenol	0.473	0.485	-2.5	87	-0.02	11.32
52	S	2-Fluorobiphenyl	1.507	1.567	-4.0	92	-0.01	11.40
53	t	2-Chloronaphthalene	1.199	1.251	-4.3	91	-0.01	11.57
54	t	Biphenyl	1.685	1.742	-3.4	92	-0.01	11.58
		----------	True	Calc.	% Drift	----------		
55	t	2-Nitroaniline	50.000	51.816	-3.6	91	0.00	11.95
		----------	AvgRF	CCRF	% Dev	----------		
56	t	Dimethylphthalate	1.454	1.537	-5.7	91	-0.01	12.51
57	t	Acenaphthylene	1.811	1.935	-6.8	93	-0.01	12.54
58	t	2,6-Dinitrotoluene	0.300	0.333	-11.0	93	-0.01	12.63
59	t	3-Nitroaniline	0.286	0.313	-9.4	95	-0.01	12.95
60	t	Acenaphthene	1.271	1.299	-2.2	91	-0.01	12.98
		----------	True	Calc.	% Drift	----------		
61	t	2,4-Dinitrophenol	100.000	95.335	4.7	88	-0.02	13.19
62	t	4-Nitrophenol	50.000	50.974	-1.9	92	-0.02	13.50
		----------	AvgRF	CCRF	% Dev	----------		
63	t	Dibenzofuran	1.750	1.820	-4.0	92	-0.01	13.37
64	t	2,4-Dinitrotoluene	0.441	0.470	-6.6	90	0.00	13.56
65		2,3,4,6-Tetrachlorophenol	0.467	0.485	-3.9	91	-0.01	13.82
66	t	Diethylphthalate	1.659	1.721	-3.7	90	-0.01	14.20
67	t	Fluorene	1.523	1.564	-2.7	89	-0.01	14.18
68	t	4-Chlorophenyl-phenylethe	0.852	0.865	-1.5	90	-0.01	14.25
69	t	4-Nitroaniline	0.283	0.308	-8.8	92	-0.01	14.41
70	I	Phenanthrene-d10	1.000	1.000	0.0	93	-0.01	16.38
71	t	4,6-Dinitro-2-methylpheno	0.148	0.155	-4.7	88	-0.02	14.50
72	t	Atrazine	0.213	0.193	9.4	77	-0.02	15.98
73	t	n-Nitrosodiphenylamine	0.507	0.524	-3.4	91	-0.01	14.57
74	t	1,2-Diphenylhydrazine	0.861	0.941	-9.3	93	-0.01	14.61
75	S	2,4,6-Tribromophenol	0.120	0.121	-0.8	88	-0.02	14.81
76	t	4-Bromophenyl-phenylether	0.259	0.260	-0.4	88	-0.01	15.39
77	t	Hexachlorobenzene	0.277	0.268	3.2	86	-0.01	15.68
78	t	Pentachlorophenol	0.176	0.192	-9.1	89	-0.01	16.15
79	t	Phenanthrene	1.091	1.104	-1.2	90	-0.01	16.43
80	t	Anthracene	1.063	1.108	-4.2	90	-0.01	16.54
81	t	Carbazole	0.879	0.943	-7.3	92	-0.01	17.00
82	t	Di-n-butylphthalate	1.175	1.229	-4.6	88	-0.01	18.09
83	t	Fluoranthene	1.349	1.388	-2.9	89	-0.01	19.17
84	t	Octadecane	0.324	0.348	-7.4	94	-0.01	16.37
85	I	Chrysene-d12	1.000	1.000	0.0	93	-0.01	21.93
86	t	Benzidine	0.236	0.216	8.5	62	0.00	19.54

Continuing Calibration Summary

Job Number: N74646 **Sample:** EF2403-CC2402
Account: ENSRMAA ENSR Consulting & Engineering **Lab FileID:** F44524.D
Project: Former Camp Butner, NC

87	t	Pyrene	1.095	1.145	-4.6	90	-0.02	19.61
88	S	Terphenyl-d14	0.839	0.876	-4.4	90	-0.01	20.04
89	t	Butylbenzylphthalate	0.416	0.442	-6.3	84	-0.01	21.09
90		Butyl stearate	0.161	0.177	-9.9	90	0.00	21.21
91	t	Benzo[a]anthracene	1.156	1.202	-4.0	89	-0.01	21.91
92	t	3,3'-Dichlorobenzidine	0.369	0.414	-12.2	92	-0.01	21.94
93	t	Chrysene	1.113	1.168	-4.9	94	-0.01	21.98
		----------	True	Calc.	% Drift	----------		
94	t	bis(2-Ethylhexyl)phthalat	50.000	50.143	-0.3	88	0.00	22.19
		----------	AvgRF	CCRF	% Dev	----------		
95	I	Perylene-d12	1.000	1.000	0.0	94	-0.01	24.24
		----------	True	Calc.	% Drift	----------		
96	t	Di-n-octylphthalate	50.000	47.263	5.5	85	-0.01	23.18
		----------	AvgRF	CCRF	% Dev	----------		
97	t	Benzo[b]fluoranthene	1.669	1.835	-9.9	90	-0.01	23.66
98	t	Benzo[k]fluoranthene	1.901	1.949	-2.5	88	-0.01	23.71
99	t	Benzo[a]pyrene	1.502	1.626	-8.3	91	-0.01	24.15
100	t	Indeno[1,2,3-cd]pyrene	1.821	1.997	-9.7	92	-0.02	26.16
101	t	Dibenz(a,h)acridine	1.368	1.477	-8.0	90	-0.02	25.72
102	t	Dibenz[a,h]anthracene	1.541	1.734	-12.5	95	-0.02	26.19
		----------	True	Calc.	% Drift	----------		
103	t	7,12-Dimethylbenz(a)anthr	50.000	47.181	5.6	87	-0.01	23.70
		----------	AvgRF	CCRF	% Dev	----------		
104	t	3-Methylcholanthrene		----------NA----------				
105	t	Benzo[g,h,i]perylene	1.493	1.628	-9.0	93	-0.02	26.70
106		Naphthalene-d8A	1.000	1.000	0.0	96	-0.01	8.84
107		Methyl Salicylate		----------NA----------				
108		Salicylic Acid		----------NA----------				
109		Acenaphthene-d10A	1.000	1.000	0.0	94	-0.01	12.91
110		Diphenyl Ether		----------NA----------				

Average % D = 5.3

(0.0 %) 0 of 100 compounds'%D > 20

(#) = Out of Range SPCC's out = 0 CCC's out = 0
F44505.D MF2402.M Tue Aug 17 14:52:29 2004 MSF

Continuing Calibration Summary

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC

Sample: EF2403-CC2402
Lab FileID: F44525.D

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\EF2403\F44525.D Vial: 3
Acq On : 17 Aug 2004 2:56 pm Operator: NINAP
Sample : CC2402-50 Inst : MSF
Misc : OP17679,EF2403 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 11:21:25 2004
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
106	1,4-Dichlorobenzene-d4A	1.000	1.000	0.0	89	0.00	6.22
107	Benzaldehyde	0.945	1.019	-7.8	91	0.00	5.47
108	Acenaphthene-d10A	1.000	1.000	0.0	84	-0.01	12.91
109	1,2,4,5-tetrachlorobenzen	0.758	0.764	-0.8	85	-0.01	10.94

Average % D = 2.2

(0.0 %) 0 of 4 compounds'%D > 20

(#) = Out of Range SPCC's out = 0 CCC's out = 0
F44505.D MF2402.M Tue Aug 17 15:37:37 2004 MSF

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2403\F44524.D
Acq On : 17 Aug 2004 2:20 pm
Sample : CC2402-50
Misc : OP17679,EF2403
MS Integration Params: LSCINT.P
Quant Time: Aug 17 14:47:45 2004

Vial: 2
Operator: NINAP
Inst : MSF
Multiplr: 1.00

Quant Results File: MF2402.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 09:56:38 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.22	152	48267	40.00 ppb	-0.01
25) Naphthalene-d8	8.84	136	183991	40.00 ppb	-0.01
48) Acenaphthene-d10	12.91	164	114072	40.00 ppb	-0.01
70) Phenanthrene-d10	16.38	188	243931	40.00 ppb	-0.01
85) Chrysene-d12	21.93	240	311172	40.00 ppb	-0.01
95) Perylene-d12	24.24	264	205915	40.00 ppb	-0.01
106) Naphthalene-d8A	8.84	136	183991	40.00 ppb	-0.01
109) Acenaphthene-d10A	12.91	164	114072	40.00 ppb	-0.01
System Monitoring Compounds					
5) 2-Fluorophenol	4.23	112	75981	56.00 ppb	0.00
Spiked Amount 50.000			Recovery = 112.00%		
8) Phenol-d5	5.71	99	102271	55.57 ppb	-0.01
Spiked Amount 50.000			Recovery = 111.14%		
26) Nitrobenzene-d5	7.37	82	122183	52.85 ppb	-0.01
Spiked Amount 50.000			Recovery = 105.70%		
52) 2-Fluorobiphenyl	11.40	172	223385	51.97 ppb	-0.01
Spiked Amount 50.000			Recovery = 103.94%		
75) 2,4,6-Tribromophenol	14.81	330	36940	50.44 ppb	-0.02
Spiked Amount 50.000			Recovery = 100.88%		
88) Terphenyl-d14	20.04	244	340884	52.21 ppb	-0.01
Spiked Amount 50.000			Recovery = 104.42%		

Target Compounds					Qvalue
2) 1,4-Dioxane	2.42	88	36806	46.44 ppb	94
3) Pyridine	2.75	79	104091	56.87 ppb	97
4) N-Nitrosodimethylamine	2.72	42	58163	52.79 ppb	94
6) Indene	6.76	116	149478	51.66 ppb	98
7) Cumene	4.93	105	216010	52.24 ppb	98
9) Phenol	5.73	94	114588	54.96 ppb	91
10) Aniline	5.72	93	121665	54.08 ppb	80
11) bis(2-Chloroethyl)ether	5.82	93	79918	56.02 ppb	98
12) Benzaldehyde	5.47	105	34521	50.00 ppb	91
13) 2-Chlorophenol	5.91	128	86513	52.72 ppb	98
14) Decane	5.99	43	61776	53.75 ppb	92
15) 1,3-Dichlorobenzene	6.15	146	96994	51.33 ppb	95
16) 1,4-Dichlorobenzene	6.25	146	101314	51.64 ppb	96
17) Benzyl alcohol	6.56	108	53115	50.53 ppb	93
18) 1,2-Dichlorobenzene	6.61	146	94417	52.19 ppb	99
19) Acetophenone	7.07	105	131614	51.62 ppb	98
20) 2-Methylphenol	6.85	108	77067	53.71 ppb	96
21) 2,2'-oxybis(1-Chloropropan	6.86	121	28829	48.92 ppb	90
22) 3&4-Methylphenol	7.15	108	82467	53.24 ppb	88
23) n-Nitroso-di-n-propylamine	7.14	70	79601	52.86 ppb	97
24) Hexachloroethane	7.20	201	45661	49.60 ppb	96
27) Nitrobenzene	7.41	123	41063	55.55 ppb	89
28) Quinoline	9.67	129	167545	51.99 ppb	97
29) Isophorone	7.90	82	188127	51.91 ppb	97
30) 2-Nitrophenol	8.09	139	45281	49.99 ppb	94
31) 2,4-Dimethylphenol	8.25	107	101851	50.85 ppb	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2403\F44524.D
Acq On : 17 Aug 2004 2:20 pm
Sample : CC2402-50
Misc : OP17679,EF2403
MS Integration Params: LSCINT.P
Quant Time: Aug 17 14:47:45 2004

Vial: 2
Operator: NINAP
Inst : MSF
Multiplr: 1.00

Quant Results File: MF2402.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 09:56:38 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
32) Benzoic acid	8.57	105	71666	53.09 ppb	97
33) bis(2-Chloroethoxy)methane	8.44	93	96763	53.78 ppb	96
34) 2,4-Dichlorophenol	8.61	162	75933	53.17 ppb	94
35) 1,3,5-Trichlorobenzene	8.09	180	96731	51.24 ppb	100
36) 1,2,4-Trichlorobenzene	8.76	180	90064	49.73 ppb	99
37) 1,2,3-Trichlorobenzene	9.30	180	89663	51.06 ppb	100
38) alpha-Terpineol	8.93	59	73642	53.03 ppb	94
39) Naphthalene	8.88	128	256031	49.96 ppb	99
40) 4-Chloroaniline	9.11	127	101757	51.33 ppb	98
41) 2,3-Dichloroaniline	11.22	161	97681	51.78 ppb	99
42) Caprolactam	9.83	55	25777	52.40 ppb	92
43) Hexachlorobutadiene	9.32	225	77121	48.08 ppb	97
44) 4-Chloro-3-methylphenol	10.31	107	88706	54.71 ppb	92
45) 2-Methylnaphthalene	10.46	142	181367	52.61 ppb	97
46) 1-Methylnaphthalene	10.70	142	181142	51.44 ppb	98
47) Dimethylnaphthalene	11.93	156	171381	50.55 ppb	93
49) Hexachlorocyclopentadiene	11.00	237	160777	93.95 ppb	95
50) 2,4,6-Trichlorophenol	11.22	196	70607	54.22 ppb	94
51) 2,4,5-Trichlorophenol	11.32	196	69190m	51.26 ppb	
53) 2-Chloronaphthalene	11.57	162	178451	52.19 ppb	97
54) Biphenyl	11.58	154	248351	51.69 ppb	94
55) 2-Nitroaniline	11.95	65	70477	51.82 ppb	95
56) Dimethylphthalate	12.51	163	219151	52.86 ppb	97
57) Acenaphthylene	12.54	152	275905	53.43 ppb	95
58) 2,6-Dinitrotoluene	12.63	165	47539	55.52 ppb	98
59) 3-Nitroaniline	12.95	138	44579	54.75 ppb	93
60) Acenaphthene	12.98	153	185195	51.08 ppb	98
61) 2,4-Dinitrophenol	13.19	184	63898	95.34 ppb	97
62) 4-Nitrophenol	13.50	109	53960	50.97 ppb	98
63) Dibenzofuran	13.37	168	259458	51.99 ppb	97
64) 2,4-Dinitrotoluene	13.56	165	67036	53.25 ppb	98
65) 2,3,4,6-Tetrachlorophenol	13.82	232	69198	51.93 ppb	98
66) Diethylphthalate	14.20	149	245336	51.86 ppb	98
67) Fluorene	14.18	166	223041	51.36 ppb	99
68) 4-Chlorophenyl-phenylether	14.25	204	123301	50.77 ppb	98
69) 4-Nitroaniline	14.41	138	43853	54.41 ppb	95
71) 4,6-Dinitro-2-methylphenol	14.50	198	47114	52.15 ppb	92
72) Atrazine	15.98	200	58993	45.38 ppb	90
73) n-Nitrosodiphenylamine	14.57	169	159786	51.70 ppb	96
74) 1,2-Diphenylhydrazine	14.61	77	573772	109.27 ppb	99
76) 4-Bromophenyl-phenylether	15.39	248	79256	50.22 ppb	97
77) Hexachlorobenzene	15.68	284	81582	48.29 ppb	97
78) Pentachlorophenol	16.15	266	117365	109.19 ppb	93
79) Phenanthrene	16.43	178	336719	50.59 ppb	99
80) Anthracene	16.54	178	337937	52.12 ppb	100
81) Carbazole	17.00	167	287493	53.61 ppb	99
82) Di-n-butylphthalate	18.09	149	374699	52.30 ppb	99
83) Fluoranthene	19.17	202	423194	51.45 ppb	99
84) Octadecane	16.37	57	106147	53.74 ppb	98

(#) = qualifier out of range (m) = manual integration

530

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2403\F44524.D
Acq On : 17 Aug 2004 2:20 pm
Sample : CC2402-50
Misc : OP17679,EF2403
MS Integration Params: LSCINT.P
Quant Time: Aug 17 14:47:45 2004

Vial: 2
Operator: NINAP
Inst : MSF
Multiplr: 1.00
Quant Results File: MF2402.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 09:56:38 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
86)	Benzidine	19.54	184	168088	91.47 ppb	96
87)	Pyrene	19.61	202	445196	52.28 ppb	97
89)	Butylbenzylphthalate	21.09	149	171825	53.13 ppb	93
90)	Butyl stearate	21.21	56	68923	55.13 ppb	98
91)	Benzo[a]anthracene	21.91	228	467437	51.98 ppb	99
92)	3,3'-Dichlorobenzidine	21.94	252	161014	56.09 ppb	97
93)	Chrysene	21.98	228	454329	52.49 ppb	98
94)	bis(2-Ethylhexyl)phthalate	22.19	149	245053	50.14 ppb	99
96)	Di-n-octylphthalate	23.18	149	364854	47.26 ppb	99
97)	Benzo[b]fluoranthene	23.66	252	472440	54.99 ppb	99
98)	Benzo[k]fluoranthene	23.71	252	501751	51.28 ppb	99
99)	Benzo[a]pyrene	24.15	252	418409	54.11 ppb	100
100)	Indeno[1,2,3-cd]pyrene	26.16	276	514029	54.85 ppb	96
101)	Dibenz(a,h)acridine	25.72	279	380272	53.99 ppb	100
102)	Dibenz[a,h]anthracene	26.19	278	446201	56.24 ppb	98
103)	7,12-Dimethylbenz(a)anthra	23.70	256	224242	47.18 ppb	99
105)	Benzo[g,h,i]perylene	26.70	276	419030	54.51 ppb	96

8/17/04

(#) = qualifier out of range (m) = manual integration

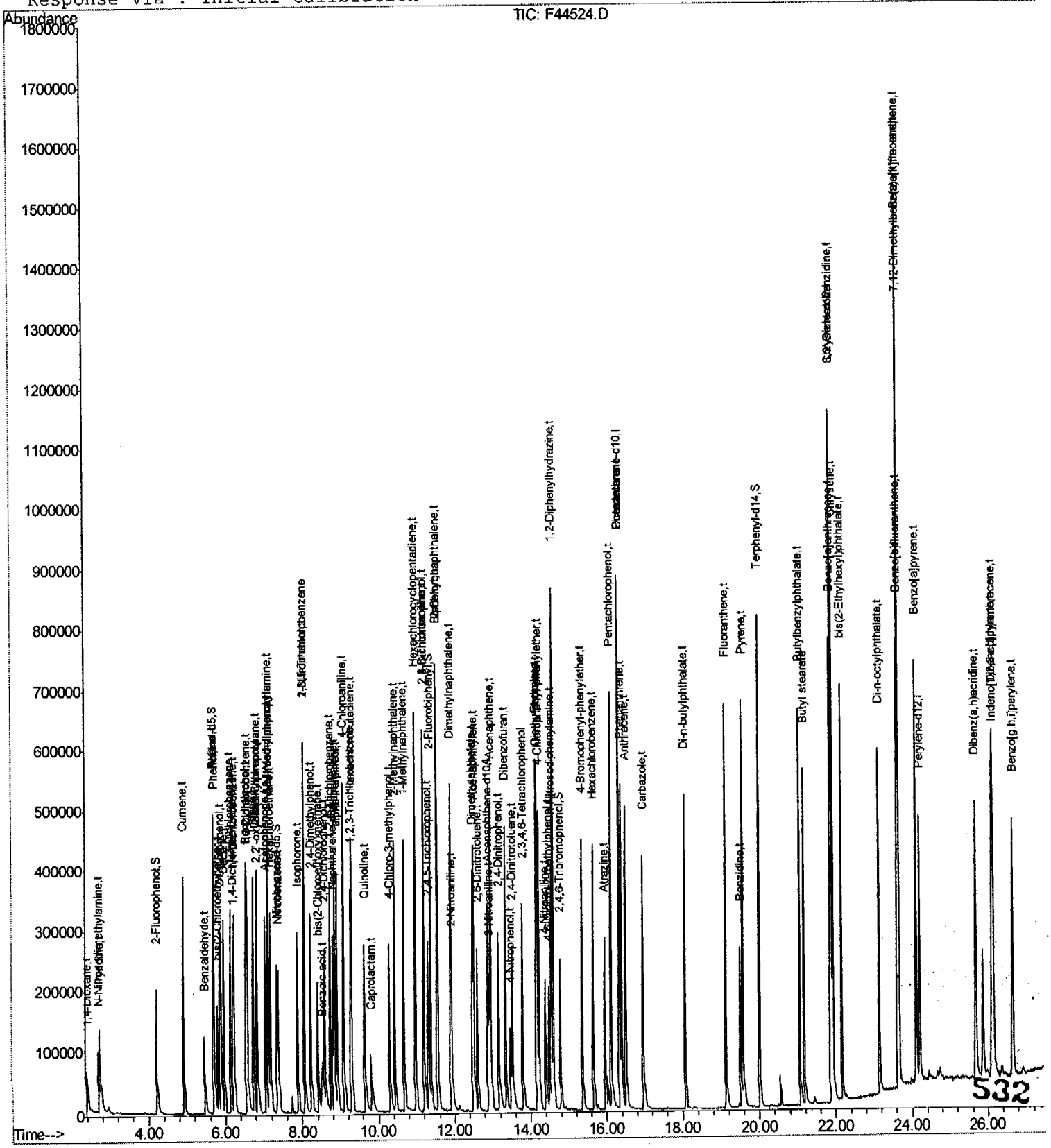
Quantitation Report (Qr Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2403\F44524.D
Acq On : 17 Aug 2004 2:20 pm
Sample : CC2402-50
Misc : OP17679,EF2403
MS Integration Params: LSCINT.P
Quant Time: Aug 17 14:51 2004

Vial: 2
Operator: NINAP
Inst : MSF
Multiplr: 1.00

Quant Results File: MF2402.RES

Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 09:56:38 2004
Response via : Initial Calibration



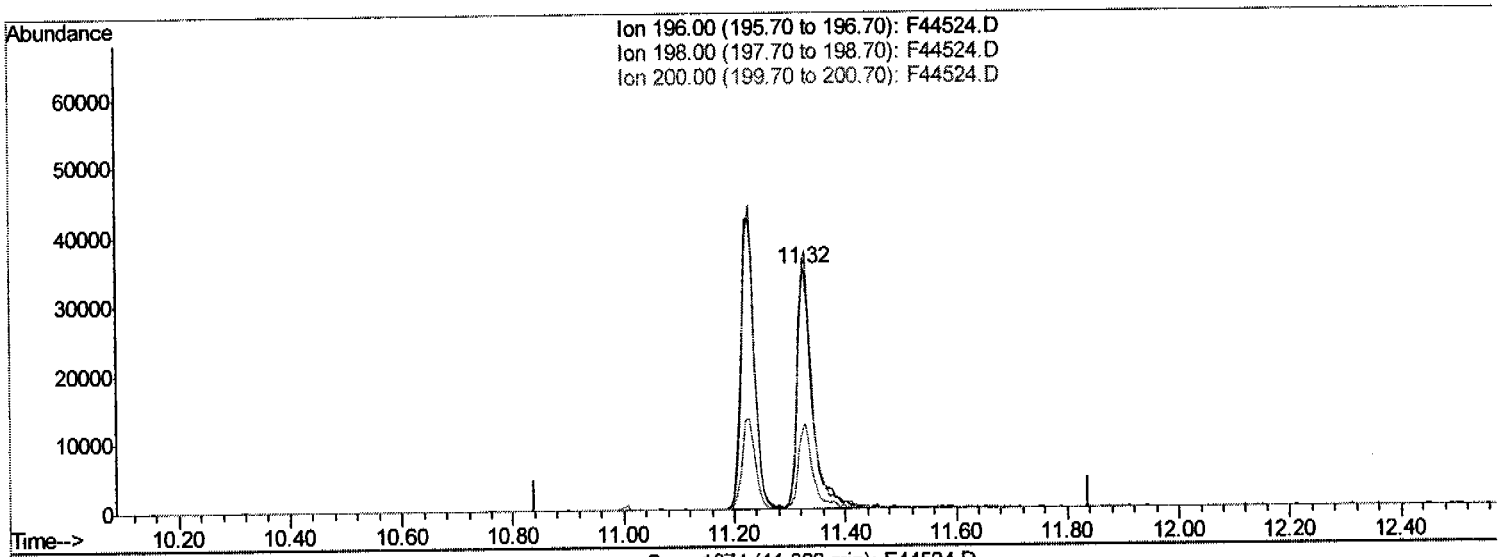
Quantitation Report (Qedit)

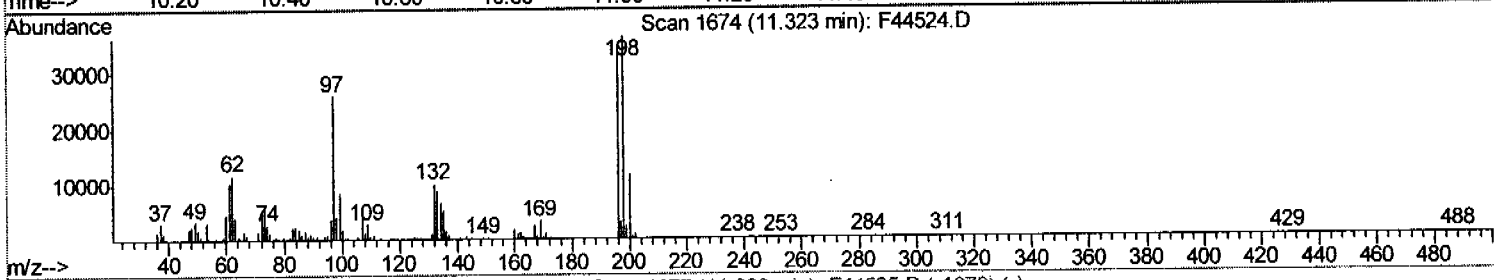
Data File : C:\MSDCHEM\1\DATA\EF2403\F44524.D
Acq On : 17 Aug 2004 2:20 pm
Sample : CC2402-50
Misc : OP17679,EF2403
MS Integration Params: LSCINT.P
Quant Time: Aug 17 14:50 2004

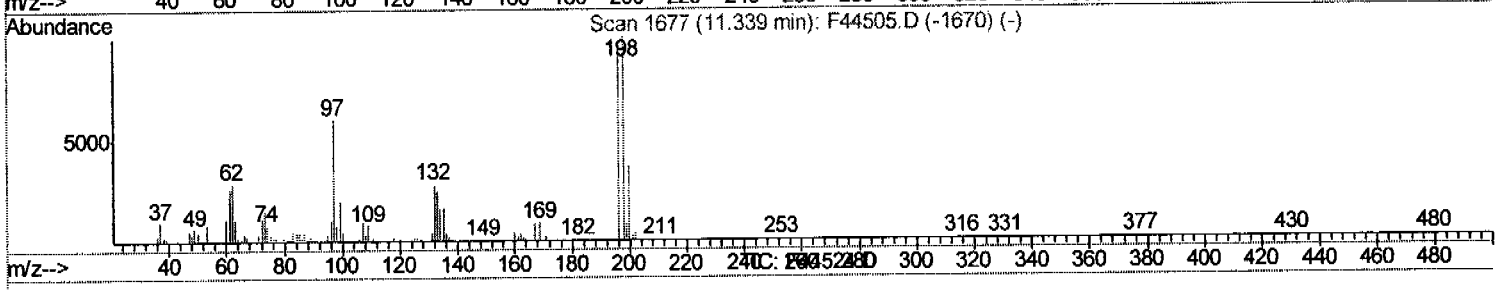
Vial: 2
Operator: NINAP
Inst : MSF
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 09:56:38 2004
Response via : Multiple Level Calibration







(51) 2,4,5-Trichlorophenol (t)

11.32min 51.26ppb m

response 69190

Ion	Exp%	Act%
196.00	100	100
198.00	103.90	103.99
200.00	36.90	33.18
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2403\F44525.D
Acq On : 17 Aug 2004 2:56 pm
Sample : CC2403-50
Misc : OP17679,EF2403
MS Integration Params: LSCINT.P
Quant Time: Aug 17 15:26:56 2004

Vial: 3
Operator: NINAP
Inst : MSF
Multiplr: 1.00

Quant Results File: MF2402.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 11:21:25 2004
Response via : Initial Calibration
DataAcq Meth : MF2403

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.22	152	46334	40.00 ppb	-0.01
25) Naphthalene-d8	8.84	136	171211	40.00 ppb	-0.01
48) Acenaphthene-d10	12.91	164	107652	40.00 ppb	-0.01
70) Phenanthrene-d10	16.37	188	210822	40.00 ppb	-0.02
85) Chrysene-d12	21.93	240	269006	40.00 ppb	-0.02
95) Perylene-d12	24.24	264	184959	40.00 ppb	-0.01
106) 1,4-Dichlorobenzene-d4A	6.22	152	46334	40.00 ppb	0.00
108) Acenaphthene-d10A	12.91	164	107652	40.00 ppb	-0.01

System Monitoring Compounds					
5) 2-Fluorophenol	0.00	112	0	0.00 ppb	
Spiked Amount 50.000			Recovery	=	0.00%
8) Phenol-d5	0.00	99	0	0.00 ppb	
Spiked Amount 50.000			Recovery	=	0.00%
26) Nitrobenzene-d5	0.00	82	0	0.00 ppb	
Spiked Amount 50.000			Recovery	=	0.00%
52) 2-Fluorobiphenyl	0.00	172	0	0.00 ppb	
Spiked Amount 50.000			Recovery	=	0.00%
75) 2,4,6-Tribromophenol	0.00	330	0	0.00 ppb	
Spiked Amount 50.000			Recovery	=	0.00%
88) Terphenyl-d14	0.00	244	0	0.00 ppb	
Spiked Amount 50.000			Recovery	=	0.00%

Target Compounds					Qvalue
107) Benzaldehyde	5.47	105	59000	53.92 ng	94
109) 1,2,4,5-tetrachlorobenzene	10.94	216	102823	50.43 ng	99

08/17/04

(#) = qualifier out of range (m) = manual integration

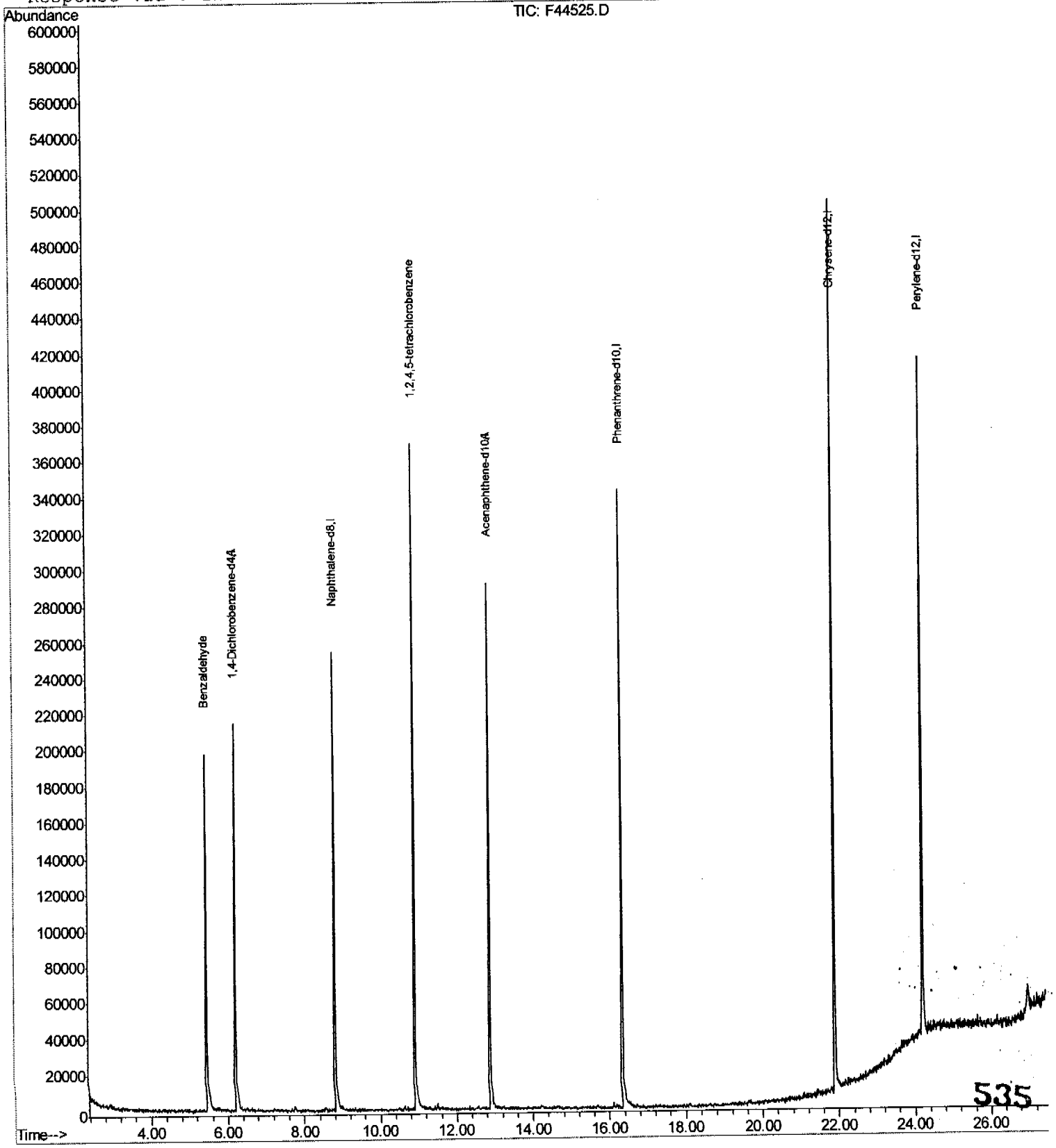
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2403\F44525.D
Acq On : 17 Aug 2004 2:56 pm
Sample : CC2403-50
Misc : OP17679,EF2403
MS Integration Params: LSCINT.P
Quant Time: Aug 17 15:27 2004

Vial: 3
Operator: NINAP
Inst : MSF
Multiplr: 1.00

Quant Results File: MF2402.RES

Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 11:21:25 2004
Response via : Initial Calibration



Continuing Calibration Summary

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC
Sample: EF2404-CC2402
Lab FileID: F44551.D

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\EF2404D\F44551.D Vial: 2
Acq On : 18 Aug 2004 9:10 am Operator: NINAP
Sample : CC2402-25 Inst : MSF
Misc : OP17679,EF2404 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Wed Aug 18 09:25:32 2004
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	78	-0.01	6.22
2	t	1,4-Dioxane	0.657	0.635	3.3	80	0.00	2.42
3	t	Pyridine	1.517	1.598	-5.3	79	0.01	2.76
4	t	N-Nitrosodimethylamine	0.913	0.884	3.2	77	0.00	2.72
5	S	2-Fluorophenol	1.124	1.199	-6.7	79	0.00	4.23
6	t	Indene	2.398	2.320	3.3	76	-0.01	6.76
7	t	Cumene	3.427	3.340	2.5	76	0.00	4.93
8	S	Phenol-d5	1.525	1.510	1.0	77	-0.01	5.71
9	t	Phenol	1.728	1.791	-3.6	79	0.00	5.73
10	t	Aniline	1.864	1.795	3.7	76	0.00	5.72
11	t	bis(2-Chloroethyl)ether	1.182	1.177	0.4	76	-0.01	5.82
12	t	Benzaldehyde	0.572	0.564	1.4	74	0.00	5.48
13	t	2-Chlorophenol	1.360	1.349	0.8	76	0.00	5.91
14	t	Decane	0.953	0.917	3.8	76	-0.01	5.99
15	t	1,3-Dichlorobenzene	1.566	1.548	1.1	78	-0.01	6.15
16	t	1,4-Dichlorobenzene	1.626	1.594	2.0	76	-0.01	6.25
17	t	Benzyl alcohol	0.871	0.813	6.7	72	0.00	6.57
18	t	1,2-Dichlorobenzene	1.499	1.527	-1.9	79	-0.01	6.61
19	t	Acetophenone	2.113	2.058	2.6	74	-0.01	7.07
20	t	2-Methylphenol	1.189	1.165	2.0	77	-0.01	6.85
21	t	2,2'-oxybis(1-Chloropropa	0.488	0.456	6.6	76	-0.02	6.86
22	t	3&4-Methylphenol	1.284	1.218	5.1	76	-0.02	7.15
23	t	n-Nitroso-di-n-propylamin	1.248	1.169	6.3	70	-0.02	7.13
24	t	Hexachloroethane	0.763	0.744	2.5	74	-0.01	7.20
25	I	Naphthalene-d8	1.000	1.000	0.0	76	-0.01	8.84
26	S	Nitrobenzene-d5	0.503	0.508	-1.0	76	-0.01	7.37
27	t	Nitrobenzene	0.161	0.167	-3.7	75	-0.01	7.41
28	t	Quinoline	0.701	0.679	3.1	74	-0.02	9.66
29	t	Isophorone	0.788	0.767	2.7	73	-0.01	7.90
30	t	2-Nitrophenol	0.197	0.194	1.5	78	-0.01	8.09
31	t	2,4-Dimethylphenol	0.435	0.433	0.5	81	-0.01	8.25
32	t	Benzoic acid	0.293	0.258	11.9	71	-0.07	8.51
33	t	bis(2-Chloroethoxy)methan	0.391	0.396	-1.3	76	-0.01	8.44
34	t	2,4-Dichlorophenol	0.310	0.329	-6.1	80	0.00	8.62
35		1,3,5-Trichlorobenzene	0.410	0.404	1.5	78	-0.01	8.09
36	t	1,2,4-Trichlorobenzene	0.394	0.388	1.5	77	-0.01	8.76
37		1,2,3-Trichlorobenzene	0.382	0.375	1.8	77	-0.02	9.29
38	t	alpha-Terpineol	0.302	0.292	3.3	72	-0.01	8.93
39	t	Naphthalene	1.114	1.097	1.5	76	-0.01	8.88
40	t	4-Chloroaniline	0.431	0.403	6.5	74	0.00	9.11
41	t	2,3-Dichloroaniline	0.410	0.404	1.5	76	-0.01	11.22

Continuing Calibration Summary

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC
Sample: EF2404-CC2402
Lab FileID: F44551.D

42	t	Caprolactam	0.107	0.105	1.9	71	-0.03	9.82
43	t	Hexachlorobutadiene	0.349	0.335	4.0	75	-0.01	9.32
44	t	4-Chloro-3-methylphenol	0.352	0.366	-4.0	79	-0.02	10.31
45	t	2-Methylnaphthalene	0.749	0.750	-0.1	76	0.00	10.46
46	t	1-Methylnaphthalene	0.766	0.709	7.4	71	-0.02	10.69
47	t	Dimethylnaphthalene	0.737	0.733	0.5	76	-0.01	11.93
48	I	Acenaphthene-d10	1.000	1.000	0.0	74	-0.01	12.91
		----------	True	Calc.	% Drift	----------		
49	t	Hexachlorocyclopentadiene	50.000	42.406	15.2	70	0.00	11.00
		----------	AvgRF	CCRF	% Dev	----------		
50	t	2,4,6-Trichlorophenol	0.457	0.441	3.5	75	-0.01	11.23
51	t	2,4,5-Trichlorophenol	0.473	0.471	0.4	75	-0.01	11.33
52	S	2-Fluorobiphenyl	1.507	1.488	1.3	73	-0.01	11.40
53	t	2-Chloronaphthalene	1.199	1.178	1.8	74	-0.01	11.57
54	t	Biphenyl	1.685	1.676	0.5	76	-0.01	11.58
		----------	True	Calc.	% Drift	----------		
55	t	2-Nitroaniline	25.000	23.518	5.9	71	0.00	11.96
		----------	AvgRF	CCRF	% Dev	----------		
56	t	Dimethylphthalate	1.454	1.471	-1.2	75	-0.02	12.50
57	t	Acenaphthylene	1.811	1.808	0.2	72	-0.01	12.54
58	t	2,6-Dinitrotoluene	0.300	0.308	-2.7	73	-0.01	12.63
59	t	3-Nitroaniline	0.286	0.278	2.8	74	-0.01	12.95
60	t	Acenaphthene	1.271	1.281	-0.8	78	-0.02	12.98
		----------	True	Calc.	% Drift	----------		
61	t	2,4-Dinitrophenol	50.000	44.438	11.1	70	-0.01	13.19
62	t	4-Nitrophenol	25.000	21.358	14.6	66	0.00	13.51
		----------	AvgRF	CCRF	% Dev	----------		
63	t	Dibenzofuran	1.750	1.732	1.0	76	-0.01	13.37
64	t	2,4-Dinitrotoluene	0.441	0.437	0.9	72	0.00	13.56
65		2,3,4,6-Tetrachlorophenol	0.467	0.447	4.3	71	-0.01	13.82
66	t	Diethylphthalate	1.659	1.567	5.5	70	-0.02	14.20
67	t	Fluorene	1.523	1.485	2.5	74	-0.02	14.18
68	t	4-Chlorophenyl-phenylethe	0.852	0.831	2.5	75	-0.02	14.24
69	t	4-Nitroaniline	0.283	0.266	6.0	77	-0.02	14.41
70	I	Phenanthrene-d10	1.000	1.000	0.0	69	-0.02	16.37
71	t	4,6-Dinitro-2-methylpheno	0.148	0.144	2.7	68	-0.01	14.51
72	t	Atrazine	0.213	0.194	8.9	63	-0.02	15.98
73	t	n-Nitrosodiphenylamine	0.507	0.551	-8.7	75	-0.02	14.56
74	t	1,2-Diphenylhydrazine	0.861	0.928	-7.8	72	-0.02	14.61
75	S	2,4,6-Tribromophenol	0.120	0.137	-14.2	76	-0.02	14.80
76	t	4-Bromophenyl-phenylether	0.259	0.275	-6.2	71	-0.01	15.39
77	t	Hexachlorobenzene	0.277	0.286	-3.2	73	-0.01	15.68
78	t	Pentachlorophenol	0.176	0.177	-0.6	70	-0.02	16.14
79	t	Phenanthrene	1.091	1.170	-7.2	75	-0.02	16.42
80	t	Anthracene	1.063	1.121	-5.5	71	-0.02	16.53
81	t	Carbazole	0.879	0.934	-6.3	72	-0.02	16.99
82	t	Di-n-butylphthalate	1.175	1.219	-3.7	69	-0.01	18.09
83	t	Fluoranthene	1.349	1.408	-4.4	71	-0.01	19.17
84	t	Octadecane	0.324	0.348	-7.4	70	-0.02	16.37
85	I	Chrysene-d12	1.000	1.000	0.0	68	-0.02	21.93
86	t	Benzidine	0.236	0.176	25.4#	63	0.00	19.54

Continuing Calibration Summary

Job Number: N74646 **Sample:** EF2404-CC2402
Account: ENSRMAA ENSR Consulting & Engineering **Lab FileID:** F44551.D
Project: Former Camp Butner, NC

87	t	Pyrene	1.095	1.164	-6.3	71	-0.02	19.61
88	S	Terphenyl-d14	0.839	0.898	-7.0	70	-0.02	20.04
89	t	Butylbenzylphthalate	0.416	0.431	-3.6	68	-0.01	21.09
90		Butyl stearate	0.161	0.163	-1.2	69	-0.01	21.20
91	t	Benzo[a]anthracene	1.156	1.183	-2.3	71	-0.02	21.90
92	t	3,3'-Dichlorobenzidine	0.369	0.391	-6.0	70	-0.01	21.94
93	t	Chrysene	1.113	1.170	-5.1	72	-0.02	21.97
		----------	True	Calc.	% Drift	----------		
94	t	bis(2-Ethylhexyl)phthalat	25.000	23.471	6.1	66	0.00	22.19
		----------	AvgRF	CCRF	% Dev	----------		
95	I	Perylene-d12	1.000	1.000	0.0	69	-0.01	24.24
		----------	True	Calc.	% Drift	----------		
96	t	Di-n-octylphthalate	25.000	21.632	13.5	65	-0.01	23.18
		----------	AvgRF	CCRF	% Dev	----------		
97	t	Benzo[b]fluoranthene	1.669	1.720	-3.1	73	-0.01	23.66
98	t	Benzo[k]fluoranthene	1.901	1.866	1.8	70	-0.02	23.70
99	t	Benzo[a]pyrene	1.502	1.563	-4.1	72	-0.01	24.15
100	t	Indeno[1,2,3-cd]pyrene	1.821	1.884	-3.5	71	-0.03	26.15
101	t	Dibenz(a,h)acridine	1.368	1.438	-5.1	70	-0.03	25.71
102	t	Dibenz[a,h]anthracene	1.541	1.626	-5.5	72	-0.03	26.18
		----------	True	Calc.	% Drift	----------		
103	t	7,12-Dimethylbenz(a)anthr	25.000	21.960	12.2	68	-0.02	23.68
		----------	AvgRF	CCRF	% Dev	----------		
104	t	3-Methylcholanthrene		----------NA----------				
105	t	Benzo[g,h,i]perylene	1.493	1.590	-6.5	73	-0.03	26.69
106		1,4-Dichlorobenzene-d4A	1.000	1.000	0.0	116	0.00	6.22
107		Benzaldehyde		----------NA----------				
108		Acenaphthene-d10A	1.000	1.000	0.0	114	-0.01	12.91
109		1,2,4,5-Tetrachlorobenzen		----------NA----------				

Average % D = 4.3

(1.0 %) 1 of 100 compounds'%D > 20

(#) = Out of Range SPCC's out = 0 CCC's out = 0
F44508.D MF2402.M Wed Aug 25 12:33:13 2004 MSF

Continuing Calibration Summary

Job Number: N74646
Account: ENSRMAA ENSR Consulting & Engineering
Project: Former Camp Butner, NC
Sample: EF2404-CC2402
Lab FileID: F44552.D

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\EF2404D\F44552.D Vial: 3
Acq On : 18 Aug 2004 9:46 am Operator: NINAP
Sample : CC2402-50 Inst : MSF
Misc : OP17679,EF2404 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Wed Aug 18 09:25:32 2004
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	73	-0.01	6.22
2	t	1,4-Dioxane		----------NA----------				
3	t	Pyridine		----------NA----------				
4	t	N-Nitrosodimethylamine		----------NA----------				
5	S	2-Fluorophenol		----------NA----------				
6	t	Indene		----------NA----------				
7	t	Cumene		----------NA----------				
8	S	Phenol-d5		----------NA----------				
9	t	Phenol		----------NA----------				
10	t	Aniline		----------NA----------				
11	t	bis(2-Chloroethyl)ether		----------NA----------				
12	t	Benzaldehyde		----------NA----------				
13	t	2-Chlorophenol		----------NA----------				
14	t	Decane		----------NA----------				
15	t	1,3-Dichlorobenzene		----------NA----------				
16	t	1,4-Dichlorobenzene		----------NA----------				
17	t	Benzyl alcohol		----------NA----------				
18	t	1,2-Dichlorobenzene		----------NA----------				
19	t	Acetophenone		----------NA----------				
20	t	2-Methylphenol		----------NA----------				
21	t	2,2'-oxybis(1-Chloropropa		----------NA----------				
22	t	3&4-Methylphenol		----------NA----------				
23	t	n-Nitroso-di-n-propylamin		----------NA----------				
24	t	Hexachloroethane		----------NA----------				
25	I	Naphthalene-d8	1.000	1.000	0.0	77	-0.02	8.83
26	S	Nitrobenzene-d5		----------NA----------				
27	t	Nitrobenzene		----------NA----------				
28	t	Quinoline		----------NA----------				
29	t	Isophorone		----------NA----------				
30	t	2-Nitrophenol		----------NA----------				
31	t	2,4-Dimethylphenol		----------NA----------				
32	t	Benzoic acid		----------NA----------				
33	t	bis(2-Chloroethoxy)methan		----------NA----------				
34	t	2,4-Dichlorophenol		----------NA----------				
35		1,3,5-Trichlorobenzene		----------NA----------				
36	t	1,2,4-Trichlorobenzene		----------NA----------				
37		1,2,3-Trichlorobenzene		----------NA----------				
38	t	alpha-Terpineol		----------NA----------				
39	t	Naphthalene		----------NA----------				
40	t	4-Chloroaniline		----------NA----------				
41	t	2,3-Dichloroaniline		----------NA----------				

Continuing Calibration Summary

Job Number: N74646 **Sample:** EF2404-CC2402
Account: ENSRMAA ENSR Consulting & Engineering **Lab FileID:** F44552.D
Project: Former Camp Butner, NC

42	t	Caprolactam		----------NA----------				
43	t	Hexachlorobutadiene		----------NA----------				
44	t	4-Chloro-3-methylphenol		----------NA----------				
45	t	2-Methylnaphthalene		----------NA----------				
46	t	1-Methylnaphthalene		----------NA----------				
47	t	Dimethylnaphthalene		----------NA----------				
48	I	Acenaphthene-d10	1.000	1.000	0.0	74	-0.01	12.91
		----------	True	Calc.	% Drift		----------	
49	t	Hexachlorocyclopentadiene		----------NA----------				
		----------	AvgRF	CCRF	% Dev		----------	
50	t	2,4,6-Trichlorophenol		----------NA----------				
51	t	2,4,5-Trichlorophenol		----------NA----------				
52	S	2-Fluorobiphenyl		----------NA----------				
53	t	2-Chloronaphthalene		----------NA----------				
54	t	Biphenyl		----------NA----------				
		----------	True	Calc.	% Drift		----------	
55	t	2-Nitroaniline		----------NA----------				
		----------	AvgRF	CCRF	% Dev		----------	
56	t	Dimethylphthalate		----------NA----------				
57	t	Acenaphthylene		----------NA----------				
58	t	2,6-Dinitrotoluene		----------NA----------				
59	t	3-Nitroaniline		----------NA----------				
60	t	Acenaphthene		----------NA----------				
		----------	True	Calc.	% Drift		----------	
61	t	2,4-Dinitrophenol		----------NA----------				
62	t	4-Nitrophenol		----------NA----------				
		----------	AvgRF	CCRF	% Dev		----------	
63	t	Dibenzofuran		----------NA----------				
64	t	2,4-Dinitrotoluene		----------NA----------				
65		2,3,4,6-Tetrachlorophenol		----------NA----------				
66	t	Diethylphthalate		----------NA----------				
67	t	Fluorene		----------NA----------				
68	t	4-Chlorophenyl-phenylethe		----------NA----------				
69	t	4-Nitroaniline		----------NA----------				
70	I	Phenanthrene-d10	1.000	1.000	0.0	68	-0.02	16.37
71	t	4,6-Dinitro-2-methylpheno		----------NA----------				
72	t	Atrazine		----------NA----------				
73	t	n-Nitrosodiphenylamine		----------NA----------				
74	t	1,2-Diphenylhydrazine		----------NA----------				
75	S	2,4,6-Tribromophenol		----------NA----------				
76	t	4-Bromophenyl-phenylether		----------NA----------				
77	t	Hexachlorobenzene		----------NA----------				
78	t	Pentachlorophenol		----------NA----------				
79	t	Phenanthrene		----------NA----------				
80	t	Anthracene		----------NA----------				
81	t	Carbazole		----------NA----------				
82	t	Di-n-butylphthalate		----------NA----------				
83	t	Fluoranthene		----------NA----------				
84	t	Octadecane		----------NA----------				
85	I	Chrysene-d12	1.000	1.000	0.0	69	-0.02	21.93
86	t	Benzidine		----------NA----------				

Continuing Calibration Summary

Job Number: N74646 **Sample:** EF2404-CC2402
Account: ENSRMAA ENSR Consulting & Engineering **Lab FileID:** F44552.D
Project: Former Camp Butner, NC

87	t	Pyrene		----------NA----------				
88	S	Terphenyl-d14		----------NA----------				
89	t	Butylbenzylphthalate		----------NA----------				
90		Butyl stearate		----------NA----------				
91	t	Benzo[a]anthracene		----------NA----------				
92	t	3,3'-Dichlorobenzidine		----------NA----------				
93	t	Chrysene		----------NA----------				
		----------	True	Calc.	% Drift	----------		
94	t	bis(2-Ethylhexyl)phthalat		----------NA----------				
		----------	AvgRF	CCRF	% Dev	----------		
95	I	Perylene-d12	1.000	1.000	0.0	73	-0.02	24.23
		----------	True	Calc.	% Drift	----------		
96	t	Di-n-octylphthalate		----------NA----------				
		----------	AvgRF	CCRF	% Dev	----------		
97	t	Benzo[b]fluoranthene		----------NA----------				
98	t	Benzo[k]fluoranthene		----------NA----------				
99	t	Benzo[a]pyrene		----------NA----------				
100	t	Indeno[1,2,3-cd]pyrene		----------NA----------				
101	t	Dibenz(a,h)acridine		----------NA----------				
102	t	Dibenz[a,h]anthracene		----------NA----------				
		----------	True	Calc.	% Drift	----------		
103	t	7,12-Dimethylbenz(a)anthr		----------NA----------				
		----------	AvgRF	CCRF	% Dev	----------		
104	t	3-Methylcholanthrene		----------NA----------				
105	t	Benzo[g,h,i]perylene		----------NA----------				
106		1,4-Dichlorobenzene-d4A	1.000	1.000	0.0	73	0.00	6.22
107		Benzaldehyde	0.945	1.048	-10.9	77	-0.01	5.47
108		Acenaphthene-d10A	1.000	1.000	0.0	71	-0.01	12.91
109		1,2,4,5-Tetrachlorobenzen	0.758	0.779	-2.8	73	-0.01	10.94

Average % D = 3.4

(0.0 %) 0 of 4 compounds'%D > 20

(#) = Out of Range SPCC's out = 0 CCC's out = 0
F44505.D MF2402.M Wed Aug 25 12:33:39 2004 MSF

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2404\F44551.D
Acq On : 18 Aug 2004 9:10 am
Sample : CC2302-25
Misc : OP17679,EF2404
MS Integration Params: LSCINT.P
Quant Time: Aug 18 11:54:23 2004

Vial: 2
Operator: NINAP
Inst : MSF
Multiplr: 1.00
Quant Results File: MF2402.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Wed Aug 18 09:25:32 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.22	152	45008	40.00 ppb	-0.01
25) Naphthalene-d8	8.84	136	167966	40.00 ppb	-0.01
48) Acenaphthene-d10	12.91	164	105045	40.00 ppb	-0.01
70) Phenanthrene-d10	16.37	188	204780	40.00 ppb	-0.02
85) Chrysene-d12	21.93	240	263403	40.00 ppb	-0.02
95) Perylene-d12	24.24	264	179212	40.00 ppb	-0.01
106) 1,4-Dichlorobenzene-d4A	6.22	152	45008	40.00 ppb	0.00
108) Acenaphthene-d10A	12.91	164	105045	40.00 ppb	-0.01
System Monitoring Compounds					
5) 2-Fluorophenol	4.23	112	33714	26.65 ppb	0.00
Spiked Amount 50.000			Recovery = 53.30%		
8) Phenol-d5	5.71	99	42477	24.75 ppb	-0.01
Spiked Amount 50.000			Recovery = 49.50%		
26) Nitrobenzene-d5	7.37	82	53282	25.25 ppb	-0.01
Spiked Amount 50.000			Recovery = 50.50%		
52) 2-Fluorobiphenyl	11.40	172	97678	24.68 ppb	-0.01
Spiked Amount 50.000			Recovery = 49.36%		
75) 2,4,6-Tribromophenol	14.80	330	17492	28.45 ppb	-0.02
Spiked Amount 50.000			Recovery = 56.90%		
88) Terphenyl-d14	20.04	244	147762	26.74 ppb	-0.02
Spiked Amount 50.000			Recovery = 53.48%		

Target Compounds					Qvalue
2) 1,4-Dioxane	2.42	88	17870	24.18 ppb	97
3) Pyridine	2.76	79	44947	26.34 ppb	88
4) N-Nitrosodimethylamine	2.72	42	24876	24.21 ppb	93
6) Indene	6.76	116	65271	24.19 ppb	91
7) Cumene	4.93	105	93958	24.37 ppb	99
9) Phenol	5.73	94	50389	25.92 ppb	93
10) Aniline	5.72	93	50496	24.07 ppb	76
11) bis(2-Chloroethyl)ether	5.82	93	33111	24.89 ppb	95
12) Benzaldehyde	5.48	105	15863	24.64 ppb	89
13) 2-Chlorophenol	5.91	128	37934	24.79 ppb	95
14) Decane	5.99	43	25802	24.07 ppb	96
15) 1,3-Dichlorobenzene	6.15	146	43536	24.71 ppb	97
16) 1,4-Dichlorobenzene	6.25	146	44834	24.50 ppb	92
17) Benzyl alcohol	6.57	108	22873	23.33 ppb	85
18) 1,2-Dichlorobenzene	6.61	146	42946	25.46 ppb	98
19) Acetophenone	7.07	105	57897	24.35 ppb	98
20) 2-Methylphenol	6.85	108	32771	24.49 ppb	99
21) 2,2'-oxybis(1-Chloropropan	6.86	121	12828	23.35 ppb #	78
22) 3&4-Methylphenol	7.15	108	34263	23.72 ppb	86
23) n-Nitroso-di-n-propylamine	7.13	70	32898	23.43 ppb	93
24) Hexachloroethane	7.20	201	20930	24.38 ppb	99
27) Nitrobenzene	7.41	123	17557	26.02 ppb #	81
28) Quinoline	9.66	129	71305	24.24 ppb	97
29) Isophorone	7.90	82	80549	24.35 ppb	97
30) 2-Nitrophenol	8.09	139	20418	24.69 ppb	95
31) 2,4-Dimethylphenol	8.25	107	45409	24.83 ppb	95

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Qr Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2404\F44551.D
Acq On : 18 Aug 2004 9:10 am
Sample : CC2302-25
Misc : OP17679,EF2404
MS Integration Params: LSCINT.P
Quant Time: Aug 18 11:54:23 2004

Vial: 2
Operator: NINAP
Inst : MSF
Multiplr: 1.00

Quant Results File: MF2402.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Wed Aug 18 09:25:32 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
32) Benzoic acid	8.51	105	27083	21.98 ppb		97
33) bis(2-Chloroethoxy)methane	8.44	93	41551	25.30 ppb		98
34) 2,4-Dichlorophenol	8.62	162	34539	26.49 ppb		94
35) 1,3,5-Trichlorobenzene	8.09	180	42412	24.61 ppb		99
36) 1,2,4-Trichlorobenzene	8.76	180	40680	24.60 ppb		94
37) 1,2,3-Trichlorobenzene	9.29	180	39389	24.57 ppb		98
38) alpha-Terpineol	8.93	59	30679	24.20 ppb		96
39) Naphthalene	8.88	128	115155	24.62 ppb		99
40) 4-Chloroaniline	9.11	127	42325	23.39 ppb		96
41) 2,3-Dichloroaniline	11.22	161	42365	24.60 ppb		99
42) Caprolactam	9.82	55	11004	24.51 ppb		94
43) Hexachlorobutadiene	9.32	225	35188	24.03 ppb		96
44) 4-Chloro-3-methylphenol	10.31	107	38411	25.95 ppb	#	47
45) 2-Methylnaphthalene	10.46	142	78693	25.00 ppb		96
46) 1-Methylnaphthalene	10.69	142	74406	23.14 ppb		97
47) Dimethylnaphthalene	11.93	156	76928	24.86 ppb		96
49) Hexachlorocyclopentadiene	11.00	237	62582	42.41 ppb		91
50) 2,4,6-Trichlorophenol	11.23	196	28955	24.15 ppb		84
51) 2,4,5-Trichlorophenol	11.33	196	30955	24.91 ppb		96
53) 2-Chloronaphthalene	11.57	162	77324	24.56 ppb		95
54) Biphenyl	11.58	154	110054	24.88 ppb		95
55) 2-Nitroaniline	11.96	65	28204	23.52 ppb		94
56) Dimethylphthalate	12.50	163	96608	25.30 ppb		96
57) Acenaphthylene	12.54	152	118733	24.97 ppb		96
58) 2,6-Dinitrotoluene	12.63	165	20212	25.63 ppb		97
59) 3-Nitroaniline	12.95	138	18234	24.32 ppb		85
60) Acenaphthene	12.98	153	84109	25.19 ppb		93
61) 2,4-Dinitrophenol	13.19	184	24522	44.44 ppb		95
62) 4-Nitrophenol	13.51	109	19200	21.36 ppb		88
63) Dibenzofuran	13.37	168	113709	24.74 ppb		94
64) 2,4-Dinitrotoluene	13.56	165	28664	24.72 ppb		98
65) 2,3,4,6-Tetrachlorophenol	13.82	232	29329	23.90 ppb		99
66) Diethylphthalate	14.20	149	102898	23.62 ppb		97
67) Fluorene	14.18	166	97511	24.39 ppb		97
68) 4-Chlorophenyl-phenylether	14.24	204	54585	24.41 ppb		97
69) 4-Nitroaniline	14.41	138	17483	23.55 ppb		92
71) 4,6-Dinitro-2-methylphenol	14.51	198	18369	24.22 ppb	#	61
72) Atrazine	15.98	200	24852	22.77 ppb		95
73) n-Nitrosodiphenylamine	14.56	169	70485	27.17 ppb		100
74) 1,2-Diphenylhydrazine	14.61	77	237529	53.88 ppb		99
76) 4-Bromophenyl-phenylether	15.39	248	35181	26.55 ppb		90
77) Hexachlorobenzene	15.68	284	36575	25.79 ppb		98
78) Pentachlorophenol	16.14	266	45360	50.27 ppb		98
79) Phenanthrene	16.42	178	149773	26.81 ppb		97
80) Anthracene	16.53	178	143491	26.36 ppb		98
81) Carbazole	16.99	167	119571	26.56 ppb		97
82) Di-n-butylphthalate	18.09	149	156025	25.94 ppb		99
83) Fluoranthene	19.17	202	180175	26.09 ppb		99
84) Octadecane	16.37	57	44484	26.83 ppb		97

(#) = qualifier out of range (m) = manual integration

8/18/04

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2404\F44551.D
Acq On : 18 Aug 2004 9:10 am
Sample : CC2302-25
Misc : OP17679,EF2404
MS Integration Params: LSCINT.P
Quant Time: Aug 18 11:54:23 2004

Vial: 2
Operator: NINAP
Inst : MSF
Multiplr: 1.00
Quant Results File: MF2402.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Wed Aug 18 09:25:32 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
86)	Benzidine	19.54	184	57861	37.20 ppb	95
87)	Pyrene	19.61	202	191630	26.59 ppb	99
89)	Butylbenzylphthalate	21.09	149	70906	25.90 ppb	100
90)	Butyl stearate	21.20	56	26803	25.33 ppb	90
91)	Benzo[a]anthracene	21.90	228	194684	25.58 ppb	98
92)	3,3'-Dichlorobenzidine	21.94	252	64312	26.47 ppb	98
93)	Chrysene	21.97	228	192591	26.29 ppb	98
94)	bis(2-Ethylhexyl)phthalate	22.19	149	95303	23.47 ppb	99
96)	Di-n-octylphthalate	23.18	149	136247	21.63 ppb	97
97)	Benzo[b]fluoranthene	23.66	252	192639	25.76 ppb	97
98)	Benzo[k]fluoranthene	23.70	252	208971	24.54 ppb	91
99)	Benzo[a]pyrene	24.15	252	175090	26.02 ppb	99
100)	Indeno[1,2,3-cd]pyrene	26.15	276	211058	25.88 ppb	96
101)	Dibenz(a,h)acridine	25.71	279	161048	26.27 ppb	99
102)	Dibenz[a,h]anthracene	26.18	278	182147	26.38 ppb	99
103)	7,12-Dimethylbenz(a)anthra	23.68	256	84683	21.96 ppb	96
105)	Benzo[g,h,i]perylene	26.69	276	178116	26.63 ppb	98

8/18/04

(#) = qualifier out of range (m) = manual integration

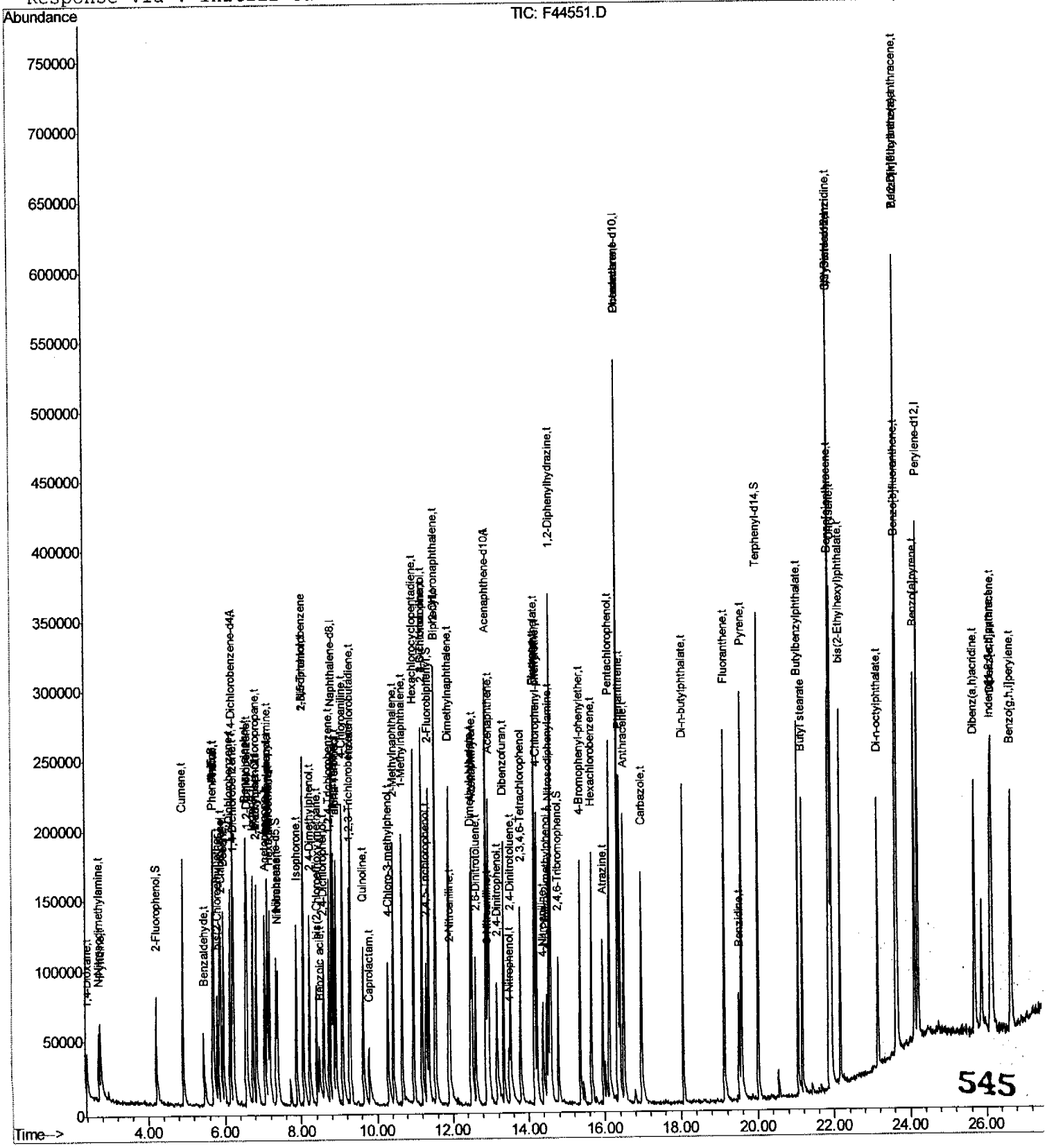
Quantitation Report (Qt Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2404\F44551.D
Acq On : 18 Aug 2004 9:10 am
Sample : CC2302-25
Misc : OP17679,EF2404
MS Integration Params: LSCINT.P
Quant Time: Aug 18 11:56 2004

Vial: 2
Operator: NINAP
Inst : MSF
Multiplr: 1.00

Quant Results File: MF2402.RES

Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Wed Aug 18 09:25:32 2004
Response via : Initial Calibration



Data File : C:\MSDCHEM\1\DATA\EF2404\F44552.D
Acq On : 18 Aug 2004 9:46 am
Sample : CC2302-50
Misc : OP17679,EF2404
MS Integration Params: LSCINT.P
Quant Time: Aug 18 10:14:17 2004

Vial: 3
Operator: NINAP
Inst : MSF
Multiplr: 1.00

Quant Results File: MF2402.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Wed Aug 18 09:25:32 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.22	152	37712	40.00 ppb	-0.01
25) Naphthalene-d8	8.83	136	146845	40.00 ppb	-0.02
48) Acenaphthene-d10	12.91	164	90241	40.00 ppb	-0.01
70) Phenanthrene-d10	16.37	188	177117	40.00 ppb	-0.02
85) Chrysene-d12	21.93	240	230144	40.00 ppb	-0.02
95) Perylene-d12	24.23	264	159820	40.00 ppb	-0.02
106) 1,4-Dichlorobenzene-d4A	6.22	152	37712	40.00 ppb	0.00
108) Acenaphthene-d10A	12.91	164	90241	40.00 ppb	-0.01

System Monitoring Compounds					
5) 2-Fluorophenol	0.00	112	0	0.00 ppb	
Spiked Amount 50.000			Recovery =	0.00%	
8) Phenol-d5	0.00	99	0	0.00 ppb	
Spiked Amount 50.000			Recovery =	0.00%	
26) Nitrobenzene-d5	0.00	82	0	0.00 ppb	
Spiked Amount 50.000			Recovery =	0.00%	
52) 2-Fluorobiphenyl	0.00	172	0	0.00 ppb	
Spiked Amount 50.000			Recovery =	0.00%	
75) 2,4,6-Tribromophenol	0.00	330	0	0.00 ppb	
Spiked Amount 50.000			Recovery =	0.00%	
88) Terphenyl-d14	0.00	244	0	0.00 ppb	
Spiked Amount 50.000			Recovery =	0.00%	

Target Compounds					Qvalue
107) Benzaldehyde	5.47	105	49402	55.47 ppb	97
109) 1,2,4,5-Tetrachlorobenzene	10.94	216	87838	51.39 ppb	96

6/8/18/en

546

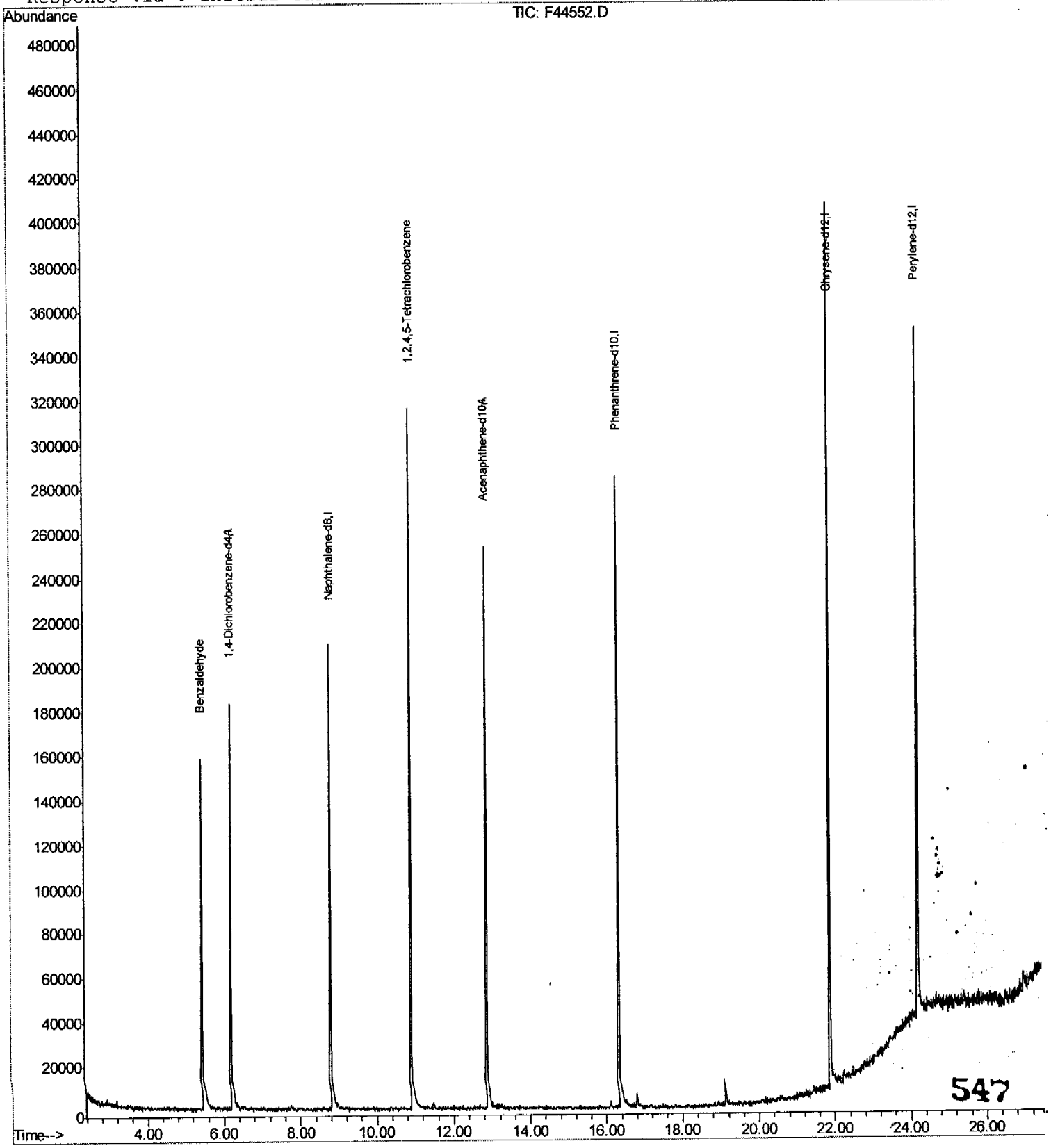
(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2404\F44552.D
Acq On : 18 Aug 2004 9:46 am
Sample : CC2302-50
Misc : OP17679,EF2404
MS Integration Params: LSCINT.P
Quant Time: Aug 18 11:57 2004

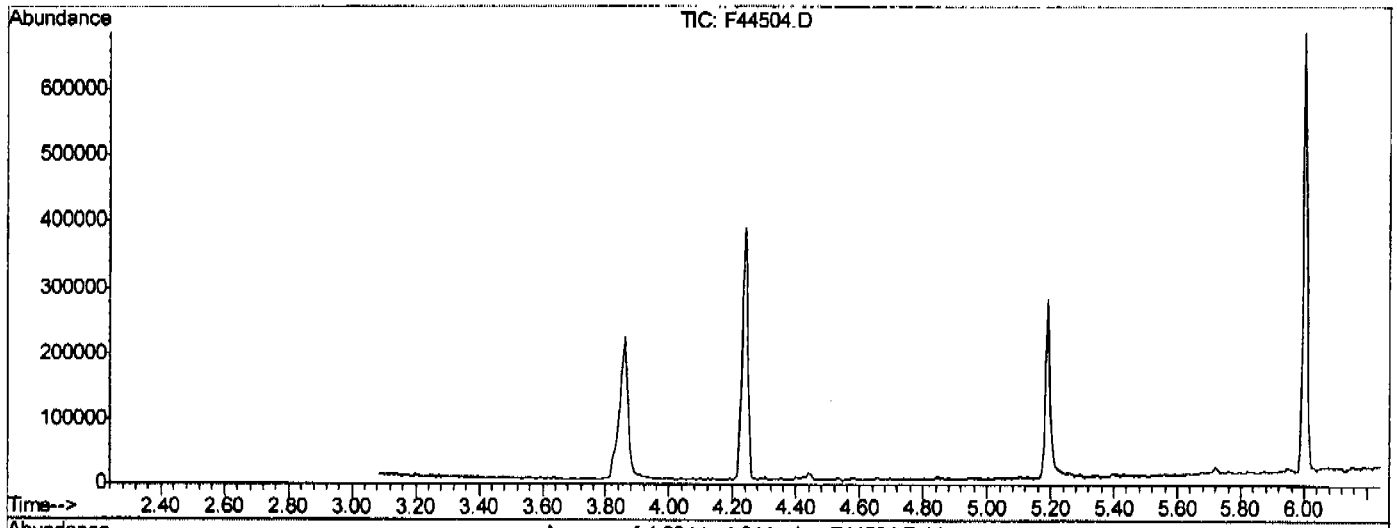
Vial: 3
Operator: NINAP
Inst : MSF
Multiplr: 1.00
Quant Results File: MF2402.RES

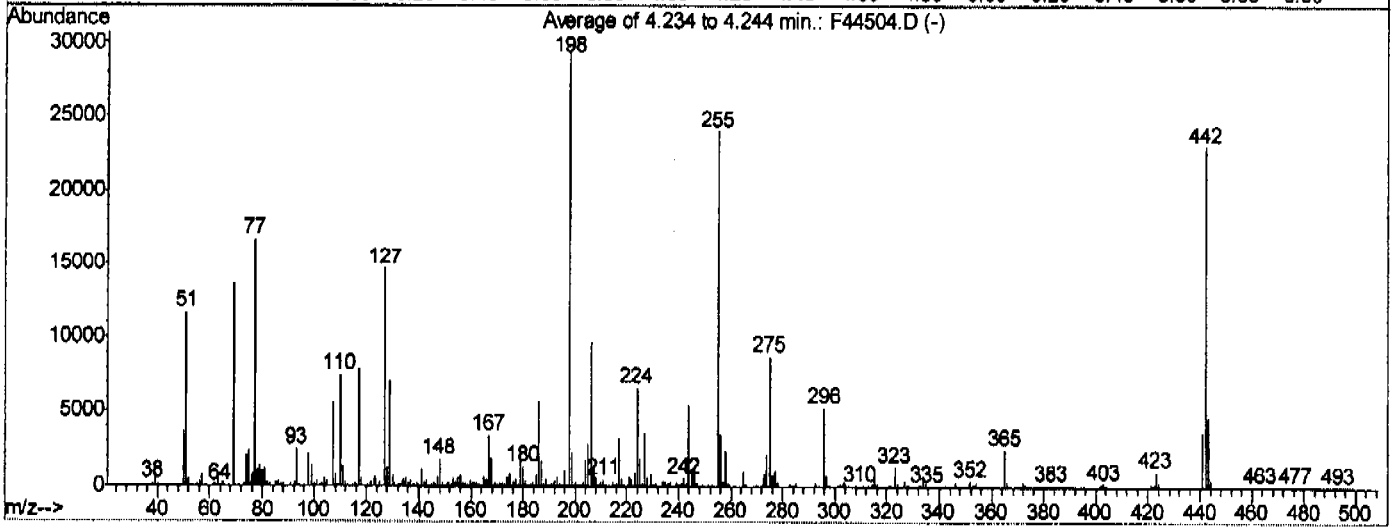
Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Wed Aug 18 09:25:32 2004
Response via : Initial Calibration



DFTPP

Data File : C:\MSDCHEM\1\DATA\EF2402\F44504.D Vial: 1
Acq On : 16 Aug 2004 1:51 pm Operator: NINAP
Sample : DFTPP Inst : MSF
Misc : OP17679,EF2402 Multiplr: 1.00
MS Integration Params: LSCINT.P
Method : C:\MSDCHEM\1\METHODS\DFTPPF.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS





AutoFind: Scans 216, 217, 218; Background Corrected with Scan 208

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	39.9	11629	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	46.6	13576	PASS
70	69	0.00	2	0.5	66	PASS
127	198	40	60	50.5	14695	PASS
197	198	0.00	1	0.0	2	PASS
198	198	100	100	100.0	29112	PASS
199	198	5	9	7.5	2193	PASS
275	198	10	30	29.8	8671	PASS
365	198	1	100	8.4	2458	PASS
441	443	0.10	100	79.2	3670	PASS
442	198	40	100	79.0	22985	PASS
443	442	17	23	20.2	4634	PASS

Average of 4.234 to 4.244 min.: F44504.D
DFTPP
Modified:subtracted

36.10	86.0
37.90	109.0
38.05	193.0
39.10	794.0
39.90	17.0
40.15	53.0
40.75	23.0
41.30	58.0
42.20	78.0
43.20	34.0
44.10	37.0
44.60	17.0
45.05	48.0
48.10	10.0
49.05	108.0
49.95	3614.0
51.00	11629.0
52.00	509.0
53.00	71.0
55.00	131.0
55.20	36.0
55.95	319.0
57.05	784.0
58.25	45.0
61.00	101.0
61.20	92.0
61.80	154.0
63.05	616.0
63.90	33.0
65.10	269.0
67.10	85.0
69.00	13576.0
69.80	66.0
71.00	76.0
71.20	24.0
71.80	27.0
73.00	155.0
74.05	2075.0
75.00	2317.0
75.90	278.0
76.05	858.0
77.10	16672.0
78.05	1133.0
79.00	1357.0
79.95	974.0
81.05	1215.0
81.90	290.0
83.00	158.0
84.00	30.0
85.00	270.0
85.90	366.0
87.00	195.0
87.70	38.0
88.00	129.0
89.00	23.0
91.00	136.0
91.95	259.0
93.00	2514.0
93.90	106.0
95.05	2.0
96.10	77.0
97.95	2150.0
99.00	1434.0
100.10	173.0
100.90	276.0
101.10	317.0
101.90	45.0
102.95	187.0
104.00	502.0
104.80	65.0
105.05	379.0
106.10	34.0
107.00	5570.0

108.00	742.0
108.90	127.0
110.00	7406.0
110.95	1314.0
112.00	213.0
113.00	94.0
114.90	89.0
115.80	131.0
116.00	117.0
117.00	7790.0
118.00	528.0
120.15	80.0
120.60	27.0
121.90	293.0
123.05	583.0
123.85	456.0
124.90	222.0
127.00	14695.0
128.00	1230.0
129.00	7043.0
130.00	665.0
130.85	178.0
131.10	20.0
132.00	55.0
132.50	56.0
132.90	84.0
133.95	415.0
134.85	503.0
135.70	41.0
136.05	170.0
136.50	68.0
136.90	308.0
137.80	48.0
138.05	107.0
139.00	129.0
139.20	17.0
139.80	71.0
141.00	1121.0
141.95	221.0
142.20	191.0
143.05	303.0
144.10	19.0
144.90	55.0
145.20	23.0
145.90	185.0
146.20	101.0
146.95	586.0
148.00	1785.0
148.90	179.0
149.60	44.0
150.20	27.0
151.05	160.0
151.40	143.0
151.80	18.0
152.10	85.0
153.05	540.0
154.05	246.0
155.00	572.0
156.00	794.0
157.00	141.0
157.80	44.0
158.10	212.0
159.05	69.0
159.90	376.0
160.20	80.0
160.80	185.0
161.05	262.0
162.05	169.0
163.10	77.0
164.90	575.0
165.95	458.0
166.95	3400.0
167.95	1835.0
169.15	146.0
169.90	117.0

170.95	130.0
171.60	44.0
171.85	168.0
172.70	101.0
173.00	95.0
174.05	601.0
174.95	849.0
176.05	240.0
176.90	409.0
177.90	83.0
178.95	1974.0
180.05	1288.0
180.95	372.0
181.80	37.0
182.20	19.0
182.75	83.0
183.80	233.0
185.00	756.0
185.95	5600.0
187.00	1678.0
188.00	194.0
189.00	538.0
189.65	55.0
190.00	22.0
190.95	170.0
191.80	146.0
192.05	446.0
192.90	578.0
193.90	36.0
194.05	138.0
194.60	41.0
195.00	22.0
196.00	999.0
196.80	2.0
198.00	29112.0
198.95	2193.0
199.80	102.0
200.05	261.0
200.80	39.0
201.50	80.0
202.85	213.0
203.90	1723.0
205.00	2765.0
206.00	9630.0
207.00	1209.0
207.95	593.0
209.00	58.0
209.95	219.0
210.80	103.0
211.05	447.0
211.65	77.0
212.00	36.0
214.85	259.0
215.80	72.0
216.10	156.0
216.95	3192.0
217.90	546.0
219.00	48.0
220.70	301.0
220.90	593.0
221.25	516.0
221.85	494.0
223.05	914.0
224.05	6577.0
225.00	1752.0
225.90	205.0
226.95	3540.0
227.80	145.0
228.05	566.0
229.05	842.0
230.05	88.0
230.50	29.0
230.80	115.0
231.15	159.0
232.00	18.0

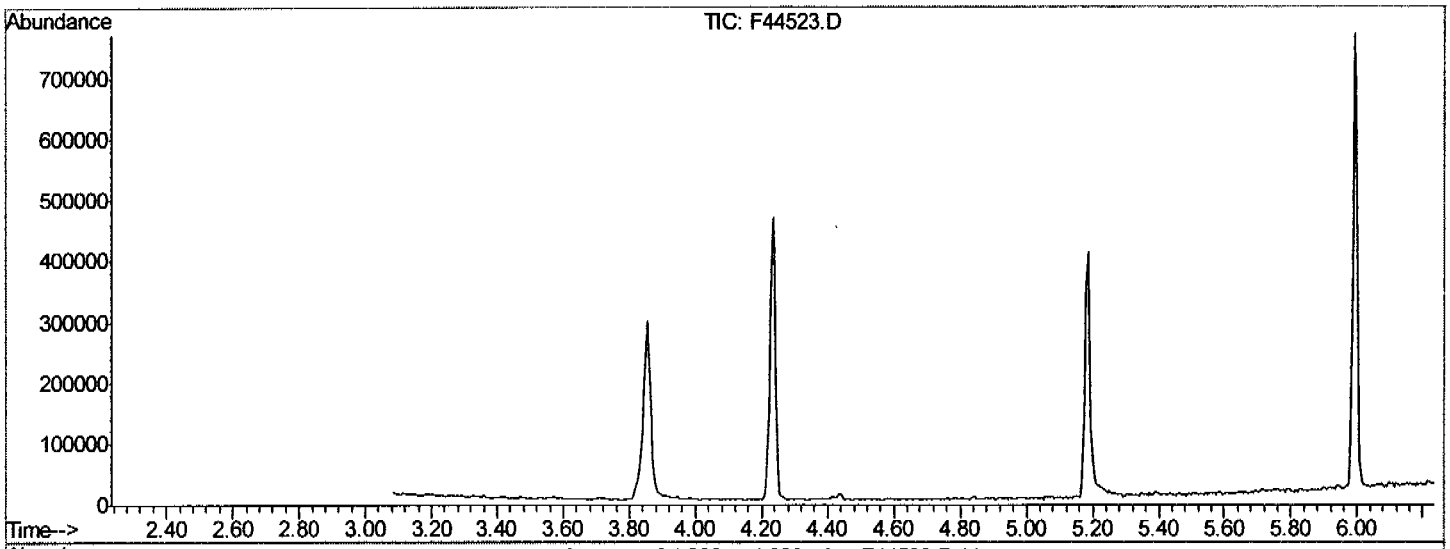
233.00	20.0
233.70	59.0
234.00	331.0
234.95	265.0
235.85	148.0
236.10	80.0
236.50	58.0
236.95	272.0
237.90	30.0
238.90	248.0
239.70	36.0
240.05	90.0
240.80	139.0
241.20	75.0
242.05	553.0
242.95	204.0
243.20	134.0
244.00	5357.0
245.05	864.0
245.95	1462.0
246.80	150.0
247.05	173.0
248.10	25.0
249.00	57.0
249.20	64.0
249.70	34.0
251.05	118.0
251.90	43.0
252.20	24.0
252.85	76.0
253.00	82.0
253.20	32.0
255.00	24013.0
256.00	3524.0
256.70	67.0
257.10	353.0
257.95	2375.0
258.80	130.0
259.10	206.0
261.20	64.0
264.00	32.0
264.95	1021.0
266.00	132.0
266.95	40.0
267.80	19.0
269.90	57.0
271.00	18.0
271.20	40.0
271.85	87.0
272.95	802.0
273.95	2092.0
275.00	8671.0
275.80	273.0
276.10	752.0
276.85	324.0
277.05	1111.0
278.00	270.0
278.80	38.0
282.00	42.0
282.95	137.0
283.60	29.0
284.00	57.0
285.00	231.0
287.10	17.0
289.00	21.0
289.20	40.0
289.80	23.0
291.70	38.0
292.20	17.0
292.80	288.0
293.10	74.0
293.80	28.0
294.00	72.0
294.90	22.0
296.00	5235.0

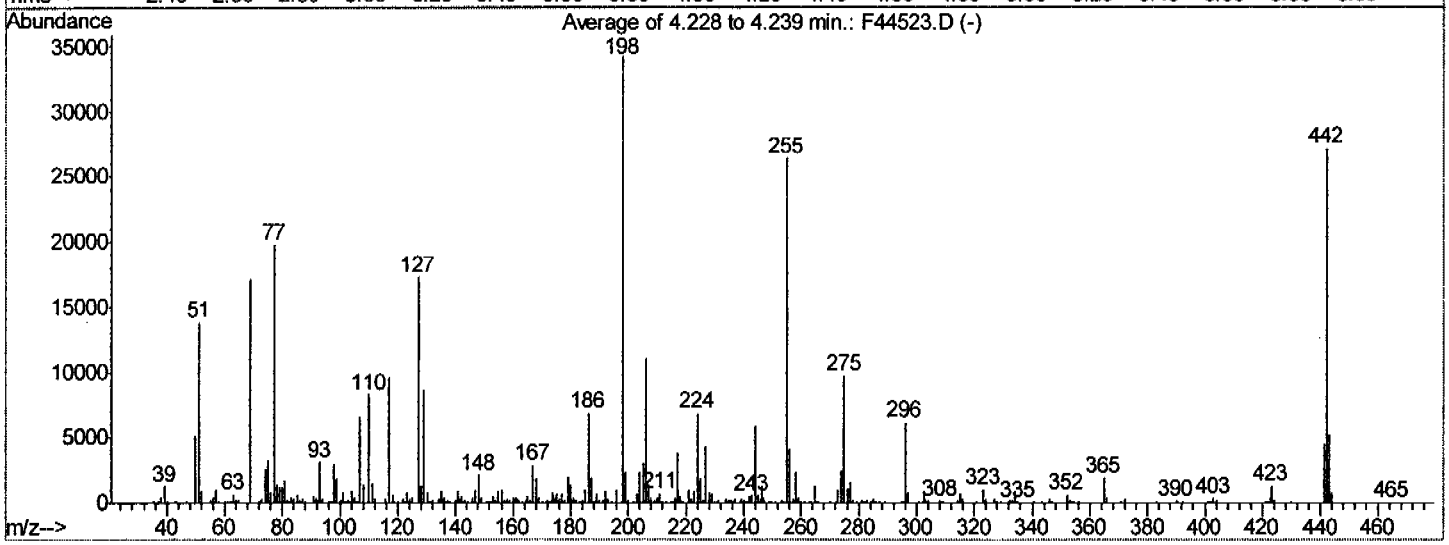
297.95	101.0
300.95	101.0
301.95	132.0
303.00	164.0
303.15	312.0
304.00	174.0
305.10	50.0
308.00	56.0
309.70	32.0
309.90	17.0
310.80	59.0
311.10	57.0
312.80	48.0
313.80	27.0
314.05	162.0
314.95	615.0
315.80	52.0
316.10	198.0
316.90	44.0
317.10	30.0
320.85	111.0
321.10	51.0
322.00	29.0
323.00	1267.0
324.20	155.0
326.85	358.0
328.00	51.0
328.15	82.0
328.80	16.0
329.10	32.0
330.50	22.0
331.20	17.0
331.95	106.0
332.60	66.0
332.95	91.0
334.00	649.0
334.85	177.0
335.50	27.0
340.95	30.0
341.70	42.0
342.00	20.0
342.20	46.0
344.20	22.0
345.95	261.0
346.80	47.0
347.00	56.0
348.70	22.0
349.70	17.0
351.95	364.0
352.85	86.0
353.10	66.0
353.40	39.0
354.15	277.0
355.05	69.0
356.20	21.0
357.10	33.0
357.90	27.0
358.90	16.0
359.20	21.0
364.95	2458.0
365.90	302.0
370.00	47.0
371.05	110.0
371.95	359.0
372.20	174.0
372.85	201.0
374.00	25.0
377.20	27.0
382.95	114.0
383.20	28.0
384.90	21.0
389.10	30.0
389.55	36.0
390.05	48.0
391.00	91.0

402.00	177.0
403.00	220.0
403.75	92.0
404.10	29.0
404.40	16.0
405.00	26.0
410.60	20.0
420.90	32.0
421.10	142.0
421.40	70.0
421.85	67.0
422.70	137.0
422.95	1017.0
424.15	262.0
425.10	25.0
431.20	25.0
438.10	29.0
438.90	28.0
439.30	16.0
439.90	35.0
441.05	3670.0
442.10	22985.0
443.05	4634.0
444.15	458.0
445.00	22.0
449.30	21.0
463.20	33.0
467.00	24.0
477.00	34.0
480.20	25.0
488.90	19.0
493.30	19.0

DFTPP

Data File : C:\MSDCHEM\1\DATA\EF2403\F44523.D Vial: 1
Acq On : 17 Aug 2004 2:05 pm Operator: NINAP
Sample : dftpp Inst : MSF
Misc : OP17679,EF2403 Multiplr: 1.00
MS Integration Params: LSCINT.P
Method : C:\MSDCHEM\1\METHODS\DFTPPF.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS





AutoFind: Scans 215, 216, 217; Background Corrected with Scan 208

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	40.5	13846	PASS
68	69	0.00	2	0.3	53	PASS
69	198	0.00	100	50.2	17150	PASS
70	69	0.00	2	0.3	44	PASS
127	198	40	60	50.8	17351	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	34176	PASS
199	198	5	9	7.0	2396	PASS
275	198	10	30	28.4	9693	PASS
365	198	1	100	5.6	1905	PASS
441	443	0.10	100	86.7	4541	PASS
442	198	40	100	79.4	27128	PASS
443	442	17	23	19.3	5236	PASS

Average of 4.228 to 4.239 min.: F44523.D
dftpp
Modified:subtracted

35.10	72.0
35.85	151.0
36.10	44.0
37.20	84.0
38.00	443.0
39.05	1245.0
40.20	90.0
42.30	40.0
43.00	135.0
43.30	55.0
44.00	33.0
46.80	107.0
50.05	5154.0
51.05	13846.0
52.10	899.0
55.05	235.0
55.70	139.0
56.05	434.0
57.00	981.0
57.90	58.0
60.10	60.0
60.70	103.0
61.00	151.0
61.90	112.0
62.15	121.0
63.10	639.0
63.90	178.0
64.95	181.0
67.00	34.0
67.70	53.0
69.00	17150.0
70.10	44.0
72.00	83.0
73.00	260.0
74.05	2585.0
75.05	3246.0
76.10	764.0
77.10	19813.0
78.05	1350.0
79.05	1139.0
80.05	1171.0
80.95	1715.0
81.75	173.0
82.00	131.0
83.05	406.0
84.00	314.0
85.05	602.0
85.95	194.0
87.00	270.0
87.95	139.0
90.95	517.0
91.80	367.0
92.20	157.0
93.00	3124.0
93.90	301.0
95.60	37.0
96.05	123.0
96.90	64.0
97.95	2958.0
99.00	1843.0
100.00	176.0
101.00	759.0
102.00	56.0
102.90	200.0
103.10	89.0
104.05	865.0
104.95	411.0
105.20	227.0
105.80	136.0
106.95	6641.0
108.05	1369.0

110.05	8256.0
111.00	1494.0
111.95	265.0
112.20	79.0
112.90	45.0
113.20	49.0
113.90	51.0
115.80	273.0
116.95	9540.0
118.05	591.0
118.85	99.0
120.00	65.0
121.10	50.0
121.70	98.0
121.90	273.0
122.10	137.0
123.05	797.0
123.90	319.0
124.10	47.0
124.70	57.0
125.05	367.0
125.90	50.0
127.00	17351.0
128.00	1309.0
129.00	8615.0
129.95	799.0
130.80	65.0
131.10	110.0
131.90	207.0
133.60	47.0
134.05	321.0
134.95	894.0
135.95	413.0
136.40	111.0
137.00	116.0
137.25	214.0
138.25	97.0
139.40	42.0
139.90	231.0
140.50	80.0
140.90	861.0
141.10	345.0
141.95	498.0
142.85	181.0
143.20	159.0
144.15	72.0
145.00	52.0
145.80	131.0
146.05	351.0
147.00	1019.0
148.05	2168.0
148.70	133.0
149.00	386.0
150.70	55.0
151.10	90.0
151.50	89.0
151.80	62.0
152.30	100.0
152.80	88.0
153.05	501.0
153.40	98.0
153.70	115.0
153.95	188.0
154.85	853.0
156.05	984.0
156.70	49.0
157.05	207.0
157.90	281.0
159.00	181.0
160.10	394.0
160.80	197.0
161.05	413.0
161.30	275.0
161.95	200.0
163.30	80.0

164.60	157.0
164.95	480.0
165.80	138.0
166.05	233.0
167.00	2874.0
168.00	1895.0
168.95	415.0
169.70	43.0
170.10	115.0
171.60	65.0
172.10	179.0
173.00	101.0
173.30	114.0
174.00	748.0
174.90	398.0
175.10	729.0
176.00	284.0
176.95	725.0
177.90	225.0
178.95	2002.0
180.00	1417.0
180.95	401.0
181.20	244.0
181.95	166.0
182.90	86.0
183.80	227.0
184.95	1018.0
186.00	6814.0
186.95	1844.0
187.90	94.0
188.10	66.0
188.90	652.0
189.95	171.0
191.00	235.0
191.95	854.0
192.80	168.0
193.00	280.0
194.00	108.0
196.00	984.0
197.95	34176.0
198.90	2396.0
199.85	203.0
200.10	87.0
200.70	24.0
201.20	38.0
201.50	140.0
202.90	650.0
204.00	2333.0
205.00	3082.0
206.05	11006.0
206.90	1355.0
207.85	445.0
208.95	183.0
209.90	399.0
210.30	108.0
210.70	130.0
211.00	734.0
211.80	60.0
213.10	81.0
213.90	35.0
214.70	98.0
215.00	125.0
215.70	144.0
216.00	389.0
216.20	218.0
216.95	3856.0
218.00	543.0
218.90	69.0
220.90	396.0
221.10	1033.0
221.70	320.0
222.10	278.0
222.95	885.0
224.05	6855.0
225.00	1837.0

227.00	4301.0
227.90	813.0
228.40	213.0
228.80	232.0
229.00	660.0
229.80	95.0
230.60	65.0
231.00	186.0
232.30	36.0
234.00	318.0
234.70	205.0
235.10	189.0
235.70	185.0
236.10	72.0
236.40	72.0
236.70	72.0
237.05	339.0
239.05	304.0
240.20	213.0
240.80	133.0
242.00	542.0
242.90	561.0
244.00	5923.0
244.90	152.0
245.05	633.0
245.80	253.0
246.00	1278.0
246.70	383.0
247.10	156.0
248.80	62.0
249.10	67.0
249.70	89.0
250.95	97.0
251.70	51.0
252.70	43.0
253.15	225.0
253.80	67.0
255.00	26392.0
256.00	4165.0
257.05	275.0
257.95	2345.0
258.90	223.0
259.05	357.0
259.80	123.0
261.20	66.0
263.10	90.0
263.60	90.0
264.95	1257.0
265.80	62.0
266.10	111.0
267.60	39.0
270.00	81.0
271.90	47.0
272.40	57.0
272.90	1030.0
274.05	2436.0
275.00	9693.0
276.05	1101.0
277.00	1534.0
278.00	239.0
278.20	130.0
279.20	55.0
280.90	229.0
281.75	117.0
282.10	67.0
282.80	78.0
283.05	169.0
284.00	128.0
284.95	334.0
285.80	75.0
287.40	60.0
288.95	118.0
294.80	56.0
295.10	121.0
296.00	6116.0

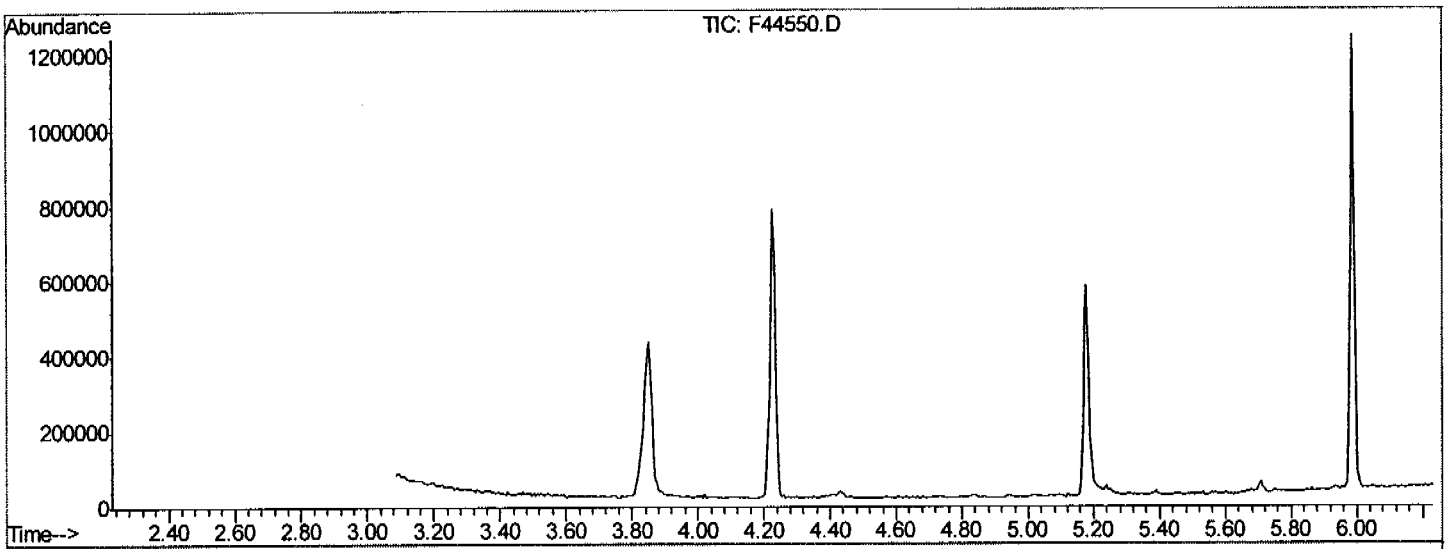
298.30	48.0
301.00	57.0
301.60	34.0
302.10	122.0
302.30	48.0
302.85	613.0
303.20	171.0
304.10	153.0
304.80	42.0
308.05	168.0
308.40	44.0
309.00	56.0
309.20	64.0
309.90	34.0
311.20	38.0
313.95	191.0
314.30	93.0
314.80	121.0
315.00	679.0
315.85	287.0
316.10	67.0
320.60	56.0
321.00	45.0
321.90	45.0
323.15	995.0
323.90	258.0
325.20	51.0
325.80	47.0
326.90	83.0
327.05	261.0
327.80	57.0
329.05	92.0
330.80	51.0
331.20	37.0
331.80	67.0
332.15	184.0
333.00	175.0
334.05	934.0
334.90	84.0
335.20	50.0
340.20	35.0
340.70	56.0
342.00	35.0
343.30	83.0
345.80	233.0
346.05	309.0
346.90	110.0
348.00	45.0
351.95	600.0
352.95	247.0
353.20	78.0
353.70	99.0
354.10	149.0
354.60	35.0
356.00	66.0
357.30	35.0
364.90	1905.0
365.10	1002.0
365.70	161.0
365.95	439.0
368.80	38.0
369.50	36.0
370.80	82.0
371.80	252.0
372.05	289.0
372.60	46.0
382.50	34.0
383.00	79.0
383.70	36.0
389.85	176.0
390.30	84.0
392.10	85.0
401.00	64.0
401.90	108.0
402.10	55.0

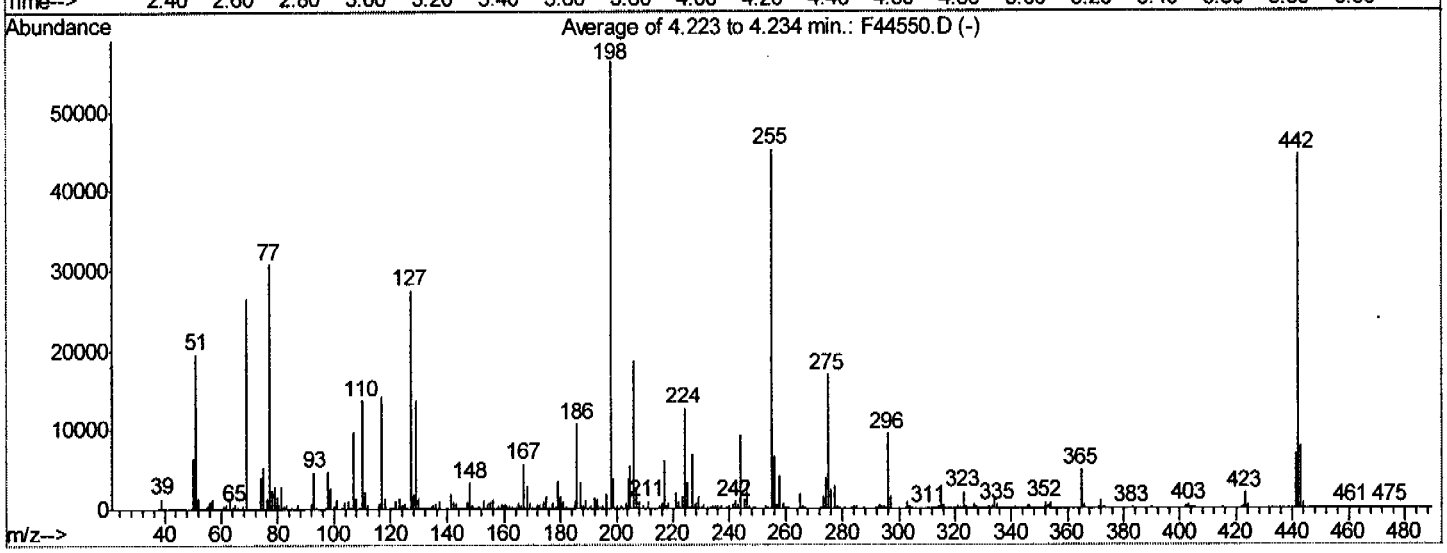
404.15	181.0
414.90	34.0
415.30	41.0
418.20	39.0
420.90	101.0
421.20	75.0
421.90	142.0
422.80	442.0
423.05	1300.0
423.80	164.0
423.95	244.0
425.20	37.0
429.80	58.0
431.20	46.0
438.50	45.0
441.05	4541.0
442.05	27128.0
443.05	5236.0
443.95	777.0
464.90	35.0

DFTPP

Data File : C:\MSDCHEM\1\DATA\EF2404\F44550.D
Acq On : 18 Aug 2004 8:45 am
Sample : DFTPP
Misc : OP17679,EF2404
MS Integration Params: LSCINT.P
Method : C:\MSDCHEM\1\METHODS\DFTPPF.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS

Vial: 1
Operator: NINAP
Inst : MSF
Multiplr: 1.00





Spectrum Information: Average of 4.223 to 4.234 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	34.7	19522	PASS
68	69	0.00	2	1.0	266	PASS
69	198	0.00	100	47.1	26456	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	48.8	27432	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	56216	PASS
199	198	5	9	6.7	3782	PASS
275	198	10	30	30.0	16863	PASS
365	198	1	100	8.5	4802	PASS
441	443	0.10	100	87.4	6842	PASS
442	198	40	100	79.0	44386	PASS
443	442	17	23	17.6	7828	PASS

Average of 4.223 to 4.234 min.: F44550.D
DFTPP
Modified:subtracted

35.95	84.0
38.00	234.0
39.00	1370.0
40.05	167.0
43.50	39.0
43.80	35.0
44.00	76.0
44.90	75.0
50.00	6308.0
51.05	19522.0
52.10	1351.0
54.80	102.0
55.15	277.0
55.95	875.0
57.05	1091.0
58.00	39.0
59.00	36.0
61.00	272.0
61.95	461.0
63.00	1156.0
64.00	147.0
64.95	466.0
66.05	99.0
66.90	36.0
67.15	75.0
67.90	266.0
69.00	26456.0
71.80	41.0
74.05	3843.0
75.00	5194.0
76.10	1350.0
77.10	30749.0
78.05	2265.0
79.00	2723.0
79.90	1490.0
80.10	523.0
81.00	2745.0
81.70	82.0
82.00	348.0
82.30	78.0
83.05	439.0
85.00	97.0
86.00	43.0
87.00	459.0
87.20	81.0
90.95	65.0
92.00	732.0
93.00	4545.0
94.05	230.0
94.50	44.0
94.90	64.0
95.30	75.0
96.85	139.0
97.95	4648.0
98.95	2543.0
99.95	387.0
101.00	1203.0
102.10	47.0
102.90	163.0
103.20	158.0
103.50	161.0
103.90	771.0
104.95	999.0
105.90	171.0
107.00	9758.0
108.00	1364.0
108.95	198.0
110.00	13568.0
111.10	2057.0
112.05	470.0
112.80	84.0
113.70	56.0

115.95	685.0
117.00	14123.0
117.95	1344.0
118.70	46.0
120.05	159.0
120.60	35.0
121.05	105.0
121.70	193.0
122.00	972.0
123.05	1286.0
124.05	538.0
124.95	663.0
125.75	111.0
127.00	27432.0
128.00	1743.0
129.00	13648.0
130.00	1371.0
130.90	100.0
132.15	122.0
133.05	129.0
133.80	224.0
134.20	374.0
134.90	432.0
135.70	108.0
135.95	594.0
137.10	975.0
138.10	64.0
140.00	187.0
141.00	1746.0
142.10	767.0
142.95	694.0
143.80	36.0
144.10	95.0
144.70	38.0
145.75	199.0
146.00	103.0
146.20	71.0
146.95	24.0
147.15	751.0
147.95	3189.0
148.85	457.0
149.10	182.0
149.70	82.0
150.10	135.0
150.90	256.0
151.20	47.0
151.40	64.0
151.65	123.0
152.95	899.0
154.10	700.0
155.00	845.0
156.00	1136.0
156.70	54.0
157.05	52.0
158.05	333.0
158.70	44.0
159.10	433.0
159.80	285.0
160.05	427.0
160.75	529.0
161.00	288.0
161.70	59.0
162.00	265.0
162.90	122.0
164.05	142.0
165.00	700.0
165.90	355.0
166.10	236.0
166.95	5529.0
168.00	2806.0
168.95	600.0
169.70	81.0
170.00	217.0
170.90	131.0
171.85	517.0

173.95	805.0
175.05	1439.0
176.00	179.0
176.80	161.0
177.00	726.0
178.10	131.0
178.95	3423.0
180.05	1465.0
181.00	841.0
181.90	155.0
182.25	205.0
183.00	44.0
183.90	72.0
184.90	265.0
185.10	1022.0
185.95	10669.0
187.00	3219.0
187.95	329.0
189.00	980.0
190.10	115.0
190.80	288.0
191.40	84.0
192.00	1306.0
192.95	1179.0
193.80	126.0
194.85	316.0
195.95	1760.0
197.95	56216.0
198.95	3782.0
199.90	72.0
200.15	282.0
201.00	55.0
201.70	407.0
202.10	95.0
203.15	723.0
204.05	3664.0
204.90	5411.0
206.05	18688.0
206.90	2321.0
207.80	199.0
207.95	825.0
208.75	28.0
209.05	305.0
210.90	837.0
214.10	86.0
214.30	36.0
215.05	282.0
215.95	684.0
217.00	5946.0
217.80	347.0
218.05	645.0
218.70	47.0
220.95	1985.0
221.50	324.0
221.90	771.0
222.10	209.0
223.00	1516.0
224.05	12511.0
225.05	3309.0
226.00	231.0
226.95	6777.0
227.80	417.0
228.00	720.0
228.95	1452.0
229.85	182.0
230.10	65.0
231.05	436.0
232.05	143.0
233.00	173.0
233.85	356.0
235.00	352.0
235.20	209.0
235.80	121.0
236.00	299.0

238.05	80.0
238.90	230.0
239.10	151.0
239.80	44.0
240.05	285.0
241.05	433.0
241.95	906.0
242.95	458.0
244.05	9243.0
245.05	1133.0
245.95	3105.0
247.05	364.0
247.70	45.0
248.20	92.0
249.10	123.0
253.05	356.0
253.80	169.0
255.00	45144.0
255.95	6448.0
257.00	465.0
258.00	4126.0
259.05	732.0
259.90	156.0
260.20	45.0
260.95	116.0
264.85	1852.0
265.80	60.0
266.10	332.0
266.90	236.0
267.30	39.0
269.70	47.0
270.10	40.0
271.10	72.0
272.10	175.0
273.00	1534.0
273.95	3737.0
274.90	16863.0
276.00	2276.0
277.05	2816.0
278.00	304.0
278.60	34.0
279.00	115.0
280.90	182.0
282.95	188.0
283.20	89.0
284.00	326.0
284.80	332.0
285.05	296.0
287.80	96.0
288.20	79.0
290.10	40.0
291.10	68.0
291.90	213.0
293.00	506.0
294.10	283.0
295.00	396.0
296.00	9392.0
297.00	1509.0
297.90	73.0
301.00	45.0
302.00	67.0
303.00	819.0
304.00	271.0
307.95	87.0
309.90	64.0
310.80	95.0
312.00	46.0
312.95	83.0
314.15	405.0
314.90	793.0
315.10	384.0
315.95	554.0
317.00	40.0
318.90	60.0

322.20	84.0
323.00	1999.0
323.80	102.0
323.95	309.0
324.80	38.0
325.10	48.0
325.70	73.0
325.90	62.0
326.85	432.0
327.10	244.0
327.90	107.0
329.60	67.0
330.00	55.0
330.70	72.0
331.50	49.0
331.90	163.0
332.20	111.0
333.05	375.0
334.05	1183.0
334.95	414.0
339.10	37.0
341.15	229.0
342.10	39.0
343.20	47.0
344.90	34.0
345.80	250.0
346.00	261.0
346.40	36.0
346.70	42.0
347.00	41.0
347.20	33.0
349.70	43.0
350.80	43.0
351.90	731.0
352.70	146.0
353.05	365.0
353.90	579.0
359.20	58.0
360.80	75.0
365.00	4802.0
365.95	470.0
366.70	39.0
369.10	37.0
369.80	33.0
370.00	47.0
370.90	113.0
371.95	946.0
372.90	133.0
373.20	90.0
377.00	71.0
383.00	129.0
388.60	34.0
389.90	109.0
390.60	52.0
390.90	42.0
392.90	41.0
394.90	37.0
401.20	70.0
402.00	282.0
402.20	156.0
403.00	441.0
403.40	60.0
404.05	173.0
404.70	94.0
405.15	117.0
414.95	138.0
417.00	61.0
418.10	35.0
421.00	80.0
421.40	81.0
422.00	173.0
422.70	340.0
423.05	1903.0
424.10	412.0

431.00	44.0
432.40	39.0
437.20	44.0
438.00	60.0
438.60	45.0
441.05	6842.0
442.05	44386.0
443.05	7828.0
444.00	580.0
451.90	38.0
460.90	63.0
474.90	49.0

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2404\F44553.D Vial: 4
Acq On : 18 Aug 2004 10:22 am Operator: NINAP
Sample : OP17687-MB1 Inst : MSF
Misc : OP17687,EF2404,1000 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 18 10:50:09 2004 Quant Results File: MF2402.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Wed Aug 18 09:25:32 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.22	152	46811	40.00 ppb	-0.01
25) Naphthalene-d8	8.84	136	174308	40.00 ppb	-0.01
48) Acenaphthene-d10	12.91	164	108743	40.00 ppb	-0.01
70) Phenanthrene-d10	16.37	188	210037	40.00 ppb	-0.02
85) Chrysene-d12	21.93	240	282548	40.00 ppb	-0.02
95) Perylene-d12	24.23	264	199626	40.00 ppb	-0.02
106) 1,4-Dichlorobenzene-d4A	6.22	152	46811	40.00 ppb	0.00
108) Acenaphthene-d10A	12.91	164	108743	40.00 ppb	-0.01
System Monitoring Compounds					
5) 2-Fluorophenol	4.23	112	34119	25.93 ppb	0.00
Spiked Amount 50.000			Recovery = 51.86%		
8) Phenol-d5	5.71	99	25090	14.06 ppb	0.00
Spiked Amount 50.000			Recovery = 28.12%		
26) Nitrobenzene-d5	7.37	82	87064	39.75 ppb	-0.01
Spiked Amount 50.000			Recovery = 79.50%		
52) 2-Fluorobiphenyl	11.40	172	158370	38.65 ppb	-0.01
Spiked Amount 50.000			Recovery = 77.30%		
75) 2,4,6-Tribromophenol	14.81	330	27366	43.40 ppb	-0.01
Spiked Amount 50.000			Recovery = 86.80%		
88) Terphenyl-d14	20.04	244	267882	45.19 ppb	-0.02
Spiked Amount 50.000			Recovery = 90.38%		

Target Compounds Qvalue

08/18/04

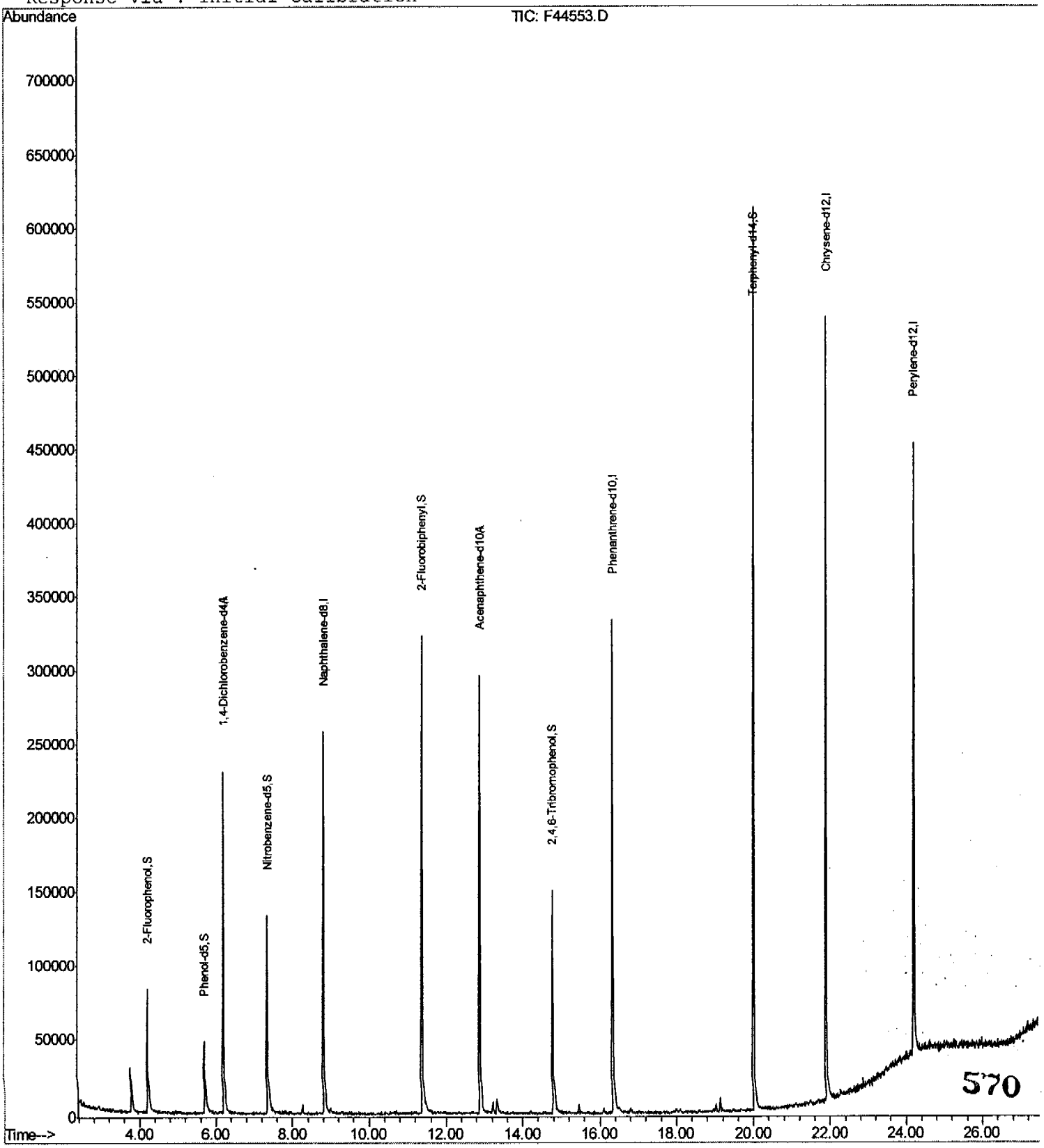
(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2404\F44553.D
Acq On : 18 Aug 2004 10:22 am
Sample : OP17687-MB1
Misc : OP17687,EF2404,1000
MS Integration Params: LSCINT.P
Quant Time: Aug 18 12:06 2004

Vial: 4
Operator: NINAP
Inst : MSF
Multiplr: 1.00
Quant Results File: MF2402.RES

Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Wed Aug 18 09:25:32 2004
Response via : Initial Calibration



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Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2403\F44530.D Vial: 8
Acq On : 17 Aug 2004 6:34 pm Operator: NINAP
Sample : OP17687-MS Inst : MSF
Misc : OP17687,EF2403,950 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 19:01:56 2004 Quant Results File: MF2402.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 16:17:39 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.22	152	34829	40.00 ppb	-0.01
25) Naphthalene-d8	8.84	136	135307	40.00 ppb	-0.01
48) Acenaphthene-d10	12.91	164	82774	40.00 ppb	-0.01
70) Phenanthrene-d10	16.38	188	179880	40.00 ppb	-0.01
85) Chrysene-d12	21.93	240	232342	40.00 ppb	-0.02
95) Perylene-d12	24.24	264	151986	40.00 ppb	-0.01
106) 1,4-Dichlorobenzene-d4A	6.22	152	34829	40.00 ppb	0.00
108) Acenaphthene-d10A	12.91	164	82774	40.00 ppb	-0.01
System Monitoring Compounds					
5) 2-Fluorophenol	4.23	112	34394	35.13 ppb	0.00
Spiked Amount 50.000			Recovery = 70.26%		
8) Phenol-d5	5.71	99	33109	24.93 ppb	-0.01
Spiked Amount 50.000			Recovery = 49.86%		
26) Nitrobenzene-d5	7.37	82	89747	52.79 ppb	-0.01
Spiked Amount 50.000			Recovery = 105.58%		
52) 2-Fluorobiphenyl	11.40	172	176546	56.60 ppb	-0.01
Spiked Amount 50.000			Recovery = 113.20%		
75) 2,4,6-Tribromophenol	14.81	330	32573	60.32 ppb	-0.02
Spiked Amount 50.000			Recovery = 120.64%		
88) Terphenyl-d14	20.04	244	309814	63.55 ppb	-0.02
Spiked Amount 50.000			Recovery = 127.10%		

Target Compounds					Qvalue
2) 1,4-Dioxane	2.42	88	14239	24.90 ppb	99
3) Pyridine	2.76	79	37700	28.55 ppb	92
4) N-Nitrosodimethylamine	2.72	42	28717	36.12 ppb	99
6) Indene	6.76	116	102738	49.21 ppb	98
7) Cumene	4.93	105	123976	41.55 ppb	99
9) Phenol	5.72	94	43162	28.69 ppb	82
10) Aniline	5.72	93	67897	41.83 ppb	97
11) bis(2-Chloroethyl)ether	5.82	93	59232	57.54 ppb	99
12) Benzaldehyde	5.47	105	39419	79.12 ppb	88
13) 2-Chlorophenol	5.91	128	62855	53.08 ppb	93
14) Decane	5.99	43	33552	40.45 ppb	93
15) 1,3-Dichlorobenzene	6.15	146	65157	47.78 ppb	98
16) 1,4-Dichlorobenzene	6.25	146	67035	47.35 ppb	90
17) Benzyl alcohol	6.56	108	37897	49.96 ppb	93
18) 1,2-Dichlorobenzene	6.61	146	65463	50.14 ppb	96
19) Acetophenone	7.07	105	103436	56.22 ppb	97
20) 2-Methylphenol	6.85	108	53700	51.87 ppb	99
21) 2,2'-oxybis(1-Chloropropan	6.86	121	22069	51.90 ppb	88
22) 3&4-Methylphenol	7.15	108	52745	47.19 ppb	95
23) n-Nitroso-di-n-propylamine	7.13	70	62898	57.88 ppb	97
24) Hexachloroethane	7.20	201	30126	45.35 ppb	88
27) Nitrobenzene	7.41	123	30529	56.16 ppb	92
28) Quinoline	9.66	129	143996	60.76 ppb	98
29) Isophorone	7.90	82	153802	57.71 ppb	99
30) 2-Nitrophenol	8.09	139	34113	51.21 ppb #	62
31) 2,4-Dimethylphenol	8.25	107	66064	44.85 ppb	97

(#) = qualifier out of range (m) = manual integration

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Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2403\F44530.D Vial: 8
Acq On : 17 Aug 2004 6:34 pm Operator: NINAP
Sample : OP17687-MS Inst : MSF
Misc : OP17687,EF2403,950 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 19:01:56 2004 Quant Results File: MF2402.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 16:17:39 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
32)	Benzoic acid	8.52	105	28809	29.02 ppb		92
33)	bis(2-Chloroethoxy)methane	8.44	93	78034	58.98 ppb		99
34)	2,4-Dichlorophenol	8.61	162	59918	57.05 ppb		98
36)	1,2,4-Trichlorobenzene	8.76	180	65849	49.44 ppb		94
38)	alpha-Terpineol	8.93	59	58347	57.14 ppb		95
39)	Naphthalene	8.88	128	192877	51.18 ppb		97
40)	4-Chloroaniline	9.11	127	77986	53.49 ppb		98
41)	2,3-Dichloroaniline	11.22	161	80073	57.72 ppb		98
42)	Caprolactam	9.83	55	6944	19.20 ppb		90
43)	Hexachlorobutadiene	9.32	225	58802	49.85 ppb		97
44)	4-Chloro-3-methylphenol	10.31	107	72180	60.53 ppb		94
45)	2-Methylnaphthalene	10.45	142	145260	57.30 ppb		95
46)	1-Methylnaphthalene	10.69	142	140268	54.16 ppb		99
47)	Dimethylnaphthalene	11.93	156	139489	55.95 ppb		96
49)	Hexachlorocyclopentadiene	11.00	237	123367	99.08 ppb		92
50)	2,4,6-Trichlorophenol	11.22	196	57743	61.11 ppb		96
51)	2,4,5-Trichlorophenol	11.32	196	61847	63.15 ppb		94
53)	2-Chloronaphthalene	11.57	162	147008	59.25 ppb		97
54)	Biphenyl	11.58	154	199455	57.21 ppb		98
55)	2-Nitroaniline	11.95	65	62021	62.46 ppb		93
56)	Dimethylphthalate	12.51	163	193353	64.27 ppb		100
57)	Acenaphthylene	12.54	152	220311	58.80 ppb		97
58)	2,6-Dinitrotoluene	12.63	165	42753	68.81 ppb		94
59)	3-Nitroaniline	12.95	138	37923	64.18 ppb		89
60)	Acenaphthene	12.98	153	153249	58.25 ppb		95
61)	2,4-Dinitrophenol	13.19	184	57475	116.24 ppb		86
62)	4-Nitrophenol	13.50	109	25248	33.83 ppb		91
63)	Dibenzofuran	13.37	168	230137	63.55 ppb		98
64)	2,4-Dinitrotoluene	13.55	165	61780	67.63 ppb		84
65)	2,3,4,6-Tetrachlorophenol	13.81	232	56866	58.81 ppb		99
66)	Diethylphthalate	14.20	149	236768	68.97 ppb		98
67)	Fluorene	14.18	166	198343	62.95 ppb		99
68)	4-Chlorophenyl-phenylether	14.24	204	106730	60.56 ppb		96
69)	4-Nitroaniline	14.41	138	41672	71.25 ppb		92
71)	4,6-Dinitro-2-methylphenol	14.51	198	41819	62.78 ppb	#	74
72)	Atrazine	15.98	200	51710	53.94 ppb		93
73)	n-Nitrosodiphenylamine	14.56	169	140030	61.44 ppb		99
74)	1,2-Diphenylhydrazine	14.61	77	253077	65.36 ppb		97
76)	4-Bromophenyl-phenylether	15.39	248	73031	62.75 ppb		99
77)	Hexachlorobenzene	15.68	284	76821	61.66 ppb		99
78)	Pentachlorophenol	16.15	266	46385	58.52 ppb		98
79)	Phenanthrene	16.42	178	312161	63.61 ppb		98
80)	Anthracene	16.53	178	319487	66.82 ppb		98
81)	Carbazole	16.99	167	280506	70.94 ppb		98
82)	Di-n-butylphthalate	18.09	149	364851	69.06 ppb		99
83)	Fluoranthene	19.17	202	398709	65.73 ppb		99
84)	Octadecane	16.37	57	89926	61.74 ppb		99
86)	Benzidine	19.54	184	26217	19.11 ppb		99
87)	Pyrene	19.61	202	420827	66.19 ppb		97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2403\F44530.D Vial: 8
Acq On : 17 Aug 2004 6:34 pm Operator: NINAP
Sample : OP17687-MS Inst : MSF
Misc : OP17687,EF2403,950 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 19:01:56 2004 Quant Results File: MF2402.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 16:17:39 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
89)	Butylbenzylphthalate	21.09	149	165813	68.67 ppb	93
91)	Benzo[a]anthracene	21.90	228	439931	65.52 ppb	99
92)	3,3'-Dichlorobenzidine	21.93	252	153610	71.67 ppb	98
93)	Chrysene	21.98	228	424662	65.71 ppb	99
94)	bis(2-Ethylhexyl)phthalate	22.19	149	239715	65.44 ppb	98
96)	Di-n-octylphthalate	23.18	149	378736	65.51 ppb	100
97)	Benzo[b]fluoranthene	23.66	252	420216	66.27 ppb	97
98)	Benzo[k]fluoranthene	23.70	252	479980	66.46 ppb	96
99)	Benzo[a]pyrene	24.15	252	387582	67.91 ppb	98
100)	Indeno[1,2,3-cd]pyrene	26.15	276	472260	68.27 ppb	97
101)	Dibenz(a,h)acridine	25.72	279	358787	69.02 ppb	98
102)	Dibenz[a,h]anthracene	26.18	278	406500	69.41 ppb	98
103)	7,12-Dimethylbenz(a)anthra	23.69	256	175332	49.82 ppb	96
105)	Benzo[g,h,i]perylene	26.69	276	386047	68.04 ppb	98
107)	Benzaldehyde	5.47	105	39419	47.92 ng	95
109)	1,2,4,5-tetrachlorobenzene	10.94	216	90152	57.50 ng	99

(#) = qualifier out of range (m) = manual integration

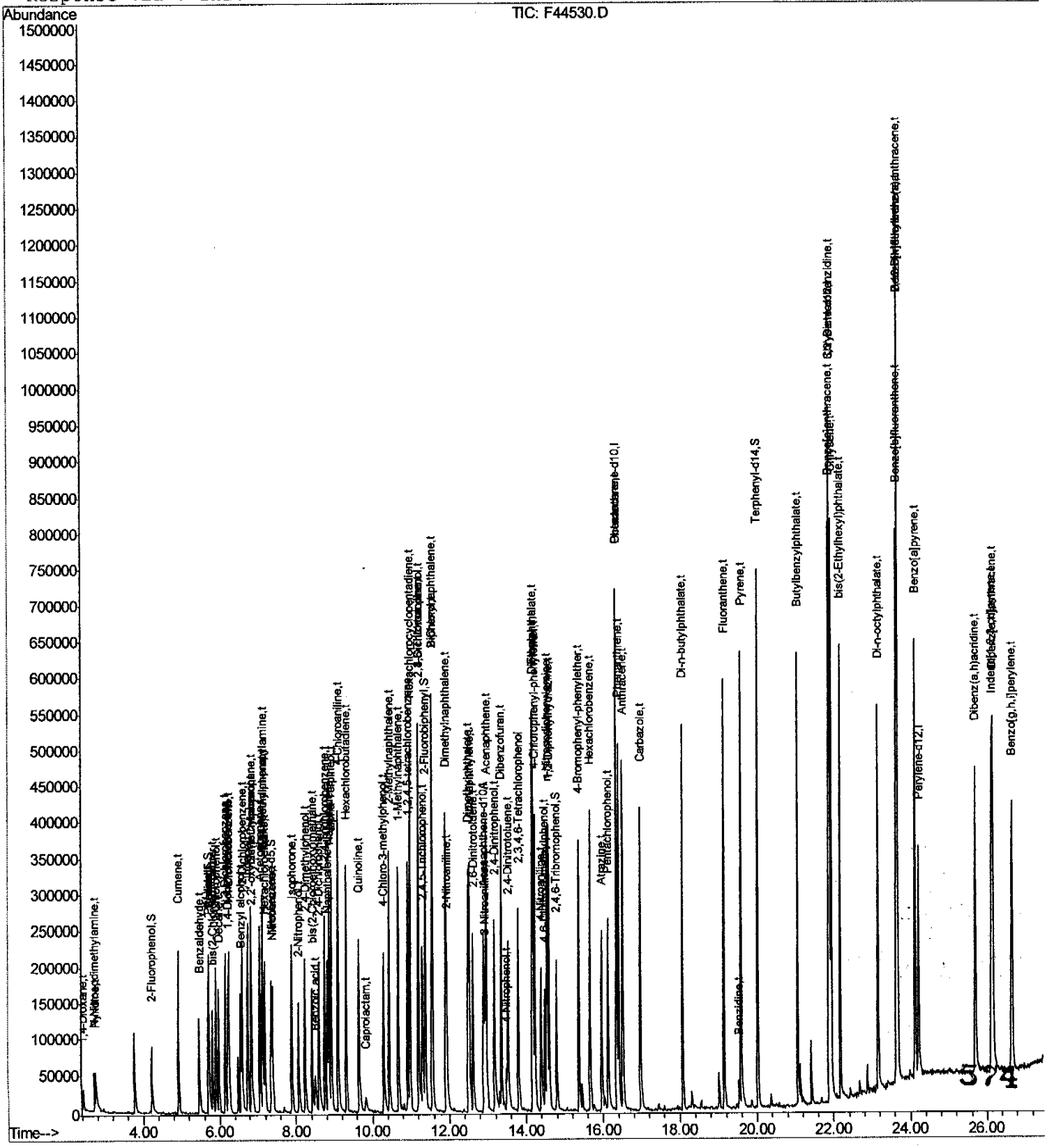
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2403\F44530.D
Acq On : 17 Aug 2004 6:34 pm
Sample : OP17687-MS
Misc : OP17687,EF2403,950
MS Integration Params: LSCINT.P
Quant Time: Aug 18 8:24 2004

Vial: 8
Operator: NINAP
Inst : MSF
Multiplr: 1.00

Quant Results File: MF2402.RES

Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 16:17:39 2004
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2403\F44527.D Vial: 5
Acq On : 17 Aug 2004 4:09 pm Operator: NINAP
Sample : OP17687-BS1 Inst : MSF
Misc : OP17687,EF2403,1000 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 16:36:55 2004 Quant Results File: MF2402.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 16:17:39 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.22	152	30997	40.00 ppb	-0.01
25) Naphthalene-d8	8.84	136	121374	40.00 ppb	-0.01
48) Acenaphthene-d10	12.91	164	77777	40.00 ppb	-0.01
70) Phenanthrene-d10	16.37	188	167207	40.00 ppb	-0.02
85) Chrysene-d12	21.93	240	217892	40.00 ppb	-0.02
95) Perylene-d12	24.23	264	141523	40.00 ppb	-0.02
106) 1,4-Dichlorobenzene-d4A	6.22	152	30997	40.00 ppb	0.00
108) Acenaphthene-d10A	12.91	164	77777	40.00 ppb	-0.01
System Monitoring Compounds					
5) 2-Fluorophenol	4.23	112	29038	33.33 ppb	0.00
Spiked Amount 50.000			Recovery = 66.66%		
8) Phenol-d5	5.71	99	25987	21.99 ppb	-0.01
Spiked Amount 50.000			Recovery = 43.98%		
26) Nitrobenzene-d5	7.37	82	79581	52.18 ppb	-0.01
Spiked Amount 50.000			Recovery = 104.36%		
52) 2-Fluorobiphenyl	11.40	172	154191	52.61 ppb	-0.01
Spiked Amount 50.000			Recovery = 105.22%		
75) 2,4,6-Tribromophenol	14.81	330	29771	59.31 ppb	-0.02
Spiked Amount 50.000			Recovery = 118.62%		
88) Terphenyl-d14	20.04	244	264983	57.96 ppb	-0.02
Spiked Amount 50.000			Recovery = 115.92%		

Target Compounds						Qvalue
2) 1,4-Dioxane	2.42	88	11042	21.69 ppb		93
3) Pyridine	2.75	79	33167	28.22 ppb		90
4) N-Nitrosodimethylamine	2.72	42	23864	33.73 ppb		92
6) Indene	6.76	116	86992	46.82 ppb		96
7) Cumene	4.93	105	103030	38.80 ppb		96
9) Phenol	5.73	94	34244	25.57 ppb		97
10) Aniline	5.72	93	58367	40.40 ppb		93
11) bis(2-Chloroethyl)ether	5.82	93	50551	55.18 ppb		98
12) Benzaldehyde	5.47	105	32599	73.52 ppb		88
13) 2-Chlorophenol	5.91	128	52351	49.68 ppb		98
14) Decane	5.99	43	27598	37.39 ppb		91
15) 1,3-Dichlorobenzene	6.15	146	53931	44.44 ppb		99
16) 1,4-Dichlorobenzene	6.25	146	56487	44.83 ppb		94
17) Benzyl alcohol	6.56	108	31800	47.11 ppb		94
18) 1,2-Dichlorobenzene	6.61	146	52830	45.47 ppb		96
19) Acetophenone	7.07	105	88375	53.97 ppb		96
20) 2-Methylphenol	6.84	108	45547	49.43 ppb		99
21) 2,2'-oxybis(1-Chloropropan	6.87	121	19622	51.85 ppb	#	71
22) 3&4-Methylphenol	7.15	108	46783	47.03 ppb		92
23) n-Nitroso-di-n-propylamine	7.14	70	53466	55.28 ppb		96
24) Hexachloroethane	7.20	201	25124	42.50 ppb		94
27) Nitrobenzene	7.41	123	27437	56.27 ppb		96
28) Quinoline	9.66	129	121091	56.96 ppb		99
29) Isophorone	7.90	82	133725	55.94 ppb		97
30) 2-Nitrophenol	8.09	139	28317	47.39 ppb	#	64
31) 2,4-Dimethylphenol	8.25	107	58557	44.32 ppb		94

(#) = qualifier out of range (m) = manual integration

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Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2403\F44527.D Vial: 5
Acq On : 17 Aug 2004 4:09 pm Operator: NINAP
Sample : OP17687-BS1 Inst : MSF
Misc : OP17687,EF2403,1000 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 16:36:55 2004 Quant Results File: MF2402.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 16:17:39 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
32)	Benzoic acid	8.51	105	19993	22.45 ppb		95
33)	bis(2-Chloroethoxy)methane	8.44	93	71595	60.32 ppb		97
34)	2,4-Dichlorophenol	8.61	162	52643	55.88 ppb		97
36)	1,2,4-Trichlorobenzene	8.76	180	55949	46.83 ppb		97
38)	alpha-Terpineol	8.93	59	49378	53.91 ppb		94
39)	Naphthalene	8.88	128	163975	48.51 ppb		98
40)	4-Chloroaniline	9.11	127	66989	51.22 ppb		95
41)	2,3-Dichloroaniline	11.22	161	68414	54.98 ppb		97
42)	Caprolactam	9.82	55	4882	15.05 ppb		77
43)	Hexachlorobutadiene	9.32	225	47787	45.16 ppb		99
44)	4-Chloro-3-methylphenol	10.31	107	61866	57.84 ppb	#	32
45)	2-Methylnaphthalene	10.46	142	120608	53.03 ppb		92
46)	1-Methylnaphthalene	10.70	142	113755	48.97 ppb		97
47)	Dimethylnaphthalene	11.93	156	116857	52.25 ppb		94
49)	Hexachlorocyclopentadiene	11.00	237	100395	86.44 ppb		96
50)	2,4,6-Trichlorophenol	11.22	196	49249	55.47 ppb		95
51)	2,4,5-Trichlorophenol	11.32	196	51686	56.17 ppb		90
53)	2-Chloronaphthalene	11.57	162	121429	52.09 ppb		98
54)	Biphenyl	11.58	154	169691	51.80 ppb		95
55)	2-Nitroaniline	11.95	65	50029	53.87 ppb		86
56)	Dimethylphthalate	12.50	163	167745	59.34 ppb		99
57)	Acenaphthylene	12.54	152	188392	53.51 ppb		99
58)	2,6-Dinitrotoluene	12.63	165	37219	63.75 ppb		96
59)	3-Nitroaniline	12.94	138	32703	58.90 ppb		97
60)	Acenaphthene	12.98	153	131226	53.08 ppb		95
61)	2,4-Dinitrophenol	13.19	184	48166	104.55 ppb		90
62)	4-Nitrophenol	13.51	109	19251	27.96 ppb		93
63)	Dibenzofuran	13.37	168	196325	57.69 ppb		97
64)	2,4-Dinitrotoluene	13.55	165	54845	63.89 ppb		89
65)	2,3,4,6-Tetrachlorophenol	13.82	232	50069	55.11 ppb		99
66)	Diethylphthalate	14.20	149	198057	61.40 ppb		99
67)	Fluorene	14.18	166	172153	58.15 ppb		98
68)	4-Chlorophenyl-phenylether	14.24	204	91404	55.20 ppb		98
69)	4-Nitroaniline	14.41	138	35110	63.89 ppb		88
71)	4,6-Dinitro-2-methylphenol	14.51	198	34825	56.24 ppb		91
72)	Atrazine	15.98	200	43996	49.37 ppb		97
73)	n-Nitrosodiphenylamine	14.56	169	118979	56.16 ppb		97
74)	1,2-Diphenylhydrazine	14.61	77	221091	61.42 ppb		97
76)	4-Bromophenyl-phenylether	15.38	248	62139	57.44 ppb		97
77)	Hexachlorobenzene	15.68	284	65740	56.77 ppb		96
78)	Pentachlorophenol	16.15	266	38708	52.54 ppb		98
79)	Phenanthrene	16.42	178	268390	58.83 ppb		99
80)	Anthracene	16.53	178	271091	60.99 ppb		98
81)	Carbazole	16.99	167	240399	65.40 ppb		99
82)	Di-n-butylphthalate	18.09	149	309954	63.11 ppb		99
83)	Fluoranthene	19.17	202	330959	58.69 ppb		98
84)	Octadecane	16.37	57	79911	59.02 ppb		97
86)	Benzidine	19.54	184	29485	22.91 ppb		98
87)	Pyrene	19.61	202	354059	59.38 ppb		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2403\F44527.D Vial: 5
Acq On : 17 Aug 2004 4:09 pm Operator: NINAP
Sample : OP17687-BS1 Inst : MSF
Misc : OP17687,EF2403,1000 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 16:36:55 2004 Quant Results File: MF2402.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 16:17:39 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
89)	Butylbenzylphthalate	21.09	149	142950	63.12	ppb	98
91)	Benzo[a]anthracene	21.90	228	372279	59.12	ppb	99
92)	3,3'-Dichlorobenzidine	21.94	252	121444	60.42	ppb	92
93)	Chrysene	21.98	228	370373	61.11	ppb	98
94)	bis(2-Ethylhexyl)phthalate	22.19	149	199367	58.13	ppb	98
96)	Di-n-octylphthalate	23.18	149	317557	59.22	ppb	99
97)	Benzo[b]fluoranthene	23.66	252	345753	58.56	ppb	98
98)	Benzo[k]fluoranthene	23.70	252	409428	60.88	ppb	99
99)	Benzo[a]pyrene	24.15	252	319274	60.08	ppb	99
100)	Indeno[1,2,3-cd]pyrene	26.15	276	402720	62.52	ppb	99
101)	Dibenz(a,h)acridine	25.72	279	291471	60.21	ppb	100
102)	Dibenz[a,h]anthracene	26.18	278	342746	62.85	ppb	99
103)	7,12-Dimethylbenz(a)anthra	23.69	256	146410	44.95	ppb	97
105)	Benzo[g,h,i]perylene	26.69	276	328981	62.27	ppb	98
107)	Benzaldehyde	5.47	105	32599	44.53	ng	95
109)	1,2,4,5-tetrachlorobenzene	10.94	216	76757	52.10	ng	97

(#) = qualifier out of range (m) = manual integration

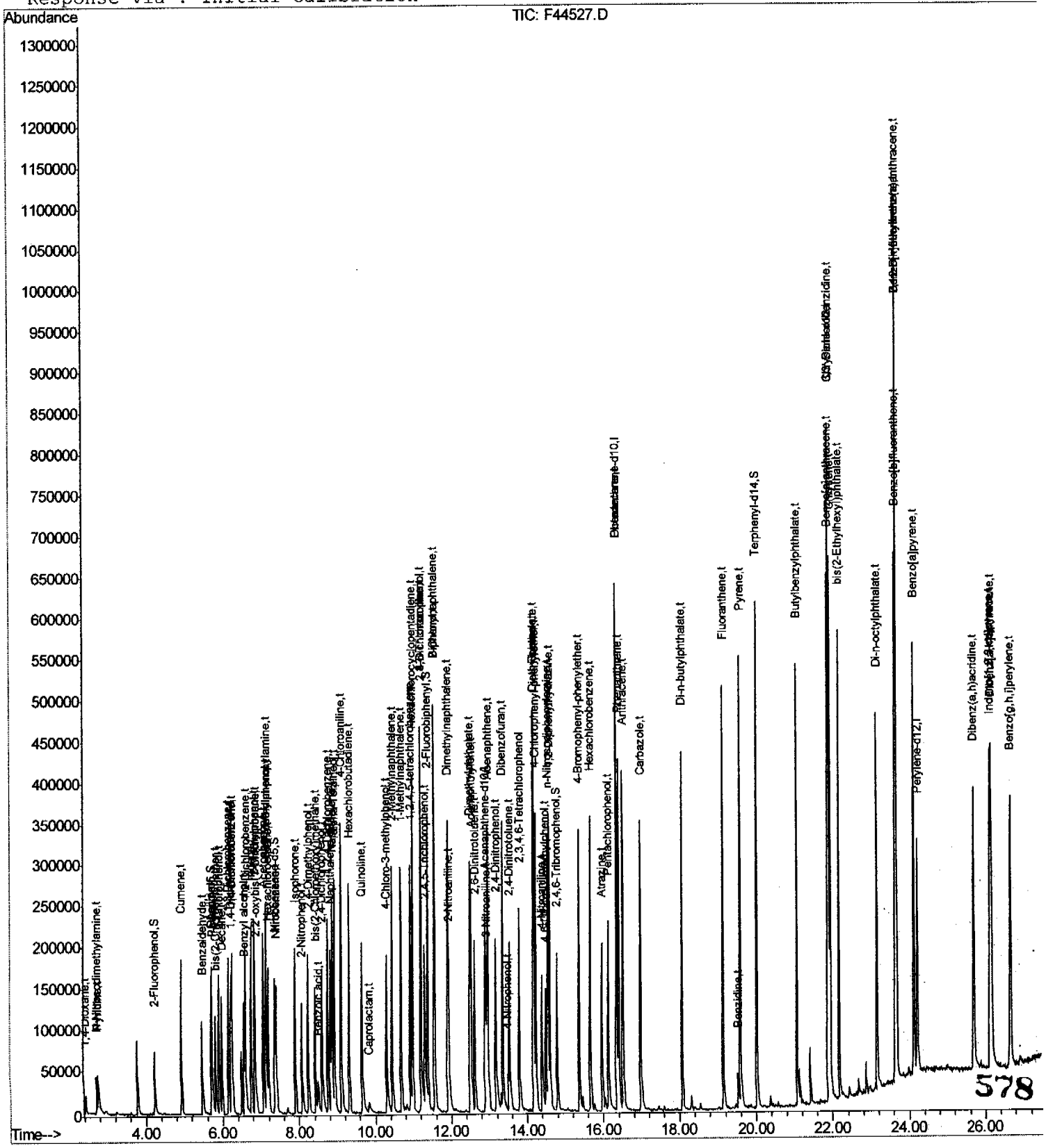
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2403\F44527.D
Acq On : 17 Aug 2004 4:09 pm
Sample : OP17687-BS1
Misc : OP17687,EF2403,1000
MS Integration Params: LSCINT.P
Quant Time: Aug 18 8:22 2004

Vial: 5
Operator: NINAP
Inst : MSF
Multiplr: 1.00

Quant Results File: MF2402.RES

Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 16:17:39 2004
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2403\F44531.D
Acq On : 17 Aug 2004 7:10 pm
Sample : OP17687-BSD
Misc : OP17687,EF2403,1000
MS Integration Params: LSCINT.P
Quant Time: Aug 17 19:38:11 2004

Vial: 9
Operator: NINAP
Inst : MSF
Multiplr: 1.00
Quant Results File: MF2402.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 16:17:39 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.22	152	35606	40.00 ppb	-0.01
25) Naphthalene-d8	8.84	136	137446	40.00 ppb	-0.01
48) Acenaphthene-d10	12.91	164	83205	40.00 ppb	-0.01
70) Phenanthrene-d10	16.38	188	163324	40.00 ppb	-0.01
85) Chrysene-d12	21.93	240	197840	40.00 ppb	-0.02
95) Perylene-d12	24.24	264	129768	40.00 ppb	-0.01
106) 1,4-Dichlorobenzene-d4A	6.22	152	35606	40.00 ppb	0.00
108) Acenaphthene-d10A	12.91	164	83205	40.00 ppb	-0.01
System Monitoring Compounds					
5) 2-Fluorophenol	4.23	112	36177	36.14 ppb	0.00
Spiked Amount 50.000			Recovery = 72.28%		
8) Phenol-d5	5.71	99	35449	26.11 ppb	-0.01
Spiked Amount 50.000			Recovery = 52.22%		
26) Nitrobenzene-d5	7.37	82	87089	50.43 ppb	-0.01
Spiked Amount 50.000			Recovery = 100.86%		
52) 2-Fluorobiphenyl	11.39	172	157665	50.29 ppb	-0.02
Spiked Amount 50.000			Recovery = 100.58%		
75) 2,4,6-Tribromophenol	14.80	330	30080	61.35 ppb	-0.02
Spiked Amount 50.000			Recovery = 122.70%		
88) Terphenyl-d14	20.04	244	260126	62.67 ppb	-0.01
Spiked Amount 50.000			Recovery = 125.34%		

Target Compounds						Qvalue
2) 1,4-Dioxane	2.43	88	20752	35.49 ppb		87
3) Pyridine	2.75	79	43731	32.39 ppb		96
4) N-Nitrosodimethylamine	2.72	42	30492	37.52 ppb		92
6) Indene	6.75	116	96032	44.99 ppb		97
7) Cumene	4.93	105	115945	38.01 ppb		96
9) Phenol	5.73	94	43275	28.14 ppb		98
10) Aniline	5.72	93	69930	42.14 ppb		99
11) bis(2-Chloroethyl)ether	5.82	93	56140	53.35 ppb		91
12) Benzaldehyde	5.47	105	37065	72.77 ppb	#	82
13) 2-Chlorophenol	5.91	128	60081	49.63 ppb		96
14) Decane	5.99	43	31986	37.72 ppb		87
15) 1,3-Dichlorobenzene	6.15	146	58765	42.15 ppb		93
16) 1,4-Dichlorobenzene	6.25	146	62325	43.06 ppb		90
17) Benzyl alcohol	6.56	108	41002	52.87 ppb		86
18) 1,2-Dichlorobenzene	6.61	146	59860	44.85 ppb		90
19) Acetophenone	7.07	105	96913	51.52 ppb		96
20) 2-Methylphenol	6.85	108	53115	50.18 ppb		98
21) 2,2'-oxybis(1-Chloropropan	6.86	121	21336	49.08 ppb	#	74
22) 3&4-Methylphenol	7.14	108	53463	46.79 ppb		95
23) n-Nitroso-di-n-propylamine	7.13	70	59607	53.65 ppb		99
24) Hexachloroethane	7.20	201	27196	40.05 ppb		99
27) Nitrobenzene	7.41	123	29615	53.63 ppb		90
28) Quinoline	9.66	129	140174	58.23 ppb		96
29) Isophorone	7.90	82	146680	54.18 ppb		98
30) 2-Nitrophenol	8.08	139	31734	46.90 ppb	#	61
31) 2,4-Dimethylphenol	8.25	107	62114	41.51 ppb		95

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2403\F44531.D Vial: 9
Acq On : 17 Aug 2004 7:10 pm Operator: NINAP
Sample : OP17687-BSD Inst : MSF
Misc : OP17687,EF2403,1000 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Aug 17 19:38:11 2004 Quant Results File: MF2402.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 16:17:39 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
32)	Benzoic acid	8.52	105	24701	24.49 ppb		94
33)	bis(2-Chloroethoxy)methane	8.44	93	75824	56.42 ppb		94
34)	2,4-Dichlorophenol	8.61	162	56049	52.54 ppb		93
36)	1,2,4-Trichlorobenzene	8.76	180	60102	44.42 ppb		89
38)	alpha-Terpineol	8.93	59	54105	52.16 ppb		97
39)	Naphthalene	8.88	128	172674	45.11 ppb		99
40)	4-Chloroaniline	9.11	127	75790	51.17 ppb		97
41)	2,3-Dichloroaniline	11.22	161	74668	52.99 ppb		99
42)	Caprolactam	9.83	55	6162	16.77 ppb		93
43)	Hexachlorobutadiene	9.32	225	52003	43.40 ppb		98
44)	4-Chloro-3-methylphenol	10.31	107	67660	55.86 ppb		100
45)	2-Methylnaphthalene	10.45	142	127155	49.38 ppb		99
46)	1-Methylnaphthalene	10.70	142	124394	47.28 ppb		97
47)	Dimethylnaphthalene	11.93	156	119905	47.35 ppb		92
49)	Hexachlorocyclopentadiene	11.00	237	100723	81.35 ppb		99
50)	2,4,6-Trichlorophenol	11.22	196	53616	56.45 ppb		97
51)	2,4,5-Trichlorophenol	11.32	196	54863	55.73 ppb		92
53)	2-Chloronaphthalene	11.56	162	127360	51.07 ppb		94
54)	Biphenyl	11.58	154	175086	49.96 ppb		97
55)	2-Nitroaniline	11.95	65	57110	57.37 ppb		98
56)	Dimethylphthalate	12.50	163	175266	57.96 ppb		98
57)	Acenaphthylene	12.54	152	190318	50.53 ppb		95
58)	2,6-Dinitrotoluene	12.63	165	39357	63.01 ppb		94
59)	3-Nitroaniline	12.95	138	34309	57.77 ppb		96
60)	Acenaphthene	12.98	153	136218	51.51 ppb		94
61)	2,4-Dinitrophenol	13.19	184	49499	100.75 ppb		81
62)	4-Nitrophenol	13.51	109	20715	28.11 ppb		99
63)	Dibenzofuran	13.37	168	203105	55.79 ppb		94
64)	2,4-Dinitrotoluene	13.55	165	56780	61.83 ppb		98
65)	2,3,4,6-Tetrachlorophenol	13.82	232	50872	52.34 ppb		98
66)	Diethylphthalate	14.20	149	205588	59.58 ppb		99
67)	Fluorene	14.18	166	178352	56.31 ppb		92
68)	4-Chlorophenyl-phenylether	14.24	204	94452	53.32 ppb		99
69)	4-Nitroaniline	14.40	138	35831	60.95 ppb		95
71)	4,6-Dinitro-2-methylphenol	14.50	198	35411	58.54 ppb	#	73
72)	Atrazine	15.98	200	45015	51.71 ppb		93
73)	n-Nitrosodiphenylamine	14.56	169	123698	59.78 ppb		97
74)	1,2-Diphenylhydrazine	14.61	77	221294	62.94 ppb		99
76)	4-Bromophenyl-phenylether	15.39	248	62468	59.12 ppb		94
77)	Hexachlorobenzene	15.68	284	66075	58.41 ppb		99
78)	Pentachlorophenol	16.14	266	37739	52.44 ppb		99
79)	Phenanthrene	16.42	178	269097	60.39 ppb		99
80)	Anthracene	16.53	178	271556	62.55 ppb		100
81)	Carbazole	16.99	167	242836	67.64 ppb		96
82)	Di-n-butylphthalate	18.09	149	303064	63.18 ppb		99
83)	Fluoranthene	19.16	202	334355	60.71 ppb		100
84)	Octadecane	16.37	57	81223	61.42 ppb		95
86)	Benzidine	19.54	184	28355	24.27 ppb		99
87)	Pyrene	19.61	202	355585	65.68 ppb		99

(#) = qualifier out of range (m) = manual integration

580

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2403\F44531.D
Acq On : 17 Aug 2004 7:10 pm
Sample : OP17687-BSD
Misc : OP17687,EF2403,1000
MS Integration Params: LSCINT.P
Quant Time: Aug 17 19:38:11 2004

Vial: 9
Operator: NINAP
Inst : MSF
Multiplr: 1.00

Quant Results File: MF2402.RES

Quant Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 16:17:39 2004
Response via : Initial Calibration
DataAcq Meth : MF2402

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
89)	Butylbenzylphthalate	21.09	149	140726	68.44 ppb	98
91)	Benzo[a]anthracene	21.90	228	361730	63.27 ppb	99
92)	3,3'-Dichlorobenzidine	21.93	252	118052	64.68 ppb	100
93)	Chrysene	21.97	228	360125	65.44 ppb	99
94)	bis(2-Ethylhexyl)phthalate	22.19	149	191377	61.41 ppb	99
96)	Di-n-octylphthalate	23.18	149	302713	61.47 ppb	100
97)	Benzo[b]fluoranthene	23.66	252	349977	64.64 ppb	98
98)	Benzo[k]fluoranthene	23.70	252	374909	60.79 ppb	100
99)	Benzo[a]pyrene	24.14	252	308103	63.23 ppb	99
100)	Indeno[1,2,3-cd]pyrene	26.15	276	387641	65.63 ppb	97
101)	Dibenz(a,h)acridine	25.71	279	288862	65.08 ppb	98
102)	Dibenz[a,h]anthracene	26.18	278	325759	65.15 ppb	96
103)	7,12-Dimethylbenz(a)anthra	23.69	256	135817	45.45 ppb	95
105)	Benzo[g,h,i]perylene	26.69	276	317109	65.46 ppb	95
107)	Benzaldehyde	5.47	105	37065	44.08 ng	94
109)	1,2,4,5-tetrachlorobenzene	10.94	216	79586	50.50 ng	99

(#) = qualifier out of range (m) = manual integration

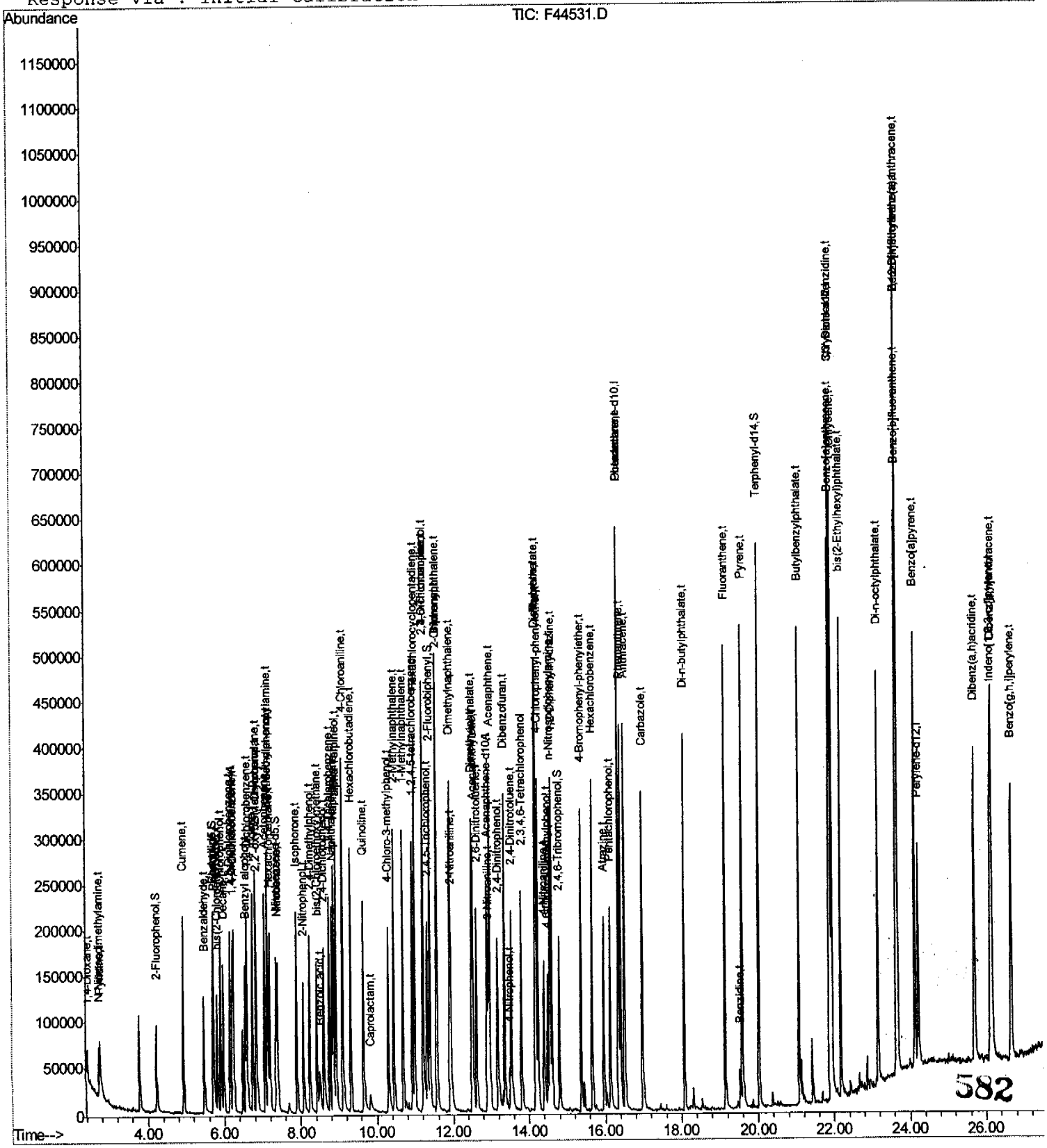
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\EF2403\F44531.D
Acq On : 17 Aug 2004 7:10 pm
Sample : OP17687-BSD
Misc : OP17687,EF2403,1000
MS Integration Params: LSCINT.P
Quant Time: Aug 18 8:25 2004

Vial: 9
Operator: NINAP
Inst : MSF
Multiplr: 1.00

Quant Results File: MF2402.RES

Method : C:\MSDCHEM\1\METHODS\MF2402.M (RTE Integrator)
Title : Semi Volatile Extractables by GC/MS
Last Update : Tue Aug 17 16:17:39 2004
Response via : Initial Calibration



ACCUTEST.

SEMI-VOLATILE ANALYSIS LOG

Batch ID: EF2402

Date: 8/16/04

Analyst Signature: [illegible]

Columns: GC/MS

Method: 8270/625

Initial Cal. Method: MF2402 / MF2390 / MF2403 (Benzal [illegible])

Injection Volume: 1 ul

Standard Data

Lot #	Description	Conc.
41-050A	BNA-100 / BNA 4	.088 → 400
B	80	80
C	50	50
D	25	25
E	10	10
F	5	5

Standard Data

Lot #	Description	Conc.
41-058	DI-TPP	25 ng/ul
A21E70	Mec/2-TTR	
U1863	IS	400 ng/ul
41-050G	BNA	2 ng/ul
OP10-027	BNA 2nd	5 ng/ul
OP10-063	Same	

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with criteria of Accutest SOP EQA044.

Supervisor Signature: [illegible] Date: [illegible]

R	Data File	Sample ID	Ext. Batch	Test	MTX	ALS #	Dilution	L+	IS	SU	Status (Data)	Comments
	F44504	DI-TPP				1					OK	1:51 PM
	05	IC2402-50 (MF2390)		(regular 8270/625)		2					OK	
	06	IC2402-100				3			✓	-	OK	
	07	IC2402-80				4			✓	-	OK	
	08	-25				5			✓	-	OK	
	09	-10				6			✓	-	OK	
	10	-5				7			✓	-	OK	
	11	-2				8			✓	-	OK	
	12	LCS2402-50				9			✓	-	OK	
	13	IC C2403-50		Benzaldehyde 1,2,4,5-tetrachloro benzene		10			✓	-	OK	
	14	-100				11			✓	-	OK	
	15	-80				12			✓	-	OK	
	16	-25				13			✓	-	OK	
	17	-10				14			✓	-	OK	
	18	-5				15			✓	-	OK	
	19	-2				16			✓	-	OK	
	20	N74708-1	17679-1	BBP2	W	17			✓	✓	OK	
	21	-4				18			✓	✓	OK	
						19			✓	✓	OK	1:56 am

MTX = Matrix Designation W for water, S for soil, O for oil. LF =Library Search. IS = Internal Standard Area. SU = Surrogate.
Sample volume/weight used and final volumes refer to extraction log.

OK 22 OP17679-MB1

Form: OR015-04

ACCUTEST.

SEMI-VOLATILE ANALYSIS LOG

Batch ID: EF2403

Date: 8/17/04

Analyst Signature: [illegible]

Standard Data

Lot #	Description	Conc.

Standard Data

Lot #	Description	Conc.
41-058	DFTPP	25 ng/ul
A21670	Meth TTB	
V7883	IS	2000 ng/ul
41-060 C	BNA	50 ng/ul
41-088 C	BNA	50 ng/ul

Columns: Zb/ms

Method 8270/625

Initial Cal. Method MF2402

Injection Volume: 1 ul

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with criteria of Accutest SOP EQA044.

Supervisor Signature: [illegible] Date: [illegible]

R	Data File	Sample ID	Ext. Batch	Test	MTX	ALS #	Dilution.	L+	IS	SU	Status (Data)	Comments
	F44523	DFTPP				1					ok	2:05 PM
	24	CC2402-50				2					ok	
	25	-50		1,2,4,5-tetrachlorobenzene		3					ok	
	26	OP17687-MB1	17687-1	ABN	W	4			✓	1/2	~~NG~~	RR for SS
	27	-BS1	↓	↓		5			✓	✓	ok	
	28	OP17679-BS1	17679-1	ABN		6			✓	✓	ok	
	29	N74646-1	17687-1	AST2242		7			✓	✓	ok	
	30	OP17687-MS		ABN		8			✓	✓	ok	
	31	~~-BSD~~		↓		9			✓	✓	ok	
	32	N74646-2		AST2242 + 1,2,4,5 tetrachlorobenzene		10			✓	✓	ok	
	33	-3				11			✓	✓	ok	
	34	-4				12			✓	✓	ok	
	35	-5				13			✓	✓	ok	
	36	-6				14			✓	✓	ok	
	37	-8				15			✓	✓	ok	
	38	-9				16			✓	✓	ok	
	39	-10				17			✓	✓	ok	
	40	-11				18			✓	✓	ok	

MTX = Matrix. Designate W for water, S for soil, O for oil. L+ = Library Search. IS = Internal Standard Area. SU = Surrogate.
Sample volume/weight used and final volumes refer to extraction log.

ACCUTEST.

SEMI-VOLATILE ANALYSIS LOG

Batch ID: EF2403Lext

Date: 8/17/04

Analyst Signature: [illegible]

Standard Data

Lot #	Description	Conc.

Standard Data

Lot #	Description	Conc.
	Same as IS # 171	

Columns: 26 /ms

Method 8270 /625

Initial Cal. Method MF2403

Injection Volume: 1 ul

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with t criteria of Accutest SOP EQA044.

Supervisor Signature: [illegible] Date: [illegible]

R	Data File	Sample ID	Ext. Batch	Test	MTX	ALS #	Dilution	L+	IS	SU	Status (Data)	Comments
	F44541	N74646-12	17687-1			19			/	/	ok	
	42	-13				20			/	/	ok	
	43	N73998 1				21	2/DL		—	—	—	Cut from the sequence
	44	N74961-1	17679-2 (ext)	BDZE	W	22			/	/	ok	
	45	N74955-1		BPPZ		23		+	/	/	ok	
	46	-3				24		+	/	/	ok	
	47	-4				25		+	/	/	ok	
	48	N74826-1		ABPPL		26	10/DL		/	/	ok	Need 1:1000
	49	-1				27	100/DL				not dilute enough	

585

MTX = Matrix . Designate W for water, S for soil, O for oil. L+ =Library Search. IS = Internal Standard Area. SU = Surrogate.
Sample volume/weight used and final volumes refer to extraction log.

ACCUTEST.

SEMI-VOLATILE ANALYSIS LOG

Batch ID: EF2404

Date: 8/18/04

Analyst Signature: [illegible]

Standard Data

Lot #	Description	Conc.

Standard Data

Lot #	Description	Conc.
41-05	DFTPP	25 ng/µl
A21270	Mix JIB	
U1883	IS	1000 ng/µl
41-080D	BNA	25 ng/µl
41-088C	↓	50 ng/µl

Columns: ZB/MS

Method: 8270/625

Initial Cal. Method: MF2402

Injection Volume: 1 µl

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with t criteria of Accutest SOP EQA044.

Supervisor Signature: [illegible] Date: [illegible]

R	Data File	Sample ID	Ext. Batch	Test	MTX	ALS #	Dilution.	L+	IS	SU	Status (Data)	Comments
	F44550	DFTPP				1					ok	8:45 am
	51	CC2402-25				2					ok	
	52	CC2402-50	1,2,4,5-tetra			3					ok	
	53	OP17687-MB1	17687-1	ABN	W	4			✓	✓	ok	
	54	OP17702-MB1	17702-1	ABN	W	5			✓	✓	ok	
	55	-BS1		↓		6			✓	✓	ok	
	56	N74914-1		ABN CL42		7			✓	✓	ok	
	57	-2		1,4 Dioxane 1,2,4,5 tetra-chlorobenzene		8			✓	✓	ok	
	58	-3				9			✓	✓	ok	
	59	-4				10			✓	✓	ok	
	60	-5				11			✓	✓	ok	
	61	-6				12			✓	✓	ok	
	62	-7				13			✓	✓	ok	
	63	-9 [illegible]				14			✓	✓	ok	
	64	-10				15			✓	✓	ok	
	65	-11				16			✓	✓	ok	
	66	-12				17			✓	✓	ok	
	67	-13				18			✓	✓	ok	

MTX = Matrix. Designate W for water, S for soil, O for oil. L+ = Library Search. IS = Internal Standard Area. SU = Surrogate.
Sample volume/weight used and final volumes refer to extraction log.

ACCUTEST.

SEMI-VOLATILE ANALYSIS LOG

Batch ID: E F2404 Cont

Date: 8/18/04

Analyst Signature: [illegible]

Standard Data

Lot #	Description	Conc.

Standard Data

Lot #	Description	Conc.
	Same as Pg #	175

Columns: 2b/ms

Method 8270/625

Initial Cal. Method MF2402

Injection Volume: 1 ul

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with t criteria of Accutest SOP EQA044.

Supervisor Signature: [illegible]

Date: [illegible]

R	Data File	Sample ID	Ext. Batch	Test	MTX	ALS #	Dilution	L+	IS	SU	Status (Data)	Comments
	F44568	N74914-14	17702-1	ABS242	W	19			✓	✓	ok	
	69	-15				20			✓	✓	ok	8:05 PM
	70	OP17679-MB4	17679-4 (625)	ABS (625)	W	21		+	✓	✓	ok	
	71	-BS4				22			✓	✓	ok	
	72	N75170-1		ABP02+		23		+	✓	✓	ok	
	73	N74826-1	17679-2			24	1000/D2		✓	✓	ok	
	74	OP17679-MB2	17679-2	ABS		25		+	✓	✓	ok	ran after F44571
	75	N74804-3A		ABS22		26	CF		✓	✓	ok	CF for Phenol

[illegible] 08/19/04

MTX = Matrix . Designate W for water, S for soil, O for oil. L+ =Library Search. IS = Internal Standard Area. SU = Surrogate.
Sample volume/weight used and final volumes refer to extraction log.

ACCUTEST.

LIQUID/LIQUID EXTRACTION

BATCH #	RACK#
MW176A7-1	M-106

Separatory Funnel / **Continuous Liquid Liquid**

EXTRACT METHOD (circle one) SW846 3510C / EPA 600 series / EPA 500 series / CLP / other _____ SW846 3520C / CLP / other _____

EXTRACTION DATE: 8/11/04 ANALYST: ATH/RL/LK METHOD: 8270 Water Bath Temp(C) 42° Nitrogen Evap Temp(C) ✓

Supervisor Review
Signature
Date 8/11/04

Sample #	Sample Bottle #	Analysis Type	Sample Description	Sample Vol (ml) Oil Wt. (g)	pH Adjust (ml) >11 NaOH	pH Adjust (ml) <2 H2SO4	Final Extract Vol(ml)	Final Extract Color	Extract Cleanup GPC	Extract Cleanup H2SO4	Extract Cleanup Cu	Extract Cleanup Florisil		Comments
MB		AB	DI H2O	1000	4	1	1	clear						
BS		↓	↓	1000	4	1	1	yellow						
BSD ~~MS~~				1000	4	1	1	yellow						
N74646-1 MS ~~MSD~~	2			950	4	1	1	yellow						
~~BS~~														
~~MS~~														
~~MSD~~														8/16
N74646-1	1	AB	Clear	960	4	1	1	clear						ABC 42
-2	2	↓	↓	940	4	1	1	↓						
-3	2			900	4	1	1							
-4	2			940	4	1	1							
-5	1			900	4	1	1							
-6	2			940	4	1	1							
-8	2			940	4	1	1							
-9	6			980	4	1	1							
-10	6			910	4	1	1							
-11	6			910	4	1	1							
-12	4			940	4	1	1							
-13	6	↓	↓	900	4	1	1	↓						

SURROGATE SPIKE DATA

	LOT #	CONC. (PPM)	AMT ADDED (ML)
BASE ✓	0710002	100	0.5
ACID ✓	0710090	100	0.5
~~PPCB~~			
~~HERB~~			

WITNESS SIGN: ✓

MATRIX SPIKE DATA

	LOT #	CONC.	AMT ADDED (ML)
BASE ✓	0710095	100	0.5
ACID ✓	0710094	100	0.5
~~PPBT~~			
~~PCB~~			
~~HERB~~			
1,2,3,4 Tetrachlorobenzene	0711021	100	0.5

WITNESS SIGN: ✓

SOLVENT DATA

	LOT #	BRAND	AMT X/ML
METH CHLOR	A218270	Baker	6X60
HEXANE			
ACETONE			
ETH ETHER			

REAGENT/FILTER MEDIA

	LOT #	BRAND
SODIUM SULF	552412	EMD
FILTER PAPER	S1579112	Fisher
1:1 H2SO4	3125	VWR
10N NAOH	4025	VWR
COPPER		

988

New Jersey
ACCUTEST.
Laboratories

08/30/04

Technical Report for

ENSR Consulting & Engineering

Former Camp Butner, NC

09090-068

Accutest Job Number: N74646

Sampling Dates: 08/09/04 - 08/10/04

Report to:

ENSR Consulting & Engineering
2 Technology Park Drive
Westford, MA 01886

ATTN: Debbie McGrath

Total number of pages in report: 2069

Volume: 4 of 4

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, MA, MD, NC, PA, RI, SC, VA

This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories.

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: N74646
Account: ENSRMAA - ENSR Consulting & Engineering
Project: Former Camp Butner, NC

File ID: IT0816M2.ASC Date Analyzed: 08/16/04 Methods: EPA 200.7, SW846 6010B
Analyst: ND Run ID: MA14293
Parameters: Sb

Time	Sample Description	Dilution Factor	PS Recov	Comments
15:07	N75070-4	1		(sample used for QC only; not part of login N74646)
15:15	ZZZZZZ	1		
15:22	ZZZZZZ	1		
15:30	MA14293-CCV4	1		
15:43	MA14293-CCB4	1		
15:51	ZZZZZZ	1		
16:06	ZZZZZZ	1		
16:14	ZZZZZZ	1		
16:21	ZZZZZZ	2		
16:30	N73864-1	5		(sample used for QC only; not part of login N74646)
16:48	MA14293-CRIB2	1		
17:04	MA14293-ICSA2	1		
17:12	MA14293-ICSAB2	1		
17:19	MA14293-CCV5	1		
17:27	MA14293-CCB5	1		
17:41	MP26693-MB1	1		
17:49	MP26693-LC1	1		
17:57	MP26693-S1	1		
18:04	MP26693-S2	1		
18:12	N73906-1	1		(sample used for QC only; not part of login N74646)
18:19	MP26693-SD1	5		
18:27	MP26693-MB3	1		
18:35	MP26693-LC3	1		
18:42	ZZZZZZ	1		
18:50	ZZZZZZ	1		
18:57	MA14293-CCV6	1		
19:05	MA14293-CCB6	1		
19:13	ZZZZZZ	1		
19:20	ZZZZZZ	1		
19:28	ZZZZZZ	1		
19:35	ZZZZZZ	1		
19:43	ZZZZZZ	1		
19:51	MP26791-S2	1		To reanalysis for Tl, ICSA out.

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: N74646
Account: ENSRMAA - ENSR Consulting & Engineering
Project: Former Camp Butner, NC

File ID: IT0816M2.ASC Date Analyzed: 08/16/04 Methods: EPA 200.7, SW846 6010B
Analyst: ND Run ID: MA14293
Parameters: Sb

Time	Sample Description	Dilution Factor	PS Recov	Comments
19:58	MP26791-SD1	5		To reanalysis for Tl, ICSA out.
20:06	ZZZZZZ	1		
20:13	ZZZZZZ	1		
20:21	ZZZZZZ	1		
20:29	MA14293-CCV7	1		
20:36	MA14293-CCB7	1		
20:44	ZZZZZZ	1		
20:51	MP26785-MB1	1		To reanalysis, ICSA out.
20:59	MP26785-LC1	1		To reanalysis, ICSA out.
21:07	MP26785-S1	1		To reanalysis, ICSA out.
21:14	MP26785-S2	1		To reanalysis, ICSA out.
21:22	N74479-7	1		(sample used for QC only; not part of login N74646)
21:29	MP26785-SD1	5		To reanalysis, ICSA out.
21:37	ZZZZZZ	1		
21:45	ZZZZZZ	1		
21:52	ZZZZZZ	1		
22:00	MA14293-CCV8	1		
22:07	MA14293-CCB8	1		
22:15	ZZZZZZ	1		
22:23	ZZZZZZ	1		
22:30	ZZZZZZ	1		To reanalysis, ICSA out.
22:38	ZZZZZZ	1		
22:45	ZZZZZZ	1		
22:53	ZZZZZZ	1		
23:01	MP26767-LC1	1		
23:08	MP26767-S1	1		
23:16	MP26767-S2	1		
23:23	N74646-2	1		
23:31	MA14293-CCV9	1		
23:39	MA14293-CCB9	1		
23:46	MP26767-SD1	5		
23:54	N74646-6	1		
00:02	N74646-9	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: N74646
Account: ENSRMAA - ENSR Consulting & Engineering
Project: Former Camp Butner, NC

File ID: IT0816M2.ASC Date Analyzed: 08/16/04 Methods: EPA 200.7, SW846 6010B
Analyst: ND Run ID: MA14293
Parameters: Sb

Time	Sample Description	Dilution Factor	PS Recov	Comments
00:09	N74646-4F	1		
00:17	ZZZZZZ	1		
00:24	MP26793-MB1	1		
00:32	MA14293-CRIB3	1		
00:40	MA14293-ICSA3	1		
00:47	MA14293-ICSAB3	1		
00:55	MA14293-CCV10	1		
01:02	MA14293-CCB10	1		
01:10	MP26793-LC1	1		
01:18	MP26793-S1	1		
01:25	MP26793-S2	1		
01:33	N74586-6F	1		(sample used for QC only; not part of login N74646)
01:40	MP26793-SD1	5		
01:48	ZZZZZZ	1		
01:56	ZZZZZZ	1		
02:03	ZZZZZZ	1		
02:11	ZZZZZZ	1		
02:18	ZZZZZZ	1		
02:26	MA14293-CCV11	1		
02:34	MA14293-CCB11	1		
02:41	ZZZZZZ	1		
02:49	ZZZZZZ	1		
02:57	ZZZZZZ	1		
03:04	ZZZZZZ	1		
03:12	ZZZZZZ	1		
03:19	ZZZZZZ	1		
03:27	ZZZZZZ	1		
03:35	ZZZZZZ	1		
03:42	ZZZZZZ	1		
03:50	ZZZZZZ	1		
03:57	MA14293-CCV12	1		
04:05	MA14293-CCB12	1		
04:13	ZZZZZZ	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: N74646
Account: ENSRMAA - ENSR Consulting & Engineering
Project: Former Camp Butner, NC

File ID: IT0816M2.ASC Date Analyzed: 08/16/04 Methods: EPA 200.7, SW846 6010B
Analyst: ND Run ID: MA14293
Parameters: Sb

Time	Sample Description	Dilution Factor	PS Recov	Comments
04:20	ZZZZZZ	1		
04:28	ZZZZZZ	1		
04:35	ZZZZZZ	1		
04:43	MP26726-S1	5		
04:51	MP26726-S2	5		
04:58	MP26726-SD1	25		
05:06	MP26772-MB3	1		
05:13	MP26772-LC2	1		
05:21	ZZZZZZ	1		
05:29	MA14293-CCV13	1		
05:36	MA14293-CCB13	1		
05:44	ZZZZZZ	1		
05:52	ZZZZZZ	1		
05:59	ZZZZZZ	1		
06:07	ZZZZZZ	1		
06:14	ZZZZZZ	1		
06:22	ZZZZZZ	1		
06:30	ZZZZZZ	1		
06:37	ZZZZZZ	1		
06:45	ZZZZZZ	1		
06:53	ZZZZZZ	1		
07:00	MA14293-CCV14	1		
07:24	MA14293-CCB14	1		
07:35	ZZZZZZ	1		
07:42	ZZZZZZ	1		
07:50	ZZZZZZ	1		
07:59	MP26791-MB1	1		Pb and Zn.
08:07	MA14293-CRIB4	1		
08:21	MA14293-ICSA4	1		
08:29	MA14293-ICSAB4	1		
08:36	MA14293-CCV15	1		
08:44	MA14293-CCB15	1		
08:54	N74646-11	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: N74646
Account: ENSRMAA - ENSR Consulting & Engineering
Project: Former Camp Butner, NC

File ID: IT0816M2.ASC Date Analyzed: 08/16/04 Methods: EPA 200.7, SW846 6010B
Analyst: ND Run ID: MA14293
Parameters: Sb

	Time	Sample Description	Dilution Factor	PS Recov	Comments
	09:01	N74646-11F	1		
---------->	Last reportable sample/prep for job N74646				
	09:12	MP26798-MB1	1		SO LC not run for BPQC. To reanalysis.
	09:20	MP26798-B1	1		SO LC not run for BPQC. To reanalysis.
	09:27	MP26798-S1	1		SO LC not run for BPQC. To reanalysis.
	09:35	MP26798-S2	1		SO LC not run for BPQC. To reanalysis.
	09:44	N74433-1	1		(sample used for QC only; not part of login N74646)
	09:52	MA14293-CRIB5	1		
	09:59	MA14293-ICSA5	1		
	10:07	MA14293-ICSAB5	1		
	10:15	MA14293-CCV16	1		
	10:22	MA14293-CCB16	1		
---------->	Last reportable CCB for job N74646				
	Refer to raw data for calibration curve and standards.				

INTERNAL STANDARD SUMMARY

Login Number: N74646
Account: ENSRMAA - ENSR Consulting & Engineering
Project: Former Camp Butner, NC

File ID: IT0816M2.ASC
Date Analyzed: 08/16/04
Methods: EPA 200.7, SW846 6010B
Analyst: ND
Run ID: MA14293
Parameters: Sb

Time	Sample Description	Istd#1
10:29	MA14293-STD1	38868 R
10:37	MA14293-STD2	38642
10:43	MA14293-STD3	38189
10:49	MA14293-STD4	39018
10:54	MA14293-STD5	38124
11:10	MA14293-STD6	37707
11:13	MA14293-HSTD1	38307
11:32	MA14293-CRIB1	38733
11:39	MA14293-ICV1	38393
11:54	MA14293-ICB1	38506
12:01	MA14293-CCV1	38052
12:09	MA14293-CCB1	38466
12:17	MA14293-ICSA1	36633
12:31	MA14293-ICSAB1	36206
12:39	MA14293-CCV2	38506
12:46	MA14293-CCB2	38360
12:54	ZZZZZZ	39507
13:02	ZZZZZZ	39271
13:09	ZZZZZZ	38337
13:17	ZZZZZZ	39589
13:25	MP26757-MB2	39605
13:32	MP26757-LC1	37966
13:40	ZZZZZZ	37617
13:48	MP26791-MB1	38915
13:55	MP26791-B1	38699
14:03	MA14293-CCV3	38150
14:11	MA14293-CCB3	39022
14:19	MP26791-S1	38878
14:27	ZZZZZZ	38446
14:35	ZZZZZZ	38661
14:44	MP26772-MB2	38976
14:51	MP26772-LC1	38486
14:59	ZZZZZZ	38490
15:07	N75070-4	39518

INTERNAL STANDARD SUMMARY

Login Number: N74646
Account: ENSRMAA - ENSR Consulting & Engineering
Project: Former Camp Butner, NC

File ID: IT0816M2.ASC
Analyst: ND
Parameters: Sb

Date Analyzed: 08/16/04
Run ID: MA14293

Methods: EPA 200.7, SW846 6010B

Time	Sample Description	Istd#1
15:15	ZZZZZZ	37933
15:22	ZZZZZZ	40375
15:30	MA14293-CCV4	39025
15:43	MA14293-CCB4	39305
15:51	ZZZZZZ	39795
16:06	ZZZZZZ	38429
16:14	ZZZZZZ	38574
16:21	ZZZZZZ	39871
16:30	N73864-1	39459
16:48	MA14293-CRIB2	38723
17:04	MA14293-ICSA2	37459
17:12	MA14293-ICSAB2	36737
17:19	MA14293-CCV5	38752
17:27	MA14293-CCB5	39179
17:41	MP26693-MB1	39312
17:49	MP26693-LC1	38370
17:57	MP26693-S1	38799
18:04	MP26693-S2	38328
18:12	N73906-1	38415
18:19	MP26693-SD1	38490
18:27	MP26693-MB3	37727
18:35	MP26693-LC3	37926
18:42	ZZZZZZ	38027
18:50	ZZZZZZ	37606
18:57	MA14293-CCV6	38202
19:05	MA14293-CCB6	38732
19:13	ZZZZZZ	37765
19:20	ZZZZZZ	37033
19:28	ZZZZZZ	37579
19:35	ZZZZZZ	37817
19:43	ZZZZZZ	37764
19:51	MP26791-S2	38418
19:58	MP26791-SD1	38271
20:06	ZZZZZZ	39983

INTERNAL STANDARD SUMMARY

Login Number: N74646
Account: ENSRMAA - ENSR Consulting & Engineering
Project: Former Camp Butner, NC

File ID: IT0816M2.ASC
Analyst: ND
Parameters: Sb

Date Analyzed: 08/16/04
Run ID: MA14293

Methods: EPA 200.7, SW846 6010B

Time	Sample Description	Istd#1
20:13	ZZZZZZ	40720
20:21	ZZZZZZ	38128
20:29	MA14293-CCV7	38056
20:36	MA14293-CCB7	37988
20:44	ZZZZZZ	37964
20:51	MP26785-MB1	37093
20:59	MP26785-LC1	37283
21:07	MP26785-S1	37594
21:14	MP26785-S2	36962
21:22	N74479-7	37488
21:29	MP26785-SD1	37643
21:37	ZZZZZZ	36776
21:45	ZZZZZZ	37609
21:52	ZZZZZZ	36307
22:00	MA14293-CCV8	37027
22:07	MA14293-CCB8	37035
22:15	ZZZZZZ	36516
22:23	ZZZZZZ	36790
22:30	ZZZZZZ	36760
22:38	ZZZZZZ	36739
22:45	ZZZZZZ	36317
22:53	ZZZZZZ	36467
23:01	MP26767-LC1	36052
23:08	MP26767-S1	36585
23:16	MP26767-S2	36342
23:23	N74646-2	36340
23:31	MA14293-CCV9	36093
23:39	MA14293-CCB9	36949
23:46	MP26767-SD1	36552
23:54	N74646-6	37185
00:02	N74646-9	36472
00:09	N74646-4F	36339
00:17	ZZZZZZ	36142
00:24	MP26793-MB1	36350

INTERNAL STANDARD SUMMARY

Login Number: N74646
Account: ENSRMAA - ENSR Consulting & Engineering
Project: Former Camp Butner, NC

File ID: IT0816M2.ASC
Analyst: ND
Parameters: Sb

Date Analyzed: 08/16/04
Run ID: MA14293

Methods: EPA 200.7, SW846 6010B

Time	Sample Description	Istd#1
00:32	MA14293-CRIB3	37232
00:40	MA14293-ICSA3	35086
00:47	MA14293-ICSAB3	34579
00:55	MA14293-CCV10	36675
01:02	MA14293-CCB10	36378
01:10	MP26793-LC1	35773
01:18	MP26793-S1	34948
01:25	MP26793-S2	37144
01:33	N74586-6F	36510
01:40	MP26793-SD1	37739
01:48	ZZZZZZ	36645
01:56	ZZZZZZ	37398
02:03	ZZZZZZ	36072
02:11	ZZZZZZ	37721
02:18	ZZZZZZ	36249
02:26	MA14293-CCV11	36809
02:34	MA14293-CCB11	36775
02:41	ZZZZZZ	36014
02:49	ZZZZZZ	35891
02:57	ZZZZZZ	35852
03:04	ZZZZZZ	36632
03:12	ZZZZZZ	36102
03:19	ZZZZZZ	35994
03:27	ZZZZZZ	36472
03:35	ZZZZZZ	37051
03:42	ZZZZZZ	36534
03:50	ZZZZZZ	35863
03:57	MA14293-CCV12	37497
04:05	MA14293-CCB12	36812
04:13	ZZZZZZ	37031
04:20	ZZZZZZ	36721
04:28	ZZZZZZ	36311
04:35	ZZZZZZ	37518
04:43	MP26726-S1	36838

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INTERNAL STANDARD SUMMARY

Login Number: N74646
Account: ENSRMAA - ENSR Consulting & Engineering
Project: Former Camp Butner, NC

File ID: IT0816M2.ASC
Analyst: ND
Parameters: Sb

Date Analyzed: 08/16/04
Run ID: MA14293

Methods: EPA 200.7, SW846 6010B

Time	Sample Description	Istd#1
04:51	MP26726-S2	36663
04:58	MP26726-SD1	37042
05:06	MP26772-MB3	38321
05:13	MP26772-LC2	35904
05:21	ZZZZZZ	39091
05:29	MA14293-CCV13	36503
05:36	MA14293-CCB13	36694
05:44	ZZZZZZ	40043
05:52	ZZZZZZ	39345
05:59	ZZZZZZ	39227
06:07	ZZZZZZ	40625
06:14	ZZZZZZ	40074
06:22	ZZZZZZ	41314
06:30	ZZZZZZ	39573
06:37	ZZZZZZ	38181
06:45	ZZZZZZ	38312
06:53	ZZZZZZ	37910
07:00	MA14293-CCV14	36678
07:24	MA14293-CCB14	39118
07:35	ZZZZZZ	38835
07:42	ZZZZZZ	38436
07:50	ZZZZZZ	38485
07:59	MP26791-MB1	37669
08:07	MA14293-CRIB4	37543
08:21	MA14293-ICSA4	35856
08:29	MA14293-ICSAB4	35740
08:36	MA14293-CCV15	37445
08:44	MA14293-CCB15	38085
08:54	N74646-11	37401
09:01	N74646-11F	36377
09:12	MP26798-MB1	37083
09:20	MP26798-B1	37425
09:27	MP26798-S1	38156
09:35	MP26798-S2	38401

INTERNAL STANDARD SUMMARY

Login Number: N74646
Account: ENSRMAA - ENSR Consulting & Engineering
Project: Former Camp Butner, NC

File ID: IT0816M2.ASC
Analyst: ND
Parameters: Sb

Date Analyzed: 08/16/04
Run ID: MA14293

Methods: EPA 200.7, SW846 6010B

Time	Sample Description	Istd#1
09:44	N74433-1	37887
09:52	MA14293-CRIB5	37065
09:59	MA14293-ICSA5	35983
10:07	MA14293-ICSAB5	35169
10:15	MA14293-CCV16	37162
10:22	MA14293-CCB16	37423

R = Reference for ISTD limits. ! = Outside limits.

LEGEND:

Istd#	Parameter	Limits
Istd#1	Yttrium	60-125 %

LABORATORY REVIEW SIGNATURE FORM
(To be stored with the raw data)

File ID: IT0816M2.ASC
Analyst: ND

Date Analyzed: 08/16/04
Run ID: MA14293

Methods: EPA 200.7, SW846 6010B

The following analyst(s) have reviewd this run and attest that, to the best of their knowledge, this documentation is complete and correct:

Analyst: ND Date 8/17/04

Analyst: _____ Date _____

Analyst: _____ Date _____

Analyst: _____ Date _____

Analyst: _____ Date _____

Analyst: _____ Date _____

Analyst: _____ Date _____

The following supervisor or their designee has reviewed this run and attests that, to the best of their knowledge, this documentation is complete and correct:

Supervisor (or designee): [signature] Date 8/17/04

8/19/04

ACCUTEST

Analytical Standards Information Log

Analytical Run ID: MA 14293

Standard Type	Standard ID
Calibration Standard A	MA - 75 - 405 - STDA
Calibration Standard B	MA - 75 - 406 - STDB
Calibration Standard C	MA - 75 - 407 - STDC
Calibration Standard D	MA - 75 - 408 - STDD
Calibration Standard E	MA - 75 - 409 - STDE
Internal Standard	MA - 75 - 410 - IS
Initial Calibration Check Standard	MA - 59 - 056 - ICV
High Check Standard	MA - 69 - 200 - HSTD
Continuing Calibration Check Standard	MA - 71 - 204 - CCV
Interfering Element ICSA Standard	MA - 74 - 022 - ICSA
Interfering Element ICSAB Standard	MA - 74 - 021 - ICSAB3
Low Check Standard	MA - 70 - 049 - CRIB

8/16/04

Form: AA-013
Rev. Date: 5/8/2001

Method: EPA3 Standard: STDA
Run Time: 08/16/04 10:29:27

Nancy Dran 8/16/04

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Avge	.06702	.00106	.00129	.00009	.00079	.00778	.00015
SDev	.00009	.00006	.00106	.00010	.00022	.00008	.00003
%RSD	.12760	5.3487	82.287	103.33	27.976	.99611	16.738
#1	.06693	.00100	.00215	.00003	.00054	.00769	.00015
#2	.06710	.00111	.00010	.00005	.00088	.00781	.00018
#3	.06704	.00108	.00162	.00021	.00095	.00783	.00013

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Sb2068
Avge	.00233	-.00587	-.00002	.00105	.00053	-.00095	.00160
SDev	.00018	.00035	.00005	.00005	.00059	.00298	.00028
%RSD	7.7963	5.8844	313.54	4.5373	110.56	312.28	17.179
#1	.00254	-.00620	-.00008	.00100	.00064	-.00431	.00172
#2	.00219	-.00590	.00003	.00108	-.00010	.00139	.00129
#3	.00227	-.00551	.00000	.00108	.00106	.00005	.00180

Elem	Al3082	Ca3179	Fe2714	Mg2790	K 7664	Na3302	Mo2020
Avge	.00696	.00619	-.00008	.00021	.12212	.01322	-.00051
SDev	.00014	.00015	.00030	.00021	.00061	.00060	.00086
%RSD	2.0265	2.3348	386.25	97.668	.49710	4.4983	170.70
#1	.00679	.00605	-.00036	-.00003	.12142	.01333	-.00051
#2	.00704	.00619	-.00010	.00031	.12246	.01258	.00036
#3	.00703	.00634	.00023	.00036	.12249	.01376	-.00137

Elem	Pd3404	Si2881	Sn1899	2203/1	2203/2	1960/1	1960/2
Avge	-.00052	.05439	-.00068	.00215	.00383	-.00383	.00641
SDev	.00023	.00094	.00038	.00082	.00162	.00260	.00108
%RSD	43.942	1.7225	55.505	37.881	42.232	68.017	16.914
#1	-.00067	.05332	-.00026	.00161	.00554	-.00223	.00582
#2	-.00026	.05482	-.00098	.00175	.00364	-.00683	.00766
#3	-.00064	.05504	-.00080	.00309	.00232	-.00242	.00575

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38868	--	--	--	--	--	--
SDev	125.8113	--	--	--	--	--	--
%RSD	.3236909	--	--	--	--	--	--
#1	39012	--	--	--	--	--	--
#2	38781	--	--	--	--	--	--
#3	38810	--	--	--	--	--	--

Method: EPA3 Standard: STDB
Run Time: 08/16/04 10:37:04

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Avge	5.1025	9.3841	16.168	.95445	2.6979	1.6034	2.2992
SDev	.0535	.0924	.195	.01042	.0293	.0164	.0252
%RSD	1.0493	.98429	1.2059	1.0915	1.0867	1.0206	1.0964
#1	5.1539	9.4762	16.358	.96485	2.7271	1.6199	2.3248
#2	5.1066	9.3846	16.178	.95448	2.6981	1.6031	2.2984
#3	5.0470	9.2914	15.968	.94401	2.6685	1.5872	2.2744

Elem	Ni2316	Zn2062	As1890	Tl1908	Mo2020	Pd3404	Sn1899
Avge	1.4882	1.9156	2.1203	1.7862	3.2421	.99401	1.2006
SDev	.0173	.0232	.0252	.0183	.0302	.01007	.0131
%RSD	1.1636	1.2121	1.1875	1.0265	.93230	1.0131	1.0934
#1	1.5051	1.9385	2.1463	1.8024	3.2734	1.0045	1.2150
#2	1.4891	1.9162	2.1184	1.7899	3.2398	.99319	1.1974
#3	1.4705	1.8921	2.0961	1.7663	3.2131	.98437	1.1894

Elem	2203/1	2203/2	1960/1	1960/2
Avge	3.7282	6.1734	4.2561	2.1785
SDev	.0268	.0619	.0274	.0109
%RSD	.71957	1.0033	.64449	.49848
#1	3.7559	6.2423	4.2841	2.1895
#2	3.7263	6.1555	4.2551	2.1780
#3	3.7023	6.1224	4.2292	2.1678

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38642	--	--	--	--	--	--
SDev	288.7269	--	--	--	--	--	--
%RSD	.7471815	--	--	--	--	--	--
#1	38320	--	--	--	--	--	--
#2	38729	--	--	--	--	--	--
#3	38878	--	--	--	--	--	--

Method: EPA3 Standard: STDC
Run Time: 08/16/04 10:43:54

Elem	Ag3280	Sb2068	Si2881
Avge	.67689	1.3402	2.9046
SDev	.00412	.0088	.0187
%RSD	.60836	.65870	.64469
#1	.68038	1.3441	2.9175
#2	.67794	1.3464	2.9130
#3	.67235	1.3301	2.8831

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38189	--	--	--	--	--	--
SDev	300.5920	--	--	--	--	--	--
%RSD	.7871155	--	--	--	--	--	--
#1	37971	--	--	--	--	--	--
#2	38064	--	--	--	--	--	--
#3	38532	--	--	--	--	--	--

Method: EPA3 Standard: STDD
Run Time: 08/16/04 10:49:11

Elem	V 2924
Avge	.66404
SDev	.00817
%RSD	1.2296
#1	.67346
#2	.65938
#3	.65927

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39018	--	--	--	--	--	--
SDev	423.1086	--	--	--	--	--	--
%RSD	1.084397	--	--	--	--	--	--
#1	38534	--	--	--	--	--	--
#2	39316	--	--	--	--	--	--
#3	39204	--	--	--	--	--	--

Method: EPA3 Standard: STDE
Run Time: 08/16/04 10:54:28

Elem	Al3082	Ca3179	Fe2714	Mg2790	K 7664	Na3302
Avge	3.5580	5.7469	1.3807	3.1977	5.7464	.57661
SDev	.0169	.0464	.0123	.0220	.0133	.00356
%RSD	.47552	.80710	.89007	.68648	.23135	.61709
#1	3.5773	5.8001	1.3949	3.2228	5.7608	.58069
#2	3.5457	5.7150	1.3728	3.1819	5.7346	.57416
#3	3.5509	5.7256	1.3744	3.1885	5.7439	.57498

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38124	--	--	--	--	--	--
SDev	444.5582	--	--	--	--	--	--
%RSD	1.166085	--	--	--	--	--	--
#1	37612	--	--	--	--	--	--
#2	38348	--	--	--	--	--	--
#3	38412	--	--	--	--	--	--

Method: EPA3 Standard: STDC
Run Time: 08/16/04 11:10:36

Elem	Sb2068
Avge	1.4111
SDev	.0110
%RSD	.77675
#1	1.3994
#2	1.4128
#3	1.4211

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37707	--	--	--	--	--	--
SDev	257.1845	--	--	--	--	--	--
%RSD	.6820567	--	--	--	--	--	--
#1	37975	--	--	--	--	--	--
#2	37684	--	--	--	--	--	--
#3	37462	--	--	--	--	--	--

Method: EPA3 Sample Name: HSTD Operator:
Run Time: 08/16/04 11:13:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.9597	3.9049	3.8544	3.8726	3.8924	3.9564	3.8880
SDev	.0121	.0115	.0091	.0093	.0175	.0122	.0129
%RSD	.30575	.29505	.23670	.24065	.45082	.30801	.33092
#1	3.9550	3.8982	3.8466	3.8684	3.8791	3.9517	3.8811
#2	3.9507	3.8983	3.8521	3.8661	3.8857	3.9473	3.8800
#3	3.9735	3.9182	3.8644	3.8833	3.9123	3.9703	3.9028
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	4.0000	4.0000	4.0000	4.0000	4.0000	4.0000	4.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.8966	.50301	3.9887	3.8463	3.9286	3.8864	3.9073
SDev	.0112	.00186	.0101	.0115	.0168	.0232	.0230
%RSD	.28708	.37035	.25341	.29989	.42760	.59775	.58907
#1	3.8923	.50194	3.9844	3.8391	3.9136	3.8748	3.8874
#2	3.8883	.50193	3.9815	3.8403	3.9254	3.8713	3.9021
#3	3.9093	.50516	4.0003	3.8596	3.9467	3.9132	3.9325
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	4.0000	.50000	4.0000	4.0000	4.0000	4.0000	4.0000
Range	5.0000	5.0000	5.0000	5.0000	125.00	5.0000	5.0000

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.9350	3.8965	80.698	78.482	80.804	80.149	78.859
SDev	.0294	.0114	.206	.262	.238	.278	.318
%RSD	.74682	.29148	.25486	.33429	.29420	.34671	.40385
#1	3.9044	3.8949	80.622	78.323	80.636	79.976	79.103
#2	3.9377	3.8861	80.541	78.337	80.700	80.000	78.499
#3	3.9630	3.9086	80.931	78.785	81.076	80.469	78.975
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	4.0000	4.0000	80.000	80.000	80.000	80.000	80.000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	82.175	3.9209	3.9493	10.016	3.9061	3.9103	3.9054
SDev	.163	.0112	.0118	.035	.0089	.0158	.0272
%RSD	.19863	.28614	.29845	.35343	.22674	.40299	.69672
#1	82.245	3.9154	3.9489	10.003	3.9005	3.9014	3.8799
#2	81.989	3.9135	3.9377	9.9879	3.9016	3.9010	3.9021
#3	82.292	3.9338	3.9613	10.055	3.9163	3.9285	3.9341
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

Value	80.000	4.0000	4.0000	10.000	4.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	3.9435	3.9305
SDev	.0173	.0355
%RSD	.43864	.90325
#1	3.9266	3.8930
#2	3.9428	3.9349
#3	3.9611	3.9636
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38307	--	--	--	--	--	--
SDev	224.8896	--	--	--	--	--	--
%RSD	.5870727	--	--	--	--	--	--
#1	38381	--	--	--	--	--	--
#2	38486	--	--	--	--	--	--
#3	38054	--	--	--	--	--	--

Analysis Report QC Standard 08/16/04 11:39:52 AM page 1

Method: EPA3 Sample Name: CRIB Operator:
Run Time: 08/16/04 11:32:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.39820	.01057	.00820	.10131	.02076	.05053	.03196
SDev	.00704	.00018	.00022	.00168	.00053	.00125	.00064
%RSD	1.7670	1.7544	2.7490	1.6530	2.5422	2.4714	2.0135
#1	.40623	.01078	.00844	.10288	.02123	.05195	.03269
#2	.39525	.01048	.00818	.10152	.02087	.05006	.03170
#3	.39312	.01044	.00799	.09955	.02019	.04959	.03149
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.40000	.01000	.00800	.10000	.02000	.05000	.03000
Range	30.000	30.000	30.000	30.000	30.000	30.000	30.000

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08069	.02005	.10084	.04027	.00924	.01592	.00659
SDev	.00097	.00060	.00207	.00054	.00078	.00329	.00263
%RSD	1.1980	2.9971	2.0502	1.3389	8.3950	20.662	39.922
#1	.08092	.02047	.10322	.04082	.01009	Q.01233	.00715
#2	.08153	.02033	.09975	.04024	.00856	.01880	Q.00890
#3	.07963	.01937	.09954	.03974	.00907	.01664	Q.00373
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.08000	.02000	.10000	.04000	.01000	.02000	.00600
Range	30.000	30.000	30.000	30.000	30.000	30.000	30.000

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01061	.01160	.38326	5.0072	.18896	4.9999	4.9648
SDev	.00161	.00224	.01063	.0745	.00575	.0785	.0741
%RSD	15.131	19.323	2.7743	1.4885	3.0445	1.5703	1.4924
#1	.01129	.00907	.39548	5.0912	.19369	5.0896	5.0486
#2	.01176	.01238	.37816	4.9815	.19062	4.9664	4.9381
#3	.00877	Q.01335	.37614	4.9490	.18255	4.9437	4.9078
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.01000	.01000	.40000	5.0000	.20000	5.0000	5.0000
Range	30.000	30.000	30.000	30.000	30.000	30.000	30.000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.9968	.02260	.10644	.40785	Q.02605	.00514	.00702
SDev	.0889	.00042	.00256	.01039	.00295	.00165	.00393
%RSD	1.7798	1.8356	2.4016	2.5486	11.316	32.054	56.041
#1	5.0754	.02298	.10772	.41922	Q.02925	.00333	.00878
#2	5.0148	.02265	.10811	.40552	.02345	.00656	.00976
#3	4.9003	.02216	.10350	.39883	.02543	.00554	.00251
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail	NOCHECK	NOCHECK

Value	5.0000	.02000	.10000	.40000	.02000
Range	30.000	30.000	30.000	30.000	30.000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.00880	.01124
SDev	.00088	.00270
%RSD	10.037	23.996
#1	.00782	.01274
#2	.00904	.01285
#3	.00953	.00813
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38733	--	--	--	--	--	--
SDev	644.5892	--	--	--	--	--	--
%RSD	1.664206	--	--	--	--	--	--
#1	38004	--	--	--	--	--	--
#2	38965	--	--	--	--	--	--
#3	39229	--	--	--	--	--	--

Analysis Report QC Standard 08/16/04 11:47:29 AM page 1

Method: EPA3 Sample Name: ICV Operator:
Run Time: 08/16/04 11:39:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99006	.98888	.98607	.98671	.97323	.97602	.98623
SDev	.00470	.00560	.00696	.00614	.00623	.00403	.00612
%RSD	.47478	.56593	.70595	.62252	.64044	.41275	.62060
#1	.98788	.98420	.98154	.98144	.96867	.97280	.98134
#2	.99546	.99508	.99408	.99345	.98034	.98054	.99309
#3	.98685	.98735	.98258	.98522	.97069	.97472	.98426
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Range	.05000	.05000	.05000	.05000	.05000	.05000	.05000

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98817	.49366	.98157	.98944	.98620	.97885	.98647
SDev	.00761	.00297	.00538	.00694	.00365	.00643	.01025
%RSD	.77035	.60169	.54797	.70195	.37011	.65668	1.0393
#1	.98397	.49210	.97651	.98324	.98936	.97471	.98030
#2	.99696	.49708	.98722	.99694	.98703	.98625	.99830
#3	.98359	.49179	.98099	.98814	.98220	.97557	.98081
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.0000	.50000	1.0000	1.0000	1.0000	1.0000	1.0000
Range	.05000	.02500	.05000	.05000	.05000	.05000	.05000

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98955	.98435	5.0262	5.0404	4.8867	5.0404	4.9725
SDev	.00819	.00949	.0282	.0316	.0431	.0314	.0306
%RSD	.82786	.96413	.56190	.62626	.88130	.62342	.61500
#1	.98352	.97536	5.0055	5.0149	4.8553	5.0097	4.9568
#2	.99888	.99428	5.0584	5.0757	4.9358	5.0725	5.0078
#3	.98626	.98342	5.0147	5.0306	4.8689	5.0391	4.9530
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.0000	1.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Range	.05000	.05000	.25000	.25000	.25000	.25000	.25000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.8384	.99187	.98907	1.0214	1.0058	.99040	.98409
SDev	.1151	.00630	.00489	.0078	.0106	.00767	.01204
%RSD	2.3787	.63521	.49469	.76797	1.0518	.77473	1.2236
#1	Q4.7454	.98538	.98592	1.0142	.99551	.98298	.97849
#2	4.9671	.99796	.99471	1.0298	1.0167	.99830	.99791
#3	4.8027	.99228	.98659	1.0203	1.0054	.98991	.97587
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

Value	5.0000	1.0000	1.0000	1.0000	1.0000
Range	.25000	.05000	.05000	.05000	.05000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.99097	.98853
SDev	.00772	.00845
%RSD	.77936	.85463
#1	.98594	.98200
#2	.99986	.99807
#3	.98711	.98553
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38393	--	--	--	--	--	--
SDev	295.5617	--	--	--	--	--	--
%RSD	.7698415	--	--	--	--	--	--
#1	38543	--	--	--	--	--	--
#2	38052	--	--	--	--	--	--
#3	38582	--	--	--	--	--	--

Analysis Report QC Standard 08/16/04 12:01:44 PM page 1

Method: EPA3 Sample Name: ICB Operator:
Run Time: 08/16/04 11:54:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00056	.00013	.00023	-.00022	-.00014	.00008	.00035
SDev	.00004	.00002	.00014	.00016	.00046	.00029	.00007
%RSD	7.0107	15.989	62.435	75.891	332.91	375.36	20.093
#1	-.00053	.00011	.00010	-.00018	.00001	-.00015	.00027
#2	-.00054	.00014	.00038	-.00007	.00023	-.00002	.00040
#3	-.00060	.00014	.00020	-.00039	-.00066	.00041	.00038
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.02000	.00050	.00090	.00500	.00240	.00270	.00150

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00139	.00011	.00109	-.00102	-.00310	-.00312	-.00052
SDev	.00034	.00051	.00046	.00049	.00148	.00145	.00137
%RSD	24.341	456.83	42.343	48.642	47.731	46.419	265.41
#1	-.00101	.00052	.00150	-.00134	-.00317	-.00156	.00099
#2	-.00148	.00027	.00118	-.00045	-.00159	-.00442	-.00167
#3	-.00167	-.00046	.00059	-.00126	-.00455	-.00338	-.00087
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.00400	.00210	.00500	.00270	.00500	.01000	.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00314	.00267	-.01811	-.02162	.01289	.00011	-.22331
SDev	.00281	.00301	.00442	.00064	.00692	.00445	.03944
%RSD	89.403	112.92	24.422	2.9802	53.697	3966.9	17.662
#1	-.00209	Q.00538	-.02178	-.02226	.01533	.00428	-.24131
#2	Q-.00632	-.00057	-.01934	-.02097	.00508	.00063	-.25055
#3	-.00101	.00319	-.01320	-.02163	.01825	-.00457	-.17808
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.00500	.00500	.02970	.50000	.05520	.50000	.50000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.18864	.00179	.00052	-.00479	.00558	-.00088	-.00080
SDev	.10230	.00034	.00118	.00468	.00675	.00034	.00221
%RSD	54.227	18.874	229.21	97.732	121.10	39.124	275.52
#1	-.07253	.00189	.00086	-.00191	.00346	-.00117	.00162
#2	-.26548	.00207	.00149	-.01020	.00014	-.00050	-.00272
#3	-.22792	.00142	-.00080	-.00227	Q.01313	-.00096	-.00121
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

Value	.00000	.00000	.00000	.00000	.00000
Range	.50940	.00300	.00810	.02310	.00690

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00200	-.00402
SDev	.00460	.00190
%RSD	230.29	47.346
#1	-.00018	-.00336
#2	-.00723	-.00617
#3	.00141	-.00254
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38506	--	--	--	--	--	--
SDev	978.9503	--	--	--	--	--	--
%RSD	2.542323	--	--	--	--	--	--
#1	38869	--	--	--	--	--	--
#2	39252	--	--	--	--	--	--
#3	37398	--	--	--	--	--	--

Analysis Report QC Standard 08/16/04 12:09:26 PM page 1

Method: EPA3 Sample Name: CCV Operator:
Run Time: 08/16/04 12:01:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9876	1.9943	1.9587	1.9617	1.9768	1.9754	1.9725
SDev	.0257	.0268	.0288	.0264	.0287	.0264	.0277
%RSD	1.2908	1.3449	1.4721	1.3463	1.4524	1.3366	1.4059
#1	2.0150	2.0225	1.9891	1.9897	2.0069	2.0041	2.0017
#2	1.9641	1.9691	1.9317	1.9371	1.9496	1.9521	1.9465
#3	1.9837	1.9914	1.9555	1.9584	1.9739	1.9701	1.9692
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9703	.25195	2.0014	1.9568	1.9864	1.9597	1.9735
SDev	.0280	.00301	.0258	.0275	.0290	.0210	.0394
%RSD	1.4208	1.1944	1.2913	1.4045	1.4621	1.0709	1.9960
#1	2.0001	.25525	2.0276	1.9855	2.0165	1.9813	2.0174
#2	1.9446	.24936	1.9759	1.9307	1.9585	1.9394	1.9413
#3	1.9663	.25125	2.0005	1.9541	1.9843	1.9582	1.9617
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	.25000	2.0000	2.0000	2.0000	2.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0025	1.9601	39.967	39.434	40.283	40.128	40.414
SDev	.0439	.0269	.549	.562	.564	.541	.419
%RSD	2.1925	1.3726	1.3726	1.4240	1.3993	1.3477	1.0372
#1	2.0519	1.9878	40.549	40.019	40.877	40.698	40.842
#2	1.9681	1.9341	39.459	38.899	39.755	39.622	40.004
#3	1.9874	1.9583	39.894	39.386	40.218	40.065	40.395
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	2.0000	40.000	40.000	40.000	40.000	40.000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	40.408	1.9815	1.9641	5.0477	1.9788	1.9735	1.9730
SDev	.506	.0237	.0263	.0691	.0286	.0289	.0447
%RSD	1.2531	1.1982	1.3415	1.3691	1.4464	1.4663	2.2666
#1	40.946	2.0043	1.9913	5.1217	2.0049	2.0046	2.0233
#2	39.941	1.9569	1.9387	4.9849	1.9482	1.9475	1.9378
#3	40.336	1.9832	1.9622	5.0364	1.9834	1.9683	1.9579
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

Value	40.000	2.0000	2.0000	5.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	1.9963	2.0053
SDev	.0313	.0502
%RSD	1.5656	2.5056
#1	2.0311	2.0621
#2	1.9707	1.9665
#3	1.9869	1.9873
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38052	--	--	--	--	--	--
SDev	370.1626	--	--	--	--	--	--
%RSD	.9727877	--	--	--	--	--	--
#1	37638	--	--	--	--	--	--
#2	38350	--	--	--	--	--	--
#3	38167	--	--	--	--	--	--

Analysis Report QC Standard 08/16/04 12:17:08 PM page 1

Method: EPA3 Sample Name: CCB Operator:
Run Time: 08/16/04 12:09:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00010	Q.00063	.00036	.00033	.00063	.00051	.00073
SDev	.00008	.00012	.00005	.00071	.00054	.00027	.00016
%RSD	76.492	18.506	13.225	213.37	85.351	54.194	21.716
#1	.00003	Q.00059	.00040	.00102	.00113	.00082	.00063
#2	.00018	Q.00076	.00037	.00037	.00068	.00033	.00091
#3	.00009	Q.00054	.00031	-.00039	.00007	.00036	.00064
Errors	QC Pass	QC Fail	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.02000	.00050	.00090	.00500	.00240	.00270	.00150

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00082	.00020	.00131	Q.00582	-.00308	-.00267	-.00070
SDev	.00038	.00014	.00040	.00009	.00204	.00449	.00185
%RSD	46.015	67.377	30.324	1.5405	66.100	168.38	262.29
#1	-.00105	.00032	.00089	Q.00591	Q-.00503	.00102	.00101
#2	-.00102	.00005	.00136	Q.00574	-.00325	-.00136	-.00266
#3	-.00038	.00024	.00168	Q.00580	-.00096	-.00767	-.00046
Errors	QC Pass	QC Pass	QC Pass	QC Fail	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.00400	.00210	.00500	.00270	.00500	.01000	.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00017	.00074	-.00788	.01014	.00883	.00938	-.21708
SDev	.00185	.00299	.00143	.00251	.00568	.00438	.00655
%RSD	1077.2	402.67	18.153	24.785	64.289	46.719	3.0183
#1	-.00103	-.00271	-.00624	.00820	.01278	.01285	-.22436
#2	.00230	.00247	-.00882	.01298	.00233	.01083	-.21166
#3	-.00076	.00248	-.00859	.00925	.01139	.00445	-.21522
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.00500	.00500	.02970	.50000	.05520	.50000	.50000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.24450	.00250	.00085	-.00639	.00306	-.00108	-.00098
SDev	.14147	.00072	.00101	.00178	.00473	.00268	.00330
%RSD	57.863	28.599	119.53	27.825	154.36	248.67	334.88
#1	-.10932	Q.00324	.00127	-.00501	.00303	.00025	.00093
#2	-.39152	.00245	.00158	-.00839	Q.00781	.00068	-.00479
#3	-.23265	.00181	-.00031	-.00575	-.00165	-.00416	.00091
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

Value	.00000	.00000	.00000	.00000	.00000
Range	.50940	.00300	.08100	.02300	.00690

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00077	.00033
SDev	.00404	.00208
%RSD	524.72	628.98
#1	-.00539	.00085
#2	.00208	.00210
#3	.00100	-.00196
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38466	--	--	--	--	--	--
SDev	125.9745	--	--	--	--	--	--
%RSD	.3274970	--	--	--	--	--	--
#1	38608	--	--	--	--	--	--
#2	38422	--	--	--	--	--	--
#3	38368	--	--	--	--	--	--

Analysis Report QC Standard 08/16/04 12:24:50 PM

Method: EPA3 Sample Name: ICSA Operator:
Run Time: 08/16/04 12:17:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00362	.00046	.00184	.00245	.00001	.00195	-.00024
SDev	.00017	.00002	.00033	.00024	.00040	.00066	.00007
%RSD	4.7442	3.9776	18.130	9.9151	2801.6	33.967	30.546
#1	.00345	.00044	.00154	.00254	.00008	.00244	-.00022
#2	.00361	.00046	.00179	.00218	-.00041	.00120	-.00017
#3	.00379	.00048	.00220	.00264	.00037	.00222	-.00032
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.20000	.00400	.00400	.05000	.01000	.02500	.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00069	.00037	.00451	.00034	-.00066	.00918	-.00099
SDev	.00094	.00031	.00008	.00051	.00509	.00629	.00101
%RSD	137.08	83.794	1.7934	146.79	766.11	68.466	101.57
#1	-.00039	.00002	.00451	.00073	-.00299	Q.01506	-.00170
#2	-.00174	.00049	.00459	.00054	-.00417	.00255	-.00144
#3	.00007	.00061	.00442	-.00023	Q.00517	.00993	.00016
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.04000	.01000	.05000	.02000	.00500	.01000	.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00099	.00286	549.33	553.21	203.16	545.52	-.06631
SDev	.00274	.00340	2.22	3.72	.78	1.88	.01188
%RSD	276.46	118.79	.40435	.67180	.38307	.34405	17.912
#1	.00012	.00225	551.29	554.46	203.90	547.19	-.06913
#2	.00407	Q.00653	546.92	549.03	202.35	543.49	-.07652
#3	-.00121	-.00019	549.77	556.14	203.23	545.88	-.05328
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	500.00	500.00	200.00	500.00	.00000
Range	.00500	.00500	100.00	100.00	40.000	100.00	5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.03664	.00182	.00042	.05927	Q.01215	-.00635	.00119
SDev	.05681	.00112	.00127	.00274	.00222	.00139	.00169
%RSD	155.05	61.840	300.37	4.6138	18.241	21.935	141.76
#1	-.09787	.00163	-.00021	.05937	Q.01429	-.00503	-.00053
#2	-.02645	.00302	-.00041	.05648	.00986	-.00781	.00125
#3	.01438	.00080	.00188	.06195	Q.01231	-.00620	.00285
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail	NOCHECK	NOCHECK

Value	.00000	.00000	.00000	.00000	.00000
Range	5.0000	.00500	.05000	.20000	.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00563	.00398
SDev	.00382	.00234
%RSD	67.776	58.788
#1	-.00565	.00268
#2	-.00181	.00668
#3	-.00944	.00258
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36633	--	--	--	--	--	--
SDev	175.3812	--	--	--	--	--	--
%RSD	.4787580	--	--	--	--	--	--
#1	36574	--	--	--	--	--	--
#2	36830	--	--	--	--	--	--
#3	36494	--	--	--	--	--	--

Analysis Report QC Standard 08/16/04 12:38:57 PM page 1

Method: EPA3 Sample Name: ICSAB Operator:
Run Time: 08/16/04 12:31:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53623	.49243	1.0072	.51817	.50291	.53395	.50885
SDev	.00651	.00519	.0127	.00515	.00487	.00563	.00573
%RSD	1.2140	1.0551	1.2609	.99315	.96731	1.0545	1.1265
#1	.53302	.48904	1.0001	.51502	.49954	.53142	.50494
#2	.53195	.48983	.99962	.51538	.50071	.53002	.50617
#3	.54372	.49841	1.0219	.52411	.50849	.54040	.51543
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	1.0000	.50000	.50000	.50000	.50000
Range	.10000	.10000	.20000	.10000	.10000	.10000	.10000

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0319	1.0896	.52961	.99338	1.1036	1.0354	1.0495
SDev	.0126	.0115	.00756	.01020	.0061	.0053	.0086
%RSD	1.2204	1.0538	1.4282	1.0268	.55204	.51033	.81500
#1	1.0253	1.0833	.52693	.98555	1.0978	1.0300	1.0411
#2	1.0239	1.0826	.52375	.98967	1.1031	1.0357	1.0492
#3	1.0464	1.1029	.53815	1.0049	1.1099	1.0405	1.0582
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.0000	1.0000	.50000	1.0000	1.0000	1.0000	1.0000
Range	.20000	.20000	.10000	.20000	.20000	.20000	.20000

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0744	1.0670	561.02	571.69	215.23	550.35	-.06904
SDev	.0072	.0102	6.14	7.86	2.47	6.25	.01288
%RSD	.66918	.95362	1.0943	1.3742	1.1478	1.1364	18.653
#1	1.0692	1.0608	558.06	566.65	213.82	546.33	-.08025
#2	1.0713	1.0615	556.91	567.68	213.79	547.16	-.07191
#3	1.0826	1.0788	568.07	580.74	218.08	557.55	-.05497
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK
Value	1.0000	1.0000	500.00	500.00	200.00	500.00	
Range	.20000	.20000	100.00	100.00	40.000	100.00	

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.14767	.52569	.55998	.11532	.00961	1.0549	1.0464
SDev	.11407	.00803	.00553	.00539	.00271	.0149	.0072
%RSD	77.248	1.5271	.98742	4.6772	28.163	1.4077	.69262
#1	-.26337	.51994	.55796	.11512	.01169	1.0465	1.0381
#2	-.03530	.52227	.55574	.11003	.00655	1.0462	1.0503
#3	-.14434	.53486	.56623	.12081	.01060	1.0721	1.0509
Errors	NOCHECK	QC Pass	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK

Value	.50000	.50000
Range	.10000	.10000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	1.0760	1.0732
SDev	.0164	.0037
%RSD	1.5267	.34141
#1	1.0605	1.0732
#2	1.0742	1.0696
#3	1.0932	1.0769
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36206	--	--	--	--	--	--
SDev	279.3109	--	--	--	--	--	--
%RSD	.7714579	--	--	--	--	--	--
#1	36359	--	--	--	--	--	--
#2	36374	--	--	--	--	--	--
#3	35883	--	--	--	--	--	--

Analysis Report QC Standard 08/16/04 12:46:38 PM page 1

Method: EPA3 Sample Name: CCV Operator:
Run Time: 08/16/04 12:39:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0027	2.0096	1.9783	1.9742	1.9910	1.9821	1.9855
SDev	.0310	.0326	.0288	.0304	.0324	.0300	.0345
%RSD	1.5495	1.6216	1.4570	1.5422	1.6295	1.5147	1.7358
#1	2.0385	2.0468	2.0085	2.0087	2.0281	2.0164	2.0252
#2	1.9838	1.9862	1.9511	1.9511	1.9678	1.9605	1.9631
#3	1.9857	1.9957	1.9754	1.9628	1.9772	1.9694	1.9683
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9878	.25310	2.0332	1.9815	2.0065	1.9972	1.9457
SDev	.0300	.00400	.0298	.0297	.0255	.0271	.0654
%RSD	1.5103	1.5822	1.4663	1.4974	1.2718	1.3581	3.3627
#1	2.0202	.25772	2.0644	2.0102	2.0328	2.0274	2.0087
#2	1.9610	.25060	2.0050	1.9509	1.9818	1.9748	1.9502
#3	1.9822	.25098	2.0301	1.9835	2.0050	1.9894	Q1.8781
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	.25000	2.0000	2.0000	2.0000	2.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9735	1.9771	40.081	39.734	40.723	40.589	40.501
SDev	.0612	.0256	.583	.569	.643	.570	.584
%RSD	3.1035	1.2947	1.4534	1.4323	1.5783	1.4050	1.4428
#1	2.0314	2.0049	40.754	40.382	41.435	41.229	41.163
#2	1.9797	1.9545	39.738	39.317	40.186	40.135	40.058
#3	1.9094	1.9718	39.751	39.502	40.548	40.403	40.281
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	2.0000	40.000	40.000	40.000	40.000	40.000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	40.737	2.0028	1.9719	5.0784	2.0076	1.9434	1.9465
SDev	.502	.0283	.0303	.0831	.0313	.0650	.0659
%RSD	1.2332	1.4107	1.5358	1.6367	1.5614	3.3466	3.3838
#1	41.261	2.0349	2.0059	5.1740	2.0361	2.0016	2.0119
#2	40.260	1.9814	1.9480	5.0233	1.9740	1.9552	1.9474
#3	40.691	1.9922	1.9616	5.0379	2.0126	1.8732	1.8807
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

Value	40.000	2.0000	2.0000	5.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	1.9680	1.9760
SDev	.0565	.0638
%RSD	2.8688	3.2277
#1	2.0182	2.0377
#2	1.9788	1.9799
#3	1.9069	1.9104
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38506	--	--	--	--	--	--
SDev	1419.714	--	--	--	--	--	--
%RSD	3.686955	--	--	--	--	--	--
#1	37174	--	--	--	--	--	--
#2	38345	--	--	--	--	--	--
#3	40000	--	--	--	--	--	--

Analysis Report QC Standard 08/16/04 12:54:20 PM

Method: EPA3 Sample Name: CCB Operator:
Run Time: 08/16/04 12:46:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00015	Q.00061	.00037	.00081	.00032	.00063	.00068
SDev	.00011	.00010	.00023	.00040	.00029	.00011	.00005
%RSD	73.506	16.350	60.543	48.867	90.191	17.708	6.5104
#1	.00003	Q.00054	.00047	.00114	-.00001	.00075	.00064
#2	.00025	Q.00058	.00012	.00037	.00053	.00059	.00073
#3	.00018	Q.00073	.00054	.00092	.00046	.00054	.00069
Errors	QC Pass	QC Fail	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.02000	.00050	.00090	.00500	.00240	.00270	.00150

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00046	.00029	.00090	-.00021	-.00072	.00245	-.00060
SDev	.00047	.00042	.00031	.00019	.00098	.00243	.00077
%RSD	102.40	143.70	34.521	91.423	136.36	99.156	129.88
#1	.00004	.00005	.00089	-.00041	.00037	.00037	-.00148
#2	.00038	.00005	.00122	-.00003	-.00152	.00513	-.00002
#3	.00097	.00078	.00059	-.00019	-.00101	.00186	-.00029
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.00400	.00210	.00500	.00270	.00500	.01000	.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00167	.00072	Q.04581	.04319	.03734	.07062	-.22463
SDev	.00361	.00216	.02522	.02783	.01479	.02969	.00642
%RSD	216.20	298.92	55.051	64.434	39.611	42.037	2.8583
#1	.00159	-.00107	.02599	.02022	.02074	.04529	-.22732
#2	Q-.00556	.00313	Q.03724	.03521	.04215	.06330	-.22927
#3	-.00104	.00012	Q.07420	.07413	.04912	.10329	-.21730
Errors	QC Pass	QC Pass	QC Fail	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.00500	.00500	.02970	.50000	.05520	.50000	.50000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.29682	.00201	.00081	-.00700	.00255	-.00513	.00120
SDev	.05647	.00095	.00094	.00068	.00292	.00315	.00043
%RSD	19.024	47.165	115.70	9.7690	114.49	61.457	36.120
#1	-.28939	Q.00304	.00032	-.00779	-.00070	-.00876	.00170
#2	-.35663	.00181	.00022	-.00654	.00339	-.00306	.00103
#3	-.24443	.00117	.00189	-.00668	.00496	-.00358	.00088
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

Value	.00000	.00000	.00000	.00000	.00000
Range	.50940	.00300	.08100	.02300	.00690

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00083	-.00241
SDev	.00365	.00416
%RSD	442.22	173.01
#1	.00007	.00203
#2	-.00484	-.00623
#3	.00229	-.00302
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38360	--	--	--	--	--	--
SDev	81.22546	--	--	--	--	--	--
%RSD	.2117452	--	--	--	--	--	--
#1	38370	--	--	--	--	--	--
#2	38436	--	--	--	--	--	--
#3	38274	--	--	--	--	--	--

Analysis Report 08/16/04 01:02:03 PM

Method: EPA3 Sample Name: ACID1L8-16CONF Operator:
Run Time: 08/16/04 12:54:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00543	.00054	.00056	.00088	.00029	.00002	.00114
SDev	.00025	.00022	.00036	.00042	.00056	.00040	.00023
%RSD	4.6038	41.211	64.928	48.379	189.32	1810.5	20.471
#1	.00570	.00079	.00095	.00088	.00093	.00036	.00141
#2	.00535	.00044	.00023	.00130	-.00008	.00013	.00105
#3	.00522	.00038	.00050	.00045	.00003	-.00042	.00096
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00070	.00115	.00138	.00825	-.00231	-.00338	-.00141
SDev	.00069	.00073	.00054	.00024	.00278	.00610	.00194
%RSD	99.297	63.586	39.122	2.9401	120.37	180.72	136.81
#1	.00149	.00171	.00195	.00800	.00067	-.00798	.00080
#2	.00027	.00143	.00087	.00848	-.00484	-.00570	-.00277
#3	.00032	.00032	.00132	.00825	-.00276	.00355	-.00228
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00013	-.00160	.07356	3.7499	.02923	.55803	-.17415
SDev	.00266	.00083	.02681	.0234	.02060	.03872	.01939
%RSD	2099.6	51.944	36.445	.62438	70.471	6.9389	11.132
#1	.00194	-.00105	.10205	3.7770	.05180	.60181	-.15364
#2	-.00293	-.00255	.06978	3.7362	.02441	.54400	-.17664
#3	.00137	-.00119	.04884	3.7366	.01146	.52828	-.19217
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.37960	.00131	.00112	1.1356	.00544	-.00283	-.00116
SDev	.04800	.00090	.00179	.0067	.00265	.00233	.00245
%RSD	12.645	68.672	160.11	.58815	48.704	82.196	210.40
#1	-.33248	.00212	.00302	1.1293	.00842	-.00161	.00155
#2	-.37788	.00034	.00088	1.1348	.00336	-.00551	-.00185
#3	-.42844	.00147	-.00054	1.1426	.00453	-.00137	-.00319
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.00259	-.00141
SDev	.00277	.00277
%RSD	107.22	197.08
#1	.00331	.00095
#2	-.00048	-.00446
#3	.00493	-.00071
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39507	--	--	--	--	--	--
SDev	42.89074	--	--	--	--	--	--
%RSD	.1085658	--	--	--	--	--	--
#1	39499	--	--	--	--	--	--
#2	39468	--	--	--	--	--	--
#3	39553	--	--	--	--	--	--

Analysis Report 08/16/04 01:09:45 PM

Method: EPA3 Sample Name: ACID.5L8-16CONF Operator:
Run Time: 08/16/04 13:02:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00541	.00021	.00010	.00010	-.00009	-.00033	.00084
SDev	.00006	.00003	.00024	.00037	.00018	.00013	.00004
%RSD	1.1594	15.173	240.24	362.38	202.31	38.673	4.6791
#1	.00535	.00022	.00035	.00046	.00003	-.00033	.00083
#2	.00547	.00023	.00008	-.00029	-.00000	-.00046	.00088
#3	.00540	.00017	-.00013	.00014	-.00030	-.00020	.00080
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00018	.00049	.00072	.00208	-.00007	-.00061	-.00080
SDev	.00040	.00040	.00030	.00030	.00061	.00378	.00108
%RSD	225.78	83.585	42.254	14.525	939.99	619.53	135.15
#1	-.00062	.00026	.00072	.00213	.00022	-.00246	-.00010
#2	-.00005	.00095	.00103	.00236	.00035	-.00310	-.00026
#3	.00015	.00024	.00042	.00176	-.00077	.00374	-.00204
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00016	-.00261	.03091	3.7384	.01667	.52118	-.17008
SDev	.00171	.00121	.00453	.0031	.00222	.00533	.00843
%RSD	1075.4	46.395	14.660	.08225	13.328	1.0219	4.9542
#1	.00196	-.00320	.02986	3.7416	.01924	.52589	-.17222
#2	-.00004	-.00341	.03588	3.7355	.01535	.52225	-.17722
#3	-.00145	-.00122	.02700	3.7381	.01543	.51540	-.16078
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.34233	.00104	.00015	1.1813	.00585	-.00164	-.00083
SDev	.06597	.00146	.00089	.0043	.00040	.00239	.00072
%RSD	19.271	140.28	580.06	.36212	6.8558	146.06	85.700
#1	-.28565	.00269	.00119	1.1802	.00631	-.00114	-.00003
#2	-.32658	.00050	-.00035	1.1778	.00556	.00047	-.00108
#3	-.41474	-.00007	-.00037	1.1861	.00568	-.00424	-.00140
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.00421	-.00217
SDev	.00168	.00238
%RSD	39.878	109.83
#1	.00414	.00057
#2	.00592	-.00332
#3	.00256	-.00376
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39271	--	--	--	--	--	--
SDev	267.4210	--	--	--	--	--	--
%RSD	.6809549	--	--	--	--	--	--
#1	39484	--	--	--	--	--	--
#2	39359	--	--	--	--	--	--
#3	38971	--	--	--	--	--	--

Analysis Report 08/16/04 01:17:27 PM

Method: EPA3 Sample Name: N74367-3FUNDCONF Operator:
Run Time: 08/16/04 13:09:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18189	.00026	.00085	.00427	.00101	.00094	6.7254
SDev	.00564	.00007	.00071	.00098	.00137	.00073	.1926
%RSD	3.0979	29.013	84.190	23.037	134.94	77.321	2.8644
#1	.17864	.00034	.00165	.00533	.00258	.00178	6.6413
#2	.17863	.00025	.00059	.00407	.00043	.00053	6.5891
#3	.18839	.00019	.00030	.00339	.00003	.00051	6.9458
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00091	.00149	.00190	.00305	.01976	-.00638	-.00089
SDev	.00220	.00140	.00040	.00071	.00539	.00324	.00032
%RSD	241.10	94.024	21.019	23.378	27.282	50.728	36.332
#1	.00307	.00309	.00176	.00383	.02529	-.00911	-.00116
#2	.00100	.00095	.00160	.00287	.01452	-.00281	-.00097
#3	-.00133	.00044	.00236	.00244	.01946	-.00722	-.00053
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00969	-.00355	.02227	36.203	30.052	6.8711	7.7270
SDev	.00133	.00636	.00806	.984	.847	.1819	.2438
%RSD	13.720	179.02	36.193	2.7179	2.8179	2.6476	3.1557
#1	.00840	.00369	.03129	35.877	29.676	6.8172	7.5833
#2	.00962	L-.00819	.01974	35.422	29.458	6.7222	7.5891
#3	.01105	L-.00615	.01578	37.308	31.021	7.0738	8.0085
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	283.14	.00029	.00227	7.5540	.01894	-.00548	.00102
SDev	6.59	.00034	.00508	.2209	.00383	.00669	.00296
%RSD	2.3278	117.31	224.09	2.9242	20.208	122.12	290.92
#1	279.32	.00022	.00796	7.4644	.01605	-.01308	.00442
#2	279.34	-.00001	.00065	7.3920	.02328	-.00291	-.00039
#3	290.75	.00066	-.00181	7.8056	.01749	-.00045	-.00098
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.01277	.00784
SDev	.00133	.00194
%RSD	10.434	24.699
#1	.01165	.00646
#2	.01424	.00700
#3	.01241	.01005
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38337	--	--	--	--	--	--
SDev	1167.129	--	--	--	--	--	--
%RSD	3.044387	--	--	--	--	--	--
#1	39157	--	--	--	--	--	--
#2	38854	--	--	--	--	--	--
#3	37001	--	--	--	--	--	--

Analysis Report 08/16/04 01:25:09 PM

Method: EPA3 Sample Name: N74367-8FUNDCONF Operator:
Run Time: 08/16/04 13:17:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24166	.00017	.00061	.00031	.00086	.00011	2.8556
SDev	.00258	.00002	.00021	.00058	.00060	.00044	.0255
%RSD	1.0658	12.724	35.440	186.50	69.687	382.62	.89288
#1	.24080	.00015	.00085	-.00025	.00017	-.00011	2.8404
#2	.23962	.00020	.00048	.00090	.00125	-.00017	2.8413
#3	.24455	.00017	.00049	.00028	.00115	.00062	2.8850
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00029	.00094	.00369	.00780	.02140	-.00928	-.00040
SDev	.00032	.00028	.00056	.00047	.00274	.00155	.00108
%RSD	107.03	29.397	15.274	6.0811	12.818	16.711	272.79
#1	-.00027	.00076	.00337	.00750	.01831	-.00998	-.00162
#2	.00001	.00125	.00336	.00756	.02232	L-.01036	.00000
#3	-.00062	.00080	.00434	.00835	.02356	-.00750	.00043
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02915	L-.01824	.02312	58.011	7.0808	9.5153	8.6659
SDev	.00197	.00370	.00596	.483	.0580	.0895	.0674
%RSD	6.7722	20.271	25.787	.83219	.81937	.94076	.77738
#1	.02689	L-.02241	.01685	57.729	7.0540	9.4627	8.6304
#2	.03004	L-.01694	.02379	57.736	7.0410	9.4646	8.6237
#3	.03052	L-.01537	.02872	58.569	7.1473	9.6187	8.7436
Errors	LC Pass	LC Low	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	326.72	-.00017	.00059	5.8262	.03453	-.00099	-.00041
SDev	2.26	.00021	.00079	.0438	.00200	.00167	.00098
%RSD	.69231	126.92	135.66	.75106	5.7997	168.13	236.16
#1	325.76	-.00014	-.00002	5.8033	.03270	-.00283	-.00131
#2	325.10	-.00039	.00029	5.7986	.03421	.00043	-.00055
#3	329.31	.00003	.00148	5.8766	.03666	-.00058	.00062
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.03499	.02594
SDev	.00279	.00298
%RSD	7.9581	11.482
#1	.03462	.02272
#2	.03241	.02860
#3	.03795	.02650
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39589	--	--	--	--	--	--
SDev	468.8767	--	--	--	--	--	--
%RSD	1.184375	--	--	--	--	--	--
#1	39867	--	--	--	--	--	--
#2	39851	--	--	--	--	--	--
#3	39047	--	--	--	--	--	--

Analysis Report 08/16/04 01:32:50 PM page 1

Method: EPA3 Sample Name: MP26757-MB2 Operator:
Run Time: 08/16/04 13:25:13
Comment: 2
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.16865	.00006	-.00006	.00009	.00158	H.14049	.01265
SDev	.00015	.00007	.00025	.00016	.00006	.00029	.00012
%RSD	.08744	109.55	399.82	173.25	4.0208	.20381	.96250
#1	.16881	-.00000	-.00009	.00006	.00156	H.14058	.01278
#2	.16862	.00005	-.00030	-.00005	.00152	H.14017	.01262
#3	.16852	.00013	.00020	.00027	.00164	H.14072	.01254
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	.20000	.00400	.00400	.05000	.01000	.02500	.01500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00036	.00042	.00087	.01762	H.01362	-.00728	H.03560
SDev	.00094	.00050	.00053	.00021	.00307	.00667	.00175
%RSD	258.56	118.55	61.164	1.2058	22.539	91.520	4.9131
#1	.00093	-.00001	.00143	.01756	H.01098	L-.01441	H.03377
#2	-.00072	.00030	.00037	.01745	H.01699	-.00625	H.03577
#3	.00087	.00097	.00083	.01786	H.01289	-.00120	H.03726
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC High
High	.04000	.01000	.05000	.02000	.00500	.01000	.00300
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H.00745	.00305	.10918	.88464	H1.5027	.20926	-.21391
SDev	.00222	.00124	.00962	.00663	.0049	.01106	.01060
%RSD	29.796	40.621	8.8142	.74944	.32598	5.2838	4.9560
#1	H.00539	.00341	.10292	.87886	H1.5029	.19729	-.21475
#2	H.00980	.00167	.10436	.88318	H1.4977	.21140	-.22406
#3	H.00717	.00407	.12026	.89188	H1.5075	.21909	-.20291
Errors	LC High	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	.00500	.00500	.20000	5.0000	.10000	5.0000	5.0000
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H27.427	.00096	-.00023	H.51457	H.01177	.03511	.03539
SDev	.131	.00030	.00027	.00058	.00150	.00205	.00224
%RSD	.47648	30.979	115.18	.11268	12.775	5.8432	6.3236
#1	H27.573	.00099	-.00054	H.51446	H.01043	.03310	.03366
#2	H27.322	.00124	-.00013	H.51405	H.01150	.03720	.03459
#3	H27.385	.00065	-.00003	H.51519	H.01340	.03504	.03792
Errors	LC High	LC Pass	LC Pass	LC High	LC High	NOCHECK	NOCHECK

High	5.0000	.00500	.05000	.20000	.01000
Low	-5.0000	-.01000	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.00776	.00700
SDev	.00200	.00265
%RSD	25.774	37.887
#1	.00545	.00505
#2	.00876	.01002
#3	.00905	.00592
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39605	--	--	--	--	--	--
SDev	91.81155	--	--	--	--	--	--
%RSD	.2318192	--	--	--	--	--	--
#1	39598	--	--	--	--	--	--
#2	39700	--	--	--	--	--	--
#3	39517	--	--	--	--	--	--

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Method: EPA3 Sample Name: MP26757-LC1 Operator:
Run Time: 08/16/04 13:32:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50010	.50966	.50914	.50687	.50565	.50342	.51091
SDev	.00690	.00697	.00692	.00673	.00787	.00642	.00716
%RSD	1.3797	1.3681	1.3591	1.3287	1.5556	1.2759	1.4008
#1	.49283	.50228	.50179	.49958	.49707	.49654	.50324
#2	.50656	.51614	.51553	.51286	.51252	.50926	.51741
#3	.50089	.51056	.51009	.50818	.50737	.50444	.51207
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.60000	.60000	.60000	.60000	.60000	.60000	.60000
Low	.40000	.40000	.40000	.40000	.40000	.40000	.40000

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50984	.19964	.51497	.51529	.50910	.49764	.50653
SDev	.00673	.00285	.00605	.00784	.00444	.01058	.00963
%RSD	1.3205	1.4273	1.1746	1.5225	.87146	2.1267	1.9017
#1	.50248	.19660	.50911	.50676	.50672	.48603	.49570
#2	.51569	.20226	.52119	.52221	.51422	.50675	.51416
#3	.51135	.20004	.51459	.51690	.50637	.50014	.50971
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.60000	.24000	.60000	.60000	.60000	.60000	.60000
Low	.40000	.16000	.40000	.40000	.40000	.40000	.40000

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48486	.50451	5.0696	5.7546	5.6505	5.7974	5.0673
SDev	.01052	.01294	.0717	.0859	.1045	.0786	.0792
%RSD	2.1689	2.5657	1.4139	1.4935	1.8491	1.3566	1.5633
#1	.47308	.49080	4.9939	5.6627	5.5376	5.7112	4.9854
#2	.49330	.51652	5.1364	5.8330	5.7437	5.8653	5.1436
#3	.48820	.50620	5.0786	5.7681	5.6702	5.8156	5.0730
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.60000	.60000	6.0000	6.6000	6.6000	6.6000	6.0000
Low	.40000	.40000	4.0000	4.4000	4.4000	4.4000	4.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.3767	.52014	L-.00104	H.25559	H.00213	.50733	.50575
SDev	.0885	.00836	.00060	.00254	.00152	.00553	.01186
%RSD	1.6462	1.6070	57.904	.99463	71.342	1.0894	2.3455
#1	5.3031	.51101	L-.00137	H.25790	H.00302	.50199	.49221
#2	5.3522	.52741	L-.00034	H.25601	H.00301	.51302	.51434
#3	5.4749	.52199	L-.00140	H.25287	H.00038	.50697	.51069
Errors	LC Pass	LC Pass	LC Low	LC High	LC High	NOCHECK	NOCHECK

High	6.0000	.60000	.00000	.00000	.00000
Low	4.0000	.40000	.00000	.00000	.00000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.48699	.48348
SDev	.00980	.01092
%RSD	2.0131	2.2581
#1	.47576	.47142
#2	.49387	.49269
#3	.49133	.48632
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37966	--	--	--	--	--	--
SDev	197.4736	--	--	--	--	--	--
%RSD	.5201274	--	--	--	--	--	--
#1	38186	--	--	--	--	--	--
#2	37802	--	--	--	--	--	--
#3	37911	--	--	--	--	--	--

Analysis Report 08/16/04 01:48:14 PM

Method: EPA3 Sample Name: N74800-3 Operator:
Run Time: 08/16/04 13:40:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02860	.01555	2.9074	.01401	.03305	.70373	16.995
SDev	.00043	.00015	.0226	.00057	.00015	.00614	.120
%RSD	1.5194	.93622	.77729	4.1024	.44676	.87255	.70880
#1	.02850	.01542	2.8870	.01335	.03307	.70205	16.887
#2	.02907	.01571	2.9317	.01432	.03318	.71054	17.125
#3	.02822	.01553	2.9035	.01437	.03289	.69861	16.974
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07602	.00102	.00008	k306.89	.00539	k.00383	k36.535
SDev	.00283	.00022	.00097	.60	.00508	.00406	.194
%RSD	3.7209	22.128	1282.4	.19464	94.258	106.03	.52978
#1	.07505	.00079	.00029	k306.21	.00733	k.00071	k36.384
#2	.07921	.00103	-.00099	k307.12	-.00037	k.00842	k36.468
#3	.07381	.00124	.00093	k307.34	.00921	k.00236	k36.753
Errors	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01102	k.00955	21.071	C.00000	.37747	58.092	31.713
SDev	.00148	.00104	.161	.00000	.00899	.407	.292
%RSD	13.433	10.918	.76489	.00000	2.3825	.70146	.91941
#1	.00933	k.01055	21.013	C.00000	.36897	57.742	31.736
#2	.01208	k.00847	21.253	C.00000	.38689	58.539	31.993
#3	.01165	k.00962	20.947	C.00000	.37657	57.994	31.411
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	k-5.3996	.00295	.00032	10.580	.01635	k36.838	k36.384
SDev	.4937	.00047	.00053	.077	.00231	.171	.270
%RSD	9.1431	16.060	163.86	.72699	14.100	.46397	.74321
#1	k-4.9085	.00244	.00007	10.552	.01391	k36.653	k36.249
#2	k-5.3945	.00302	.00093	10.667	.01849	k36.990	k36.207
#3	k-5.8958	.00337	-.00003	10.521	.01665	k36.869	k36.695
Errors	LC Low	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.01646	.00796
SDev	.00240	.00337
%RSD	14.556	42.284
#1	.01911	.00407
#2	.01583	.00988
#3	.01444	.00993
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37617	--	--	--	--	--	--
SDev	123.7718	--	--	--	--	--	--
%RSD	.3290310	--	--	--	--	--	--
#1	37503	--	--	--	--	--	--
#2	37599	--	--	--	--	--	--
#3	37749	--	--	--	--	--	--

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Method: EPA3 Sample Name: MP26791-MB1 Operator:
Run Time: 08/16/04 13:48:17
Comment:
Mode: CONC Corr. Factor: 1

See remm. Carry over from previous sample

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00018	.00003	.00073	-.00014	.00049	-.00005	.00383
SDev	.00026	.00002	.00035	.00063	.00014	.00037	.00091
%RSD	140.37	68.722	47.500	454.78	27.557	815.49	23.780
#1	-.00048	.00001	.00103	.00059	.00034	-.00030	.00481
#2	-.00006	.00002	.00082	-.00050	.00055	-.00023	.00369
#3	-.00001	.00005	.00035	-.00050	.00059	.00038	.00300
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.00400	.00400	.05000	.01000	.02500	.01500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00039	-.00035	.00063	H.11696	-.00205	.00194	H.00763
SDev	.00058	.00042	.00094	.02984	.00385	.00322	.00218
%RSD	148.01	119.61	150.66	25.513	187.71	166.35	28.614
#1	-.00024	-.00009	.00152	H.14908	.00237	.00453	H.00991
#2	-.00104	-.00083	-.00036	H.11170	-.00385	.00295	H.00745
#3	.00010	-.00013	.00073	H.09010	-.00466	-.00167	H.00555
Errors	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass	LC High
High	.04000	.01000	.05000	.02000	.00500	.01000	.00300
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00046	.00160	.00061	.28664	-.00607	.01763	-.25023
SDev	.00237	.00066	.00304	.06291	.01589	.00996	.06078
%RSD	518.63	41.301	498.54	21.946	261.92	56.501	24.290
#1	.00227	.00181	.00251	.35480	.00103	.02847	-.18373
#2	-.00202	.00212	-.00290	.27431	-.02427	.00889	-.30291
#3	-.00163	.00086	.00222	.23082	.00504	.01552	-.26404
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00500	.00500	.20000	5.0000	.10000	5.0000	5.0000
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11376	.00127	-.00054	.01051	.00472	.00552	.00823
SDev	.43032	.00114	.00131	.00307	.00291	.00682	.00296
%RSD	378.26	89.595	244.07	29.226	61.594	123.53	35.932
#1	.59759	.00246	.00085	.01404	.00712	.00712	.01083
#2	-.22617	.00118	-.00176	.00898	.00555	.01141	.00501
#3	-.03013	.00018	-.00069	.00850	.00149	-.00195	.00884
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	5.0000	.00500	.05000	.20000	.01000
Low	-5.0000	-.01000	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00165	-.00017
SDev	.00428	.00231
%RSD	259.67	1350.1
#1	.00244	.00188
#2	-.00130	-.00268
#3	-.00609	.00029
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38915	--	--	--	--	--	--
SDev	586.7021	--	--	--	--	--	--
%RSD	1.507642	--	--	--	--	--	--
#1	38376	--	--	--	--	--	--
#2	39540	--	--	--	--	--	--
#3	38830	--	--	--	--	--	--

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Method: EPA3 Sample Name: MP26791-B1 Operator:
Run Time: 08/16/04 13:55:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.9518	.09761	.09962	.97994	.39307	.50376	.99291
SDev	.0089	.00033	.00010	.00404	.00086	.00119	.00302
%RSD	.22630	.34198	.09973	.41265	.21908	.23533	.30463
#1	3.9528	.09727	.09958	.97703	.39263	.50399	.99079
#2	3.9423	.09761	.09955	.97823	.39252	.50248	.99157
#3	3.9601	.09794	.09973	.98455	.39406	.50482	.99637
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99590	.09970	.99870	.99264	3.9045	3.9187	.99703
SDev	.00494	.00077	.00814	.00267	.0134	.0263	.02126
%RSD	.49553	.77699	.81492	.26892	.34328	.67166	2.1322
#1	.99464	.09885	.99862	.99548	3.9014	3.9064	.98406
#2	.99172	.10036	.99060	.99018	3.8929	3.9008	1.0216
#3	1.0013	.09989	1.0069	.99226	3.9192	3.9489	.98547
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.8434	.95213	55.278	12.510	53.460	12.397	14.305
SDev	.0700	.01859	.151	.038	.173	.046	.051
%RSD	1.8211	1.9519	.27348	.30744	.32332	.37102	.35938
#1	3.7949	.93405	55.203	12.480	53.375	12.369	14.268
#2	3.9236	.95118	55.180	12.498	53.345	12.371	14.284
#3	3.8115	.97118	55.452	12.553	53.658	12.450	14.364
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.728	.00003	-.00171	.01229	-.00048	.98710	1.0016
SDev	.336	.00148	.00160	.00374	.00249	.00636	.0341
%RSD	2.6378	4791.0	93.381	30.449	519.59	.64454	3.4055
#1	12.768	.00154	-.00267	.00805	.00239	.98510	.98315
#2	12.374	-.00142	.00013	.01513	-.00199	.98199	1.0410
#3	13.042	-.00002	-.00259	.01369	-.00184	.99423	.98974
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

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High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	3.8096	3.8599
SDev	.0224	.1126
%RSD	.58897	2.9178
#1	3.8040	3.7901
#2	3.7905	3.9899
#3	3.8343	3.7999
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38699	--	--	--	--	--	--
SDev	127.7236	--	--	--	--	--	--
%RSD	.3300465	--	--	--	--	--	--
#1	38741	--	--	--	--	--	--
#2	38800	--	--	--	--	--	--
#3	38555	--	--	--	--	--	--

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Method: EPA3 Sample Name: CCV Operator:
Run Time: 08/16/04 14:03:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0091	2.0287	1.9964	1.9845	2.0122	1.9836	1.9984
SDev	.0040	.0164	.0170	.0139	.0160	.0058	.0148
%RSD	.19717	.81042	.85004	.70132	.79762	.29072	.73974
#1	2.0127	2.0409	2.0077	1.9960	2.0251	1.9893	2.0106
#2	2.0048	2.0352	2.0046	1.9886	2.0173	1.9778	2.0027
#3	2.0098	2.0100	1.9769	1.9690	1.9942	1.9835	1.9820
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0097	.25481	2.0583	1.9813	2.0282	2.0145	1.9971
SDev	.0143	.00075	.0151	.0233	.0109	.0103	.0164
%RSD	.71095	.29253	.73249	1.1776	.53732	.51110	.82110
#1	2.0213	.25567	2.0725	1.9981	2.0395	2.0258	2.0033
#2	2.0142	.25450	2.0601	1.9912	2.0272	2.0056	2.0094
#3	1.9938	.25428	2.0425	1.9547	2.0178	2.0120	1.9785
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	.25000	2.0000	2.0000	2.0000	2.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0347	1.9931	40.194	40.035	41.256	40.946	40.108
SDev	.0170	.0093	.111	.359	.292	.230	.174
%RSD	.83727	.46490	.27549	.89572	.70772	.56081	.43487
#1	2.0407	2.0038	40.320	40.304	41.506	41.157	40.137
#2	2.0479	1.9872	40.116	40.174	41.326	40.980	39.921
#3	2.0155	1.9883	40.144	39.628	40.935	40.701	40.266
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	2.0000	40.000	40.000	40.000	40.000	40.000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	40.445	2.0310	1.9658	5.1098	2.0387	1.9899	2.0003
SDev	.221	.0167	.0068	.0169	.0198	.0432	.0064
%RSD	.54597	.82468	.34765	.32986	.97347	2.1715	.31982
#1	40.280	2.0444	1.9736	5.1252	2.0556	2.0174	1.9959
#2	40.359	2.0363	1.9626	5.1123	2.0437	2.0122	2.0076
#3	40.696	2.0122	1.9611	5.0918	2.0169	1.9401	1.99[illegible]
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

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Value	40.000	2.0000	2.0000	5.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	2.0229	2.0403
SDev	.0379	.0095
%RSD	1.8735	.46534
#1	2.0483	2.0365
#2	2.0410	2.0511
#3	1.9793	2.0332
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38150	--	--	--	--	--	--
SDev	209.1247	--	--	--	--	--	--
%RSD	.5481663	--	--	--	--	--	--
#1	37975	--	--	--	--	--	--
#2	38093	--	--	--	--	--	--
#3	38382	--	--	--	--	--	--

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Method: EPA3 Sample Name: CCB Operator:
Run Time: 08/16/04 14:11:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00032	Q.00050	.00036	.00050	.00003	-.00025	.00061
SDev	.00012	.00001	.00036	.00032	.00039	.00050	.00005
%RSD	36.330	1.3662	99.907	64.509	1222.5	197.51	8.6028
#1	-.00030	Q.00051	.00077	.00078	.00041	-.00012	.00057
#2	-.00021	Q.00050	.00011	.00015	.00005	-.00080	.00058
#3	-.00044	.00050	.00020	.00057	-.00037	.00017	.00067
Errors	QC Pass	QC Fail	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.02000	.00050	.00090	.00500	.00240	.00270	.00150

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00032	.00030	.00139	.00134	.00197	.00142	-.00079
SDev	.00044	.00025	.00058	.00067	.00125	.00537	.00073
%RSD	137.83	82.524	41.918	49.905	63.404	379.42	91.733
#1	.00002	.00058	.00164	.00210	.00287	.00736	-.00003
#2	.00012	.00009	.00073	.00082	.00054	-.00000	-.00147
#3	.00083	.00025	.00181	.00112	.00249	-.00311	-.00088
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.00400	.00210	.00500	.00270	.00500	.01000	.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00051	.00253	.01783	.00597	.01495	.02899	-.21254
SDev	.00042	.00206	.00200	.00101	.01249	.00507	.01018
%RSD	82.706	81.312	11.239	16.850	83.528	17.491	4.7909
#1	-.00024	.00339	.01553	.00512	.01271	.02894	-.22320
#2	-.00029	.00402	.01876	.00572	.00374	.02395	-.20291
#3	-.00099	.00018	.01920	.00708	.02842	.03409	-.21151
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.00500	.00500	.02970	.50000	.05520	.50000	.50000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.25871	.00227	.00118	-.01306	.00245	-.00397	.00034
SDev	.15702	.00030	.00018	.00243	.00219	.00231	.00010
%RSD	60.692	13.260	15.171	18.620	89.432	58.190	27.881
#1	-.10476	.00251	.00108	-.01412	.00497	-.00147	.00024
#2	-.41862	.00193	.00106	-.01478	.00105	-.00604	.00035
#3	-.25276	.00237	.00138	-.01028	.00132	-.00442	.00043
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

Value	.00000	.00000	.00000	.00000	.00000
Range	.50940	.00300	.08100	.02300	.00690

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00351	.00069
SDev	.00195	.00084
%RSD	55.661	122.87
#1	-.00126	-.00004
#2	-.00470	.00161
#3	-.00458	.00049
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39022	--	--	--	--	--	--
SDev	295.9319	--	--	--	--	--	--
%RSD	.7583641	--	--	--	--	--	--
#1	39330	--	--	--	--	--	--
#2	38739	--	--	--	--	--	--
#3	38998	--	--	--	--	--	--

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Method: EPA3 Sample Name: MP26791-S1 Operator:
Run Time: 08/16/04 14:19:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.7399	.09294	.08974	.88221	.60933	.58657	1.3017
SDev	.0495	.00126	.00179	.01131	.00873	.00829	.0182
%RSD	1.3228	1.3521	1.9993	1.2825	1.4327	1.4139	1.3992
#1	3.6894	.09166	.08794	.87083	.60057	.57779	1.2832
#2	3.7420	.09301	.08976	.88235	.60937	.58766	1.3022
#3	3.7883	.09417	.09153	.89345	.61803	.59427	1.3196
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.92588	.08757	1.6139	1.1098	3.5333	3.3779	1.5309
SDev	.01375	.00110	.0215	.0154	.0397	.0501	.0174
%RSD	1.4853	1.2595	1.3311	1.3852	1.1226	1.4844	1.1353
#1	.91211	.08647	1.5909	1.0948	3.4962	3.3258	1.5154
#2	.92592	.08757	1.6174	1.1091	3.5286	3.3819	1.5275
#3	.93962	.08867	1.6334	1.1255	3.5751	3.4259	1.5497
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.2543	.07338	231.59	14.027	380.81	20.557	23.146
SDev	.0423	.00385	3.23	.189	5.36	.278	.261
%RSD	1.2992	5.2432	1.3959	1.3470	1.4078	1.3516	1.1283
#1	3.2143	.06962	228.22	13.833	375.14	20.267	22.869
#2	3.2500	.07321	231.89	14.037	381.50	20.585	23.182
#3	3.2985	.07731	234.66	14.210	385.79	20.821	23.387
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.832	.00812	-.02359	1.0632	.02714	1.5539	1.5189
SDev	.075	.00052	.00074	.0190	.00400	.0227	.0149
%RSD	.63258	6.4633	3.1281	1.7844	14.726	1.4623	.97804
#1	11.801	.00854	-.02313	1.0422	.02290	1.5362	1.5046
#2	11.777	.00828	-.02320	1.0791	.03083	1.5459	1.5179
#3	11.917	.00753	-.02444	1.0683	.02770	1.5795	1.5343
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

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High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	3.2853	3.2385
SDev	.0467	.0403
%RSD	1.4218	1.2433
#1	3.2382	3.2021
#2	3.2862	3.2316
#3	3.3316	3.2817
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38878	--	--	--	--	--	--
SDev	367.4923	--	--	--	--	--	--
%RSD	.9452352	--	--	--	--	--	--
#1	39211	--	--	--	--	--	--
#2	38940	--	--	--	--	--	--
#3	38484	--	--	--	--	--	--

Analysis Report 08/16/04 02:35:35 PM

Method: EPA3 Sample Name: N75002-1A Operator:
Run Time: 08/16/04 14:27:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.30546	.00014	.00014	.00513	.00049	.00087	1.7963
SDev	.00154	.00003	.00025	.00057	.00025	.00042	.0053
%RSD	.50302	17.973	176.64	11.109	51.715	47.943	.29626
#1	.30720	.00014	.00041	.00542	.00077	.00112	1.8025
#2	.30428	.00011	-.00006	.00549	.00041	.00039	1.7933
#3	.30490	.00016	.00007	.00447	.00028	.00108	1.7932
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00721	.00003	.00118	.04673	.00875	-.00627	.00123
SDev	.00076	.00032	.00017	.00034	.00528	.00062	.00211
%RSD	10.488	907.49	14.346	.72424	60.351	9.8907	172.60
#1	.00635	-.00030	.00108	.04667	.00779	-.00560	.00324
#2	.00752	.00032	.00108	.04642	.00401	-.00682	-.00098
#3	.00776	.00009	.00137	.04709	.01443	-.00639	.00141
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00467	-.00331	.09574	243.91	.08571	121.41	6.0621
SDev	.00276	.00031	.00416	.83	.01232	.47	.0249
%RSD	59.195	9.3269	4.3406	.34024	14.376	.39040	.41069
#1	.00785	-.00300	.10036	244.85	.09172	121.95	6.0907
#2	.00291	-.00331	.09455	243.57	.09388	121.20	6.0457
#3	.00324	-.00362	.09231	243.30	.07154	121.08	6.0498
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H978.22	.00127	-.00009	2.6646	.01177	.00001	.00137
SDev	1.27	.00138	.00103	.0063	.00160	.00539	.00049
%RSD	.12957	108.80	1128.7	.23694	13.553	78630.	36.142
#1	H979.55	.00156	-.00011	2.6715	.01361	.00498	.00190
#2	H977.03	.00249	.00095	2.6591	.01076	-.00572	.00093
#3	H978.09	-.00023	-.00112	2.6631	.01095	.00076	.00127
Errors	LC High	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.00418	.00460
SDev	.00502	.00217
%RSD	120.17	47.085
#1	.00926	.00684
#2	-.00079	.00445
#3	.00407	.00251
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38446	--	--	--	--	--	--
SDev	281.2001	--	--	--	--	--	--
%RSD	.7314233	--	--	--	--	--	--
#1	38165	--	--	--	--	--	--
#2	38445	--	--	--	--	--	--
#3	38727	--	--	--	--	--	--

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Method: EPA3 Sample Name: N75002-2A Operator:
Run Time: 08/16/04 14:35:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.28852	.00011	-.00002	.00575	.00041	.00034	1.7877
SDev	.00411	.00003	.00003	.00057	.00042	.00064	.0269
%RSD	1.4252	25.412	190.00	10.004	104.05	186.44	1.5031
#1	.29327	.00012	-.00001	.00621	.00074	.00045	1.8187
#2	.28634	.00014	-.00006	.00510	.00055	-.00034	1.7737
#3	.28597	.00008	.00001	.00594	-.00007	.00092	1.7707
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00752	.00001	.00111	.03207	.00883	-.00475	.00067
SDev	.00146	.00043	.00009	.00051	.00042	.00584	.00195
%RSD	19.374	3191.8	7.8261	1.5962	4.7874	123.09	289.67
#1	.00920	-.00012	.00107	.03261	.00895	.00084	.00254
#2	.00668	-.00033	.00121	.03159	.00918	-.00426	.00084
#3	.00668	.00049	.00105	.03202	.00836	L-.01082	-.00135
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00414	-.00355	.07850	245.15	.05769	118.31	5.0795
SDev	.00191	.00196	.00666	3.97	.00145	1.79	.1014
%RSD	46.028	55.246	8.4888	1.6212	2.5162	1.5109	1.9964
#1	.00221	-.00219	.08596	249.73	.05747	120.37	5.1964
#2	.00603	-.00267	.07640	243.04	.05924	117.41	5.0252
#3	.00419	L-.00580	.07313	242.67	.05636	117.15	5.0167
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H970.94	.00116	-.00051	2.1636	.00939	-.00122	.00115
SDev	9.19	.00064	.00105	.0352	.00233	.00228	.00178
%RSD	.94653	55.721	207.99	1.6261	24.823	187.24	154.79
#1	H981.53	.00101	-.00138	2.2042	.00926	.00107	.00280
#2	H966.25	.00059	-.00080	2.1411	.01178	-.00123	.00141
#3	H965.04	.00186	.00066	2.1456	.00713	-.00349	-.00075
Errors	LC High	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

1629

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00008	.00595
SDev	.00326	.00387
%RSD	4008.7	65.089
#1	-.00024	.00312
#2	-.00326	.01036
#3	.00325	.00436
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38661	--	--	--	--	--	--
SDev	512.3946	--	--	--	--	--	--
%RSD	1.325369	--	--	--	--	--	--
#1	38078	--	--	--	--	--	--
#2	38860	--	--	--	--	--	--
#3	39043	--	--	--	--	--	--

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Method: EPA3 Sample Name: MP26772-MB2 Operator:
Run Time: 08/16/04 14:44:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01410	.00000	-.00006	-.00007	.00091	.00125	.00336
SDev	.00011	.00001	.00006	.00018	.00021	.00038	.00013
%RSD	.77771	281.05	87.834	260.72	22.784	30.755	3.9293
#1	.01422	.00001	-.00008	-.00018	.00113	.00101	.00352
#2	.01401	-.00001	-.00011	.00014	.00088	.00170	.00329
#3	.01407	.00000	-.00000	-.00018	.00072	.00105	.00329
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.00400	.00400	.05000	.01000	.02500	.01500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00721	.00011	.00131	.00805	.00060	-.00527	-.00190
SDev	.00101	.00016	.00045	.00048	.00107	.00383	.00085
%RSD	14.005	148.65	34.687	6.0083	179.70	72.545	44.661
#1	.00704	.00017	.00183	.00779	.00090	-.00813	-.00205
#2	.00830	.00022	.00105	.00776	-.00059	-.00676	-.00266
#3	.00630	-.00007	.00104	.00861	.00148	-.00093	-.00099
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.04000	.01000	.05000	.02000	.00500	.01000	.00300
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00484	.00042	.07734	H10.315	.04036	3.9353	.75458
SDev	.00165	.00179	.00435	.011	.01268	.0099	.00876
%RSD	34.007	426.84	5.6287	.10963	31.411	.25243	1.1615
#1	.00303	.00069	.08228	H10.302	.02590	3.9248	.76439
#2	H.00525	.00206	.07408	H10.322	.04959	3.9368	.74752
#3	H.00624	-.00149	.07565	H10.321	.04559	3.9445	.75183
Errors	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass	LC Pass
High	.00500	.00500	.20000	5.0000	.10000	5.0000	5.0000
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H969.51	.00282	.00066	H1.2749	H.01069	-.00140	-.00261
SDev	3.93	.00101	.00044	.0123	.00076	.00270	.00008
%RSD	.40567	35.599	67.078	.96463	7.0944	192.99	3.0913
#1	H965.31	.00363	.00096	H1.2881	.00994	-.00195	-.00257
#2	H970.11	.00170	.00087	H1.2729	H.01146	-.00379	-.00256
#3	H973.10	.00315	.00015	H1.2638	H.01069	.00153	-.00270
Errors	LC High	LC Pass	LC Pass	LC High	LC High	NOCHECK	NOCHECK

High	5.0000	.00500	.05000	.20000	.01000
Low	-5.0000	-.01000	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.00516	.00437
SDev	.00220	.00247
%RSD	42.726	56.419
#1	.00386	.00230
#2	.00770	.00372
#3	.00391	.00710
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38976	--	--	--	--	--	--
SDev	305.3295	--	--	--	--	--	--
%RSD	.7833836	--	--	--	--	--	--
#1	38623	--	--	--	--	--	--
#2	39148	--	--	--	--	--	--
#3	39156	--	--	--	--	--	--

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Method: EPA3 Sample Name: MP26772-LC1 Operator:
Run Time: 08/16/04 14:51:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49381	.49783	.49911	.49478	.49668	.49289	.49963
SDev	.00298	.00245	.00236	.00228	.00295	.00314	.00280
%RSD	.60338	.49173	.47296	.46023	.59422	.63771	.55998
#1	.49038	.49512	.49655	.49222	.49365	.49042	.49672
#2	.49574	.49988	.50119	.49658	.49954	.49643	.50230
#3	.49532	.49849	.49960	.49553	.49686	.49183	.49988
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.60000	.60000	.60000	.60000	.60000	.60000	.60000
Low	.40000	.40000	.40000	.40000	.40000	.40000	.40000

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49853	.19630	.50831	.49830	.49825	.49738	.49507
SDev	.00092	.00127	.00253	.00192	.00802	.00946	.00332
%RSD	.18350	.64743	.49798	.38430	1.6102	1.9024	.67054
#1	.49753	.19513	.50544	.49612	.49325	.49484	.49249
#2	.49874	.19765	.51023	.49970	.50751	.48944	.49881
#3	.49932	.19611	.50925	.49909	.49400	.50785	.49390
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.60000	.24000	.60000	.60000	.60000	.60000	.60000
Low	.40000	.16000	.40000	.40000	.40000	.40000	.40000

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48021	.49154	4.9914	5.7663	5.5690	5.7275	5.0266
SDev	.00146	.00580	.0375	.0329	.0199	.0373	.0464
%RSD	.30432	1.1800	.75150	.57116	.35792	.65204	.92302
#1	.48190	.48701	4.9506	5.7323	5.5478	5.6866	4.9731
#2	.47949	.49808	5.0244	5.7981	5.5874	5.7598	5.0567
#3	.47926	.48954	4.9992	5.7685	5.5719	5.7361	5.0498
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.60000	.60000	6.0000	6.6000	6.6000	6.6000	6.0000
Low	.40000	.40000	4.0000	4.4000	4.4000	4.4000	4.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.3374	.51108	L-.00148	H.47938	L-.00048	.49601	.49423
SDev	.0250	.00460	.00113	.00183	.00262	.00147	.00439
%RSD	.46797	.89928	76.467	.38181	543.43	.29668	.88894
#1	5.3649	.50588	L-.00082	H.47918	L-.00339	.49437	.49116
#2	5.3161	.51273	L-.00084	H.48130	H.00171	.49722	.49926
#3	5.3312	.51462	L-.00279	H.47765	H.00024	.49642	.49226
Errors	LC Pass	LC Pass	LC Low	LC High	LC Low	NOCHECK	NOCHECK

High	6.0000	.60000	.00000	.00000	.00000
Low	4.0000	.40000	.00000	.00000	.00000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.47861	.48070
SDev	.00145	.00270
%RSD	.30282	.56184
#1	.47748	.48379
#2	.48025	.47880
#3	.47811	.47952
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38486	--	--	--	--	--	--
SDev	179.2677	--	--	--	--	--	--
%RSD	.4657982	--	--	--	--	--	--
#1	38561	--	--	--	--	--	--
#2	38282	--	--	--	--	--	--
#3	38616	--	--	--	--	--	--

Analysis Report 08/16/04 03:07:26 PM

Method: EPA3 Sample Name: N74800-3 Operator:
Run Time: 08/16/04 14:59:54
Comment:
Mode: CONC Corr. Factor: 2

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02877	.01585	2.9634	.01475	.03476	.68105	17.619
SDev	.00015	.00011	.0137	.00031	.00094	.00046	.064
%RSD	.53320	.66502	.46388	2.1118	2.7028	.06715	.36523
#1	.02872	.01574	2.9533	.01462	.03464	.68148	17.556
#2	.02894	.01587	2.9578	.01510	.03389	.68057	17.617
#3	.02865	.01595	2.9791	.01452	.03576	.68110	17.685
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07636	.00161	-.00033	H422.51	-.00158	L-.01212	37.131
SDev	.00231	.00069	.00242	3.37	.00397	.01138	.256
%RSD	3.0212	42.822	738.29	.79718	252.10	93.896	.68906
#1	.07835	.00238	-.00303	H419.91	-.00138	L-.02376	36.999
#2	.07383	.00142	.00039	H421.31	L-.00564	-.00103	36.969
#3	.07689	.00104	.00165	H426.32	.00229	L-.01156	37.426
Errors	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Low	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01249	-.00015	20.553	H1514.1	.38379	58.729	31.021
SDev	.00314	.00558	.023	11.9	.00809	.112	.051
%RSD	25.103	3791.9	.11348	.78295	2.1078	.19012	.16474
#1	.01526	L-.00658	20.527	H1502.9	.39120	58.614	31.043
#2	.00908	.00328	20.562	H1512.9	.37516	58.734	30.963
#3	.01314	.00286	20.571	H1526.5	.38499	58.838	31.058
Errors	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.67263	.00775	.00226	11.442	.01942	37.311	37.041
SDev	1.0925	.00395	.00167	.027	.00720	.634	.166
%RSD	162.43	50.958	74.164	.23987	37.102	1.6981	.44839
#1	1.6448	.00323	.00212	11.428	.01195	36.736	37.130
#2	.88283	.01054	.00066	11.424	.02632	37.205	36.850
#3	-.50973	.00949	.00400	11.473	.01999	37.990	37.144
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.01452	.01088
SDev	.02362	.01467
%RSD	162.66	134.83
#1	-.01082	.02775
#2	.01847	.00377
#3	.03593	.00112
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38490	--	--	--	--	--	--
SDev	137.7951	--	--	--	--	--	--
%RSD	.3580060	--	--	--	--	--	--
#1	38613	--	--	--	--	--	--
#2	38515	--	--	--	--	--	--
#3	38341	--	--	--	--	--	--

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Method: EPA3 Sample Name: ~~N75070-4~~ M5040-4 Operator:
Run Time: 08/16/04 15:07:30
Comment:
Mode: CONC Corr. Factor: 1 ND 8/17/04

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.30858	.00447	.00260	.03269	.25205	.14505	.57753
SDev	.00149	.00003	.00046	.00015	.00097	.00056	.00189
%RSD	.48165	.74254	17.689	.46767	.38565	.38809	.32695
#1	.30729	.00449	.00305	.03286	.25190	.14502	.57667
#2	.30825	.00443	.00263	.03257	.25116	.14450	.57622
#3	.31020	.00449	.00213	.03264	.25309	.14562	.57970
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06540	.00092	.70001	.34499	.18417	.00259	.59291
SDev	.00069	.00005	.00258	.00760	.00173	.00531	.00225
%RSD	1.0589	5.6335	.36853	2.2037	.93774	204.68	.38011
#1	.06562	.00098	.69938	.35222	.18402	.00292	.59080
#2	.06462	.00089	.69781	.34569	.18252	.00773	.59263
#3	.06595	.00088	.70285	.33706	.18596	-.00287	.59529
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00883	-.00280	162.51	2.8786	354.08	8.9883	12.063
SDev	.00168	.00259	.78	.0074	1.52	.0376	.062
%RSD	19.023	92.421	.47746	.25845	.42844	.41835	.51411
#1	.01071	-.00221	161.87	2.8869	353.03	8.9738	12.000
#2	.00746	-.00055	162.28	2.8763	353.38	8.9600	12.065
#3	.00833	L-.00563	163.37	2.8725	355.82	9.0309	12.124
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.80288	.00566	-.02138	.91696	.02645	.60522	.58644
SDev	.05517	.00146	.00093	.00558	.00326	.00415	.00501
%RSD	6.8712	25.826	4.3309	.60850	12.325	.68627	.85469
#1	.86395	.00708	-.02122	.91058	.02473	.60991	.58095
#2	.78805	.00416	-.02054	.91943	.02441	.60203	.58759
#3	.75664	.00574	-.02237	.92089	.03021	.60371	.59076
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

637

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00468	.01531
SDev	.00165	.00329
%RSD	35.256	21.456
#1	-.00606	.01882
#2	-.00285	.01231
#3	-.00514	.01480
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39518	--	--	--	--	--	--
SDev	256.3882	--	--	--	--	--	--
%RSD	.6487818	--	--	--	--	--	--
#1	39495	--	--	--	--	--	--
#2	39786	--	--	--	--	--	--
#3	39274	--	--	--	--	--	--

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Method: EPA3 Sample Name: N75040-1 Operator:
Run Time: 08/16/04 15:15:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08806	.00023	.00089	.00156	.01910	.07665	.11954
SDev	.00179	.00003	.00018	.00069	.00037	.00200	.00326
%RSD	2.0334	15.551	20.458	44.291	1.9285	2.6117	2.7243
#1	.09013	.00020	.00110	.00076	.01937	.07893	.12315
#2	.08690	.00027	.00078	.00194	.01868	.07584	.11866
#3	.08717	.00022	.00079	.00199	.01923	.07517	.11682
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00851	-.00025	.02282	.12597	.02616	-.00526	1.8890
SDev	.00194	.00049	.00334	.00853	.00181	.00707	.0433
%RSD	22.817	195.50	14.655	6.7709	6.9210	134.39	2.2904
#1	.01002	-.00069	.02558	.13524	.02580	-.00358	1.8929
#2	.00632	-.00034	.02379	.12421	.02456	.00082	1.8439
#3	.00918	.00028	.01910	.11846	.02813	L-.01302	1.9302
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00023	.00699	11.042	34.483	12.040	5.8040	.74629
SDev	.00358	.00101	.244	.957	.397	.1476	.07543
%RSD	1580.8	14.487	2.2125	2.7763	3.2994	2.5431	10.107
#1	-.00155	.00583	11.322	35.498	12.458	5.9664	.82158
#2	.00383	.00744	10.929	34.357	11.995	5.7678	.74658
#3	-.00296	.00771	10.874	33.596	11.668	5.6780	.67072
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15432	.00009	-.00375	.72237	.01401	1.8914	1.8875
SDev	.10890	.00384	.00138	.01857	.00992	.0295	.0534
%RSD	70.565	4300.4	36.666	2.5704	70.818	1.5575	2.8297
#1	.11594	.00232	-.00510	.74381	.02071	1.9128	1.8827
#2	.06982	.00230	-.00381	.71152	.01872	1.8578	1.8367
#3	.27722	-.00435	-.00235	.71178	.00261	1.9036	1.943[illegible]
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

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High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00406	.00137
SDev	.00805	.00137
%RSD	198.21	99.806
#1	-.00655	.00062
#2	.00494	.00296
#3	-.01057	.00054
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37933	--	--	--	--	--	--
SDev	1004.552	--	--	--	--	--	--
%RSD	2.648203	--	--	--	--	--	--
#1	36863	--	--	--	--	--	--
#2	38081	--	--	--	--	--	--
#3	38856	--	--	--	--	--	--

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Method: EPA3 Sample Name: N75040-2 Operator:
Run Time: 08/16/04 15:22:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24581	.00317	.00177	.01119	.20301	.26744	.12036
SDev	.00083	.00001	.00023	.00048	.00106	.00088	.00044
%RSD	.33751	.27232	12.902	4.3053	.52005	.33042	.36116
#1	.24657	.00318	.00167	.01069	.20288	.26837	.12051
#2	.24595	.00318	.00203	.01165	.20413	.26736	.12070
#3	.24493	.00316	.00161	.01123	.20203	.26661	.11987
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03718	.00336	.55573	.17531	.77369	.00674	H87.364
SDev	.00074	.00027	.00216	.00079	.00198	.00239	.244
%RSD	1.9921	7.9874	.38885	.44902	.25634	35.439	.27980
#1	.03799	.00328	.55707	.17587	.77458	.00744	H87.204
#2	.03653	.00313	.55689	.17565	.77508	.00869	H87.645
#3	.03704	.00365	.55324	.17441	.77142	.00408	H87.243
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01246	.21276	148.22	8.8911	267.91	6.6461	9.4952
SDev	.00403	.00964	.33	.0309	.87	.0204	.0352
%RSD	32.368	4.5328	.22577	.34731	.32313	.30708	.37074
#1	.01131	.20180	148.37	8.8962	268.32	6.6438	9.5306
#2	.01694	.21652	148.45	8.9191	268.50	6.6675	9.4947
#3	.00912	.21996	147.83	8.8580	266.92	6.6269	9.4602
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.70923	.00716	-.01636	.67294	.03453	87.815	87.138
SDev	.05602	.00057	.00096	.00190	.00039	.185	.277
%RSD	7.8989	7.9719	5.8567	.28253	1.1366	.21117	.31781
#1	.66291	.00689	-.01746	.67329	.03429	87.658	86.977
#2	.69329	.00678	-.01573	.67089	.03498	88.019	87.458
#3	.77150	.00782	-.01589	.67465	.03432	87.767	86.9[illegible]
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

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High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.00424	.01627
SDev	.00281	.00464
%RSD	66.191	28.539
#1	.00349	.01493
#2	.00735	.02143
#3	.00189	.01244
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40375	--	--	--	--	--	--
SDev	271.7884	--	--	--	--	--	--
%RSD	.6731524	--	--	--	--	--	--
#1	40292	--	--	--	--	--	--
#2	40155	--	--	--	--	--	--
#3	40679	--	--	--	--	--	--

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Method: EPA3 Sample Name: CCV Operator:
Run Time: 08/16/04 15:30:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9888	2.0071	1.9700	1.9538	1.9910	1.9570	1.9732
SDev	.0079	.0105	.0117	.0093	.0100	.0064	.0092
%RSD	.39636	.52082	.59413	.47620	.50253	.32508	.46713
#1	1.9798	1.9970	1.9568	1.9443	1.9816	1.9497	1.9638
#2	1.9920	2.0065	1.9741	1.9541	1.9899	1.9598	1.9736
#3	1.9945	2.0179	1.9790	1.9629	2.0015	1.9614	1.9822
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9902	.25155	2.0480	1.9545	2.0154	2.0034	1.9972
SDev	.0085	.00059	.0056	.0099	.0013	.0101	.0127
%RSD	.42514	.23596	.27159	.50787	.06345	.50200	.63549
#1	1.9842	.25104	2.0427	1.9455	2.0167	1.9922	1.9871
#2	1.9865	.25140	2.0475	1.9529	2.0142	2.0116	1.9930
#3	1.9999	.25220	2.0538	1.9651	2.0153	2.0063	2.0114
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	.25000	2.0000	2.0000	2.0000	2.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0328	1.9541	39.718	39.568	40.869	40.643	39.396
SDev	.0193	.0104	.129	.197	.177	.182	.135
%RSD	.94903	.53075	.32412	.49818	.43306	.44854	.34280
#1	2.0210	1.9439	39.569	39.372	40.681	40.449	39.240
#2	2.0223	1.9540	39.799	39.567	40.894	40.668	39.473
#3	2.0550	1.9646	39.784	39.766	41.032	40.811	39.474
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	2.0000	40.000	40.000	40.000	40.000	40.000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	39.540	2.0153	1.9371	5.0564	2.0298	2.0073	1.9917
SDev	.104	.0123	.0066	.0157	.0092	.0134	.0124
%RSD	.26238	.60817	.33826	.31036	.45430	.66529	.62041
#1	39.445	2.0035	1.9302	5.0426	2.0204	1.9974	1.9814
#2	39.524	2.0145	1.9432	5.0531	2.0300	2.0021	1.9882
#3	39.651	2.0280	1.9379	5.0735	2.0389	2.0225	2.0054
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

Value	40.000	2.0000	2.0000	5.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	2.0297	2.0340
SDev	.0118	.0233
%RSD	.58261	1.1440
#1	2.0258	2.0183
#2	2.0204	2.0229
#3	2.0430	2.0607
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39025	--	--	--	--	--	--
SDev	210.5468	--	--	--	--	--	--
%RSD	.5395169	--	--	--	--	--	--
#1	39240	--	--	--	--	--	--
#2	39016	--	--	--	--	--	--
#3	38819	--	--	--	--	--	--

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Method: EPA3 Sample Name: CCB Operator:
Run Time: 08/16/04 15:43:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00064	.00019	-.00002	.00014	.00019	-.00071	.00022
SDev	.00011	.00004	.00034	.00065	.00034	.00025	.00004
%RSD	17.262	21.992	1727.5	468.70	179.57	35.124	19.958
#1	-.00058	.00023	.00031	.00045	.00030	-.00094	.00026
#2	-.00077	.00019	.00001	-.00061	-.00019	-.00045	.00017
#3	-.00057	.00015	-.00037	.00057	.00046	-.00073	.00022
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.02000	.00050	.00090	.00500	.00240	.00270	.00150

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00128	.00011	.00062	.00040	-.00319	.00034	.00274
SDev	.00037	.00022	.00062	.00015	.00619	.00366	.00096
%RSD	28.612	204.58	99.674	36.166	194.03	1087.0	35.127
#1	-.00123	.00020	-.00004	.00044	.00199	.00360	Q.00337
#2	-.00094	-.00015	.00118	.00024	Q-.01005	-.00362	Q.00322
#3	-.00167	.00028	.00073	.00052	-.00152	.00103	.00163
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.00400	.00210	.00500	.00270	.00500	.01000	.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00055	.00094	.00360	-.01740	.01759	.00299	-.27265
SDev	.00208	.00324	.00205	.00043	.00828	.00760	.00880
%RSD	376.65	342.42	57.040	2.4842	47.068	254.03	3.2263
#1	.00141	-.00016	.00334	-.01690	.01287	.01100	-.27840
#2	-.00273	-.00159	.00169	-.01771	.01276	-.00411	-.27704
#3	-.00034	.00459	.00578	-.01757	.02716	.00208	-.26253
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.00500	.00500	.02970	.50000	.05520	.50000	.50000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.28991	.00039	.00012	-.01647	.00254	.00031	.00350
SDev	.09888	.00027	.00042	.00177	.00256	.00151	.00133
%RSD	34.108	68.870	338.22	10.725	100.79	492.73	37.906
#1	-.38029	.00069	.00027	-.01616	.00226	-.00060	.00489
#2	-.30515	.00034	-.00035	-.01837	.00523	.00205	.00335
#3	-.18429	.00015	.00046	-.01487	.00013	-.00053	.00215
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

Value	.00000	.00000	.00000	.00000	.00000
Range	.50940	.00300	.08100	.02300	.00690

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00056	-.00085
SDev	.00384	.00314
%RSD	683.09	368.19
#1	-.00191	.00277
#2	-.00355	-.00262
#3	.00377	-.00270
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39305	--	--	--	--	--	--
SDev	167.1791	--	--	--	--	--	--
%RSD	.4253374	--	--	--	--	--	--
#1	39449	--	--	--	--	--	--
#2	39345	--	--	--	--	--	--
#3	39122	--	--	--	--	--	--

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Method: EPA3 Sample Name: N75040-3 Operator:
Run Time: 08/16/04 15:51:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.32357	.00415	.00247	.01849	.17934	.17222	.63439
SDev	.00063	.00002	.00023	.00065	.00058	.00063	.00076
%RSD	.19587	.44258	9.4876	3.5038	.32348	.36713	.12013
#1	.32323	.00413	.00223	.01852	.17886	.17207	.63361
#2	.32431	.00417	.00246	.01913	.17998	.17291	.63513
#3	.32318	.00415	.00270	.01783	.17918	.17167	.63442
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04146	.00084	.55112	.31755	.20971	.01117	14.614
SDev	.00049	.00008	.00232	.00038	.00271	.00590	.018
%RSD	1.1717	9.9033	.42096	.11896	1.2911	52.871	.12058
#1	.04110	.00081	.54914	.31723	.20731	.01562	14.610
#2	.04127	.00078	.55054	.31745	.20917	.00447	14.634
#3	.04201	.00094	.55368	.31797	.21265	.01342	14.599
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00874	.00955	120.29	3.4599	281.19	7.2391	9.3613
SDev	.00270	.00402	.18	.0020	.49	.0069	.0252
%RSD	30.907	42.090	.15117	.05731	.17446	.09590	.26895
#1	.01186	.00494	120.09	3.4588	280.79	7.2386	9.3802
#2	.00717	.01231	120.45	3.4622	281.74	7.2324	9.3709
#3	.00719	.01138	120.34	3.4588	281.05	7.2462	9.3327
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.60409	.00584	-.00912	.80019	.03011	14.709	14.567
SDev	.14398	.00032	.00034	.00482	.00103	.033	.036
%RSD	23.834	5.4300	3.7446	.60268	3.4161	.22102	.24739
#1	.51937	.00557	-.00874	.80208	.03000	14.679	14.575
#2	.77034	.00577	-.00941	.80378	.02915	14.705	14.598
#3	.52257	.00619	-.00919	.79471	.03119	14.743	14.52[illegible]
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

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High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00445	.01505
SDev	.00404	.00276
%RSD	90.787	18.358
#1	-.00077	.01791
#2	-.00878	.01484
#3	-.00382	.01240
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39795	--	--	--	--	--	--
SDev	101.9892	--	--	--	--	--	--
%RSD	.2562836	--	--	--	--	--	--
#1	39683	--	--	--	--	--	--
#2	39821	--	--	--	--	--	--
#3	39882	--	--	--	--	--	--

Method: EPA3 Sample Name: N74800-1 Operator:
Run Time: 08/16/04 16:06:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.7852	.00016	.00034	.00489	.14338	.03269	.23740
SDev	.0052	.00002	.00028	.00025	.00002	.00075	.00033
%RSD	.08948	10.341	80.400	5.1863	.01268	2.2907	.13885
#1	5.7822	.00015	.00044	.00504	.14340	.03218	.23775
#2	5.7911	.00017	.00003	.00502	.14337	.03234	.23736
#3	5.7821	.00014	.00056	.00459	.14338	.03355	.23710
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06174	.00020	.07319	.14657	.03788	-.00139	.01681
SDev	.00140	.00010	.00100	.00044	.00409	.00363	.00058
%RSD	2.2664	47.505	1.3618	.29835	10.803	261.14	3.4512
#1	.06286	.00027	.07352	.14616	.04070	-.00305	.01664
#2	.06017	.00024	.07398	.14652	.03319	.00277	.01633
#3	.06219	.00009	.07207	.14703	.03974	-.00389	.01746
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00307	.00809	84.421	372.98	19.966	2.3871	4.4935
SDev	.00081	.00119	.080	.56	.041	.0054	.0012
%RSD	26.361	14.653	.09505	.14920	.20457	.22766	.02682
#1	.00238	.00839	84.507	373.61	20.014	2.3934	4.4948
#2	.00287	.00678	84.410	372.79	19.946	2.3840	4.4933
#3	.00396	.00910	84.347	372.55	19.940	2.3839	4.4924
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1033.4	.01784	-.00854	23.714	.00656	.01309	.01828
SDev	.8	.00075	.00123	1.904	.00078	.00146	.00094
%RSD	.07449	4.2216	14.375	8.0295	11.923	11.117	5.1661
#1	H1034.1	.01726	-.00713	21.678	.00669	.01142	.01886
#2	H1033.5	.01869	-.00939	24.013	.00728	.01384	.01719
#3	H1032.6	.01757	-.00909	25.451	.00573	.01402	.01878
Errors	LC High	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.00170	.00345
SDev	.00323	.00064
%RSD	189.88	18.463
#1	.00000	.00326
#2	-.00032	.00415
#3	.00542	.00292
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38429	--	--	--	--	--	--
SDev	87.05680	--	--	--	--	--	--
%RSD	.2265389	--	--	--	--	--	--
#1	38338	--	--	--	--	--	--
#2	38512	--	--	--	--	--	--
#3	38437	--	--	--	--	--	--

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Method: EPA3 Sample Name: N74800-2 Operator:
Run Time: 08/16/04 16:14:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	7.3545	.00028	.00116	.00523	.07195	.18542	.25875
SDev	.0367	.00000	.00016	.00057	.00008	.00100	.00077
%RSD	.49879	1.1206	13.830	10.987	.11653	.53753	.29971
#1	7.3943	.00029	.00122	.00486	.07186	.18635	.25938
#2	7.3222	.00028	.00098	.00590	.07201	.18437	.25789
#3	7.3468	.00028	.00129	.00495	.07199	.18555	.25898
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08549	-.00010	.03008	.22458	.04827	-.00037	.04326
SDev	.00106	.00030	.00024	.00052	.00271	.00066	.00120
%RSD	1.2459	284.66	.78938	.23103	5.6221	177.57	2.7676
#1	.08530	.00020	.02996	.22486	.05111	-.00027	.04389
#2	.08453	-.00039	.02993	.22398	.04798	-.00107	.04188
#3	.08664	-.00013	.03035	.22490	.04571	.00023	.04401
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00283	.01345	19.705	114.35	27.750	2.3923	2.2859
SDev	.00180	.00351	.107	.20	.033	.0055	.0140
%RSD	63.651	26.106	.54280	.17626	.11952	.22941	.61407
#1	.00095	.00942	19.820	114.28	27.786	2.3986	2.3004
#2	.00300	.01508	19.609	114.19	27.721	2.3886	2.2724
#3	.00453	.01586	19.686	114.58	27.742	2.3896	2.2850
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H995.05	.01224	-.00200	17.444	.01023	.04052	.04425
SDev	3.17	.00077	.00065	.055	.00231	.00425	.00081
%RSD	.31814	6.2909	32.686	.31312	22.595	10.487	1.8271
#1	H998.47	.01172	-.00271	17.504	.00833	.04103	.04497
#2	H992.22	.01188	-.00143	17.399	.00957	.03604	.04441
#3	H994.46	.01313	-.00186	17.428	.01281	.04450	.0433[illegible]
Errors	LC High	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

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High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00001	.00395
SDev	.00223	.00336
%RSD	30217.	85.043
#1	.00010	.00106
#2	.00216	.00315
#3	-.00228	.00763
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38574	--	--	--	--	--	--
SDev	164.4714	--	--	--	--	--	--
%RSD	.4263834	--	--	--	--	--	--
#1	38428	--	--	--	--	--	--
#2	38752	--	--	--	--	--	--
#3	38541	--	--	--	--	--	--

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Method: EPA3 Sample Name: N75040-2 Operator:
Run Time: 08/16/04 16:21:57
Comment:
Mode: CONC Corr. Factor: 2

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24943	.00309	.00123	.00989	.20468	.26278	.12182
SDev	.00036	.00002	.00023	.00093	.00274	.00098	.00022
%RSD	.14608	.73387	18.650	9.4531	1.3407	.37436	.17745
#1	.24963	.00312	.00137	.01086	.20761	.26243	.12193
#2	.24966	.00308	.00135	.00899	.20217	.26203	.12196
#3	.24901	.00308	.00096	.00983	.20425	.26390	.12157
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03593	.00387	.55702	.18712	.78938	.01097	H88.903
SDev	.00250	.00037	.00187	.00035	.00537	.00790	.078
%RSD	6.9654	9.5189	.33663	.18657	.68013	72.027	.08753
#1	.03845	.00417	.55496	.18677	.78484	.01904	H88.873
#2	.03344	.00346	.55864	.18713	.79531	.01060	H88.845
#3	.03589	.00399	.55745	.18746	.78800	.00326	H88.992
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01433	.21675	149.48	9.1595	267.83	6.7982	10.359
SDev	.00231	.01095	.06	.0382	.33	.0078	.010
%RSD	16.084	5.0522	.04241	.41727	.12293	.11456	.09448
#1	.01367	.20506	149.52	9.1611	267.76	6.8071	10.360
#2	.01690	.21842	149.41	9.1968	268.19	6.7952	10.349
#3	.01243	.22677	149.51	9.1205	267.54	6.7925	10.369
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.75710	.00854	-.01516	.82608	.04099	89.295	88.707
SDev	.10574	.00176	.00083	.01252	.00498	.131	.107
%RSD	13.966	20.591	5.5049	1.5159	12.158	.14654	.12107
#1	.67094	.01024	-.01551	.81905	.04456	89.403	88.608
#2	.87510	.00865	-.01576	.81866	.03529	89.150	88.692
#3	.72525	.00673	-.01421	.84054	.04311	89.332	88.821
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.00319	.01930
SDev	.00592	.00353
%RSD	185.78	18.277
#1	.00856	.01562
#2	.00418	.02265
#3	-.00317	.01963
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39871	--	--	--	--	--	--
SDev	113.1784	--	--	--	--	--	--
%RSD	.2838619	--	--	--	--	--	--
#1	39978	--	--	--	--	--	--
#2	39882	--	--	--	--	--	--
#3	39753	--	--	--	--	--	--

Method: EPA3 Sample Name: N73864-1 Operator:
Run Time: 08/16/04 16:30:08
Comment:
Mode: CONC Corr. Factor: 5

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H.68474	L.00026	L.01567	L.08442	L.00116	L.01747	H3.5022
SDev	.00224	.00008	.00110	.00119	.00153	.00126	.0162
%RSD	.32650	31.141	7.0022	1.4114	131.21	7.2005	.46180
#1	H.68588	L.00017	L.01441	L.08315	L.00281	L.01640	H3.5099
#2	H.68617	L.00033	L.01632	L.08459	L-.00022	L.01715	H3.5131
#3	H.68216	L.00028	L.01629	L.08551	L.00090	L.01886	H3.4836
Errors	LC High	LC Low	LC Low	LC Low	LC Low	LC Low	LC High
High	.60000	.60000	.60000	.60000	.60000	.60000	.60000
Low	.40000	.40000	.40000	.40000	.40000	.40000	.40000

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	L.10562	L.00054	L.00428	L.37797	L.00532	L-.01575	L.05665
SDev	.00268	.00177	.00307	.00448	.00784	.01144	.00374
%RSD	2.5384	325.90	71.770	1.1864	147.38	72.624	6.5966
#1	L.10632	L.00255	L.00098	L.38103	L.01308	L-.01004	L.05233
#2	L.10266	L-.00011	L.00479	L.38006	L.00549	L-.00830	L.05887
#3	L.10788	L-.00081	L.00705	L.37283	L-.00261	L-.02892	L.05874
Errors	LC Low	LC Low	LC Low	LC Low	LC Low	LC Low	LC Low
High	.60000	.24000	.60000	.60000	.60000	.60000	.60000
Low	.40000	.16000	.40000	.40000	.40000	.40000	.40000

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	L-.00642	L-.01695	L.19597	H2207.8	L3.2479	H41.094	H22.986
SDev	.00441	.01233	.02046	12.7	.0311	.177	.123
%RSD	68.682	72.761	10.439	.57368	.95900	.42964	.53489
#1	L-.00849	L-.00702	L.21119	H2217.8	L3.2656	H41.207	H23.100
#2	L-.00135	L-.03075	L.20399	H2212.0	L3.2662	H41.185	H23.001
#3	L-.00940	L-.01308	L.17271	H2193.6	L3.2120	H40.890	H22.856
Errors	LC Low	LC Low	LC Low	LC High	LC Low	LC High	LC High
High	.60000	.60000	6.0000	6.6000	6.6000	6.6000	6.0000
Low	.40000	.40000	4.0000	4.4000	4.4000	4.4000	4.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H37.206	L.01613	L-.00103	H46.233	H.04366	.02354	.07092
SDev	.424	.00743	.00579	.259	.00564	.01396	.00700
%RSD	1.1396	46.076	560.24	.56055	12.914	59.305	9.8777
#1	H37.320	L.00912	H.00541	H46.368	H.03795	.01690	.06777
#2	H37.560	L.01536	L-.00579	H46.397	H.04381	.01414	.07895
#3	H36.736	L.02392	L-.00271	H45.934	H.04923	.03958	.06605
Errors	LC High	LC Low	LC Low	LC High	LC High	NOCHECK	NOCHECK

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High	6.0000	.60000	.00000	.00000	.00000
Low	4.0000	.40000	.00000	.00000	.00000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.01920	-.02075
SDev	.01640	.00499
%RSD	85.420	24.057
#1	.00254	-.01553
#2	.03534	-.02122
#3	.01973	-.02548
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39459	--	--	--	--	--	--
SDev	68.81278	--	--	--	--	--	--
%RSD	.1743897	--	--	--	--	--	--
#1	39390	--	--	--	--	--	--
#2	39461	--	--	--	--	--	--
#3	39527	--	--	--	--	--	--

Method: EPA3 Sample Name: CRIB Operator:
Run Time: 08/16/04 16:48:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.40348	.01050	.00816	.10107	.02075	.04997	.03085
SDev	.00225	.00003	.00011	.00063	.00021	.00074	.00015
%RSD	.55768	.27782	1.3902	.62134	1.0119	1.4726	.48745
#1	.40585	.01052	.00818	.10160	.02091	.05075	.03090
#2	.40321	.01047	.00825	.10124	.02083	.04989	.03098
#3	.40137	.01052	.00803	.10038	.02051	.04928	.03069
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.40000	.01000	.00800	.10000	.02000	.05000	.03000
Range	30.000	30.000	30.000	30.000	30.000	30.000	30.000

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08076	.02016	.10317	.04004	.00739	.01536	.00533
SDev	.00115	.00024	.00028	.00040	.00157	.00355	.00160
%RSD	1.4233	1.1770	.26896	1.0047	21.189	23.091	30.119
#1	.08188	.01997	.10326	.04044	.00909	.01644	.00715
#2	.08081	.02042	.10339	.04005	Q.00601	Q.01140	Q.00415
#3	.07958	.02007	.10286	.03963	.00707	.01824	.00467
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.08000	.02000	.10000	.04000	.01000	.02000	.00600
Range	30.000	30.000	30.000	30.000	30.000	30.000	30.000

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00942	.01075	.39920	5.0122	.18733	5.0712	4.9354
SDev	.00037	.00084	.00128	.0144	.00703	.0148	.0254
%RSD	3.9134	7.7828	.31990	.28660	3.7548	.29181	.51449
#1	.00980	.01060	.40065	5.0278	.17921	5.0850	4.9629
#2	.00906	.01001	.39824	5.0094	.19157	5.0730	4.9130
#3	.00939	.01166	.39870	4.9995	.19121	5.0556	4.9302
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.01000	.01000	.40000	5.0000	.20000	5.0000	5.0000
Range	30.000	30.000	30.000	30.000	30.000	30.000	30.000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.7504	.02391	.10614	.41384	Q.02628	.00431	.00552
SDev	.0554	.00053	.00034	.00156	.00265	.00128	.00177
%RSD	1.1656	2.2223	.32227	.37743	10.102	29.629	32.027
#1	4.7659	.02428	.10596	.41551	.02515	.00578	.00753
#2	4.6889	.02414	.10593	.41361	.02437	.00345	.00419
#3	4.7963	.02330	.10654	.41241	Q.02931	.00371	.00485
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail	NOCHECK	NOCHECK

Value	5.0000	.02000	.10000	.40000	.02000
Range	30.000	30.000	30.000	30.000	30.000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.01245	.00763
SDev	.00048	.00073
%RSD	3.8313	9.5400
#1	.01194	.00845
#2	.01250	.00707
#3	.01289	.00736
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38723	--	--	--	--	--	--
SDev	51.57516	--	--	--	--	--	--
%RSD	.1331893	--	--	--	--	--	--
#1	38688	--	--	--	--	--	--
#2	38699	--	--	--	--	--	--
#3	38782	--	--	--	--	--	--

Method: EPA3 Sample Name: ICSA Operator:
Run Time: 08/16/04 17:04:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00272	.00028	.00031	.00183	-.00012	-.00011	-.00047
SDev	.00009	.00003	.00029	.00006	.00041	.00008	.00003
%RSD	3.3943	9.6179	95.237	3.4066	346.47	73.332	5.7189
#1	.00261	.00030	.00016	.00187	-.00056	-.00004	-.00050
#2	.00279	.00030	.00065	.00186	-.00001	-.00010	-.00045
#3	.00275	.00025	.00012	.00176	.00022	-.00020	-.00045
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.20000	.00400	.00400	.05000	.01000	.02500	.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00050	.00032	.00410	-.00035	-.00173	.00260	-.00294
SDev	.00078	.00032	.00047	.00040	.00398	.00300	.00328
%RSD	156.09	99.627	11.434	114.59	229.90	115.55	111.32
#1	.00012	.00028	.00370	-.00068	-.00419	-.00001	-.00104
#2	-.00002	.00066	.00398	-.00045	-.00386	.00192	-.00107
#3	.00141	.00003	.00462	.00009	.00286	.00588	Q-.00672
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.04000	.01000	.05000	.02000	.00500	.01000	.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00005	-.00130	509.73	507.12	191.32	512.57	-.10885
SDev	.00313	.00375	.34	1.31	.04	.97	.00472
%RSD	6082.6	288.56	.06737	.25861	.02098	.18838	4.3354
#1	-.00332	Q-.00564	509.46	505.61	191.31	512.96	-.11252
#2	.00025	.00088	510.12	507.94	191.28	511.47	-.10353
#3	.00292	.00085	509.61	507.82	191.36	513.28	-.11051
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	500.00	500.00	200.00	500.00	.00000
Range	.00500	.00500	100.00	100.00	40.000	100.00	5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.26199	.00113	-.00022	.10098	.00564	-.00385	-.00289
SDev	.06769	.00000	.00068	.00461	.00458	.00599	.00651
%RSD	25.839	.25257	305.16	4.5682	81.175	155.74	225.03
#1	-.25500	.00113	-.00101	.09672	Q.01054	-.01061	.00335
#2	-.19805	.00113	.00017	.10034	.00493	.00078	-.00239
#3	-.33290	.00113	.00017	.10588	.00146	-.00171	-.00963
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

Value	.00000	.00000	.00000	.00000	.00000
Range	5.0000	.00500	.05000	.20000	.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00991	.00456
SDev	.00811	.00203
%RSD	81.847	44.496
#1	-.01927	.00433
#2	-.00519	.00265
#3	-.00526	.00669
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37459	--	--	--	--	--	--
SDev	36.06406	--	--	--	--	--	--
%RSD	.0962762	--	--	--	--	--	--
#1	37448	--	--	--	--	--	--
#2	37430	--	--	--	--	--	--
#3	37499	--	--	--	--	--	--

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Method: EPA3 Sample Name: ICSAB Operator:
Run Time: 08/16/04 17:12:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51135	.46018	.93649	.48014	.47095	.50496	.47557
SDev	.00476	.00449	.00821	.00451	.00540	.00473	.00429
%RSD	.93071	.97566	.87666	.93926	1.1470	.93661	.90261
#1	.51448	.46196	.93999	.48129	.47360	.50822	.47735
#2	.50588	.45508	.92711	.47517	.46473	.49953	.47067
#3	.51370	.46351	.94236	.48397	.47451	.50712	.47868
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	1.0000	.50000	.50000	.50000	.50000
Range	.10000	.10000	.20000	.10000	.10000	.10000	.10000

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.96965	1.0296	.50611	.91399	1.0540	.96279	.97522
SDev	.01084	.0095	.00505	.00893	.0150	.00430	.00734
%RSD	1.1176	.92152	.99684	.97665	1.4216	.44654	.75282
#1	.97737	1.0346	.50920	.91748	1.0511	.95783	.98129
#2	.95726	1.0187	.50028	.90385	1.0406	.96506	.96706
#3	.97433	1.0356	.50883	.92065	1.0702	.96548	.97731
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.0000	1.0000	.50000	1.0000	1.0000	1.0000	1.0000
Range	.20000	.20000	.10000	.20000	.20000	.20000	.20000

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0331	.99543	531.76	526.61	203.94	523.81	-.13888
SDev	.0088	.01056	5.52	6.26	2.01	5.13	.02158
%RSD	.85456	1.0606	1.0382	1.1889	.98728	.97980	15.538
#1	1.0378	1.0025	534.91	529.27	204.93	526.29	-.13038
#2	1.0230	.98329	525.39	519.46	201.62	517.91	-.16342
#3	1.0387	1.0005	534.99	531.11	205.26	527.23	-.12285
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK
Value	1.0000	1.0000	500.00	500.00	200.00	500.00	
Range	.20000	.20000	100.00	100.00	40.000	100.00	

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.21599	.50421	.52426	.06283	.00667	.98032	.97224
SDev	.08823	.00481	.00453	.00280	.00100	.01361	.00680
%RSD	40.850	.95322	.86310	4.4585	14.982	1.3886	.69978
#1	-.22290	.50741	.52562	.06559	.00564	.98304	.98000
#2	-.30056	.49868	.51921	.05999	.00763	.96555	.96733
#3	-.12450	.50654	.52794	.06290	.00673	.99236	.96937
Errors	NOCHECK	QC Pass	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK

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Value	.50000	.50000
Range	.10000	.10000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	1.0335	1.0327
SDev	.0089	.0088
%RSD	.86381	.85086
#1	1.0376	1.0375
#2	1.0232	1.0225
#3	1.0395	1.0379
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36737	--	--	--	--	--	--
SDev	409.7519	--	--	--	--	--	--
%RSD	1.115380	--	--	--	--	--	--
#1	36493	--	--	--	--	--	--
#2	37210	--	--	--	--	--	--
#3	36507	--	--	--	--	--	--

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Method: EPA3 Sample Name: CCV Operator:
Run Time: 08/16/04 17:19:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9808	1.9915	1.9545	1.9366	1.9777	1.9436	1.9634
SDev	.0079	.0053	.0053	.0028	.0042	.0096	.0050
%RSD	.39786	.26576	.27052	.14260	.21103	.49222	.25420
#1	1.9897	1.9974	1.9605	1.9397	1.9824	1.9543	1.9690
#2	1.9776	1.9901	1.9529	1.9358	1.9761	1.9406	1.9618
#3	1.9749	1.9871	1.9503	1.9343	1.9745	1.9359	1.9594
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9702	.24917	2.0425	1.9482	1.9943	1.9926	1.9532
SDev	.0032	.00102	.0071	.0037	.0105	.0076	.0101
%RSD	.16005	.40870	.34566	.19023	.52446	.38094	.51768
#1	1.9738	.25000	2.0504	1.9522	2.0049	1.9984	1.9616
#2	1.9687	.24946	2.0368	1.9474	1.9840	1.9954	1.9559
#3	1.9681	.24803	2.0402	1.9449	1.9938	1.9840	1.9420
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	.25000	2.0000	2.0000	2.0000	2.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0063	1.9407	39.507	39.408	40.596	40.561	39.236
SDev	.0106	.0036	.177	.119	.140	.148	.186
%RSD	.52697	.18508	.44748	.30111	.34509	.36467	.47288
#1	2.0090	1.9391	39.675	39.470	40.752	40.671	39.451
#2	2.0153	1.9448	39.524	39.484	40.555	40.619	39.130
#3	1.9947	1.9382	39.322	39.272	40.481	40.393	39.128
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	2.0000	40.000	40.000	40.000	40.000	40.000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	39.360	2.0065	1.9211	5.0402	2.0204	1.9715	1.9436
SDev	.082	.0058	.0061	.0200	.0079	.0096	.0113
%RSD	.20892	.29012	.31797	.39612	.39271	.48703	.58248
#1	39.434	2.0132	1.9279	5.0623	2.0295	1.9824	1.9509
#2	39.375	2.0033	1.9192	5.0348	2.0149	1.9682	1.9494
#3	39.272	2.0030	1.9161	5.0235	2.0168	1.9641	1.930[illegible]
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

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Value	40.000	2.0000	2.0000	5.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	2.0070	2.0056
SDev	.0101	.0127
%RSD	.50122	.63109
#1	2.0166	2.0048
#2	2.0079	2.0187
#3	1.9966	1.9934
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38752	--	--	--	--	--	--
SDev	135.6099	--	--	--	--	--	--
%RSD	.3499405	--	--	--	--	--	--
#1	38637	--	--	--	--	--	--
#2	38718	--	--	--	--	--	--
#3	38902	--	--	--	--	--	--

Analysis Report QC Standard 08/16/04 05:34:45 PM page 1

Method: EPA3 Sample Name: CCB Operator:
Run Time: 08/16/04 17:27:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00020	Q.00070	.00053	.00068	.00044	-.00099	.00071
SDev	.00016	.00022	.00011	.00049	.00031	.00009	.00022
%RSD	81.144	31.785	19.777	72.350	70.605	9.5150	31.150
#1	-.00001	Q.00092	.00065	.00111	.00065	-.00089	.00093
#2	-.00029	Q.00070	.00049	.00078	.00060	-.00100	.00071
#3	-.00030	.00048	.00046	.00014	.00008	-.00107	.00049
Errors	QC Pass	QC Fail	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.02000	.00050	.00090	.00500	.00240	.00270	.00150

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00052	.00023	.00094	.00064	-.00127	-.00065	.00062
SDev	.00042	.00013	.00024	.00045	.00047	.00421	.00109
%RSD	80.701	55.507	25.651	70.303	37.150	646.97	176.68
#1	.00100	.00034	.00121	.00110	-.00093	.00344	-.00013
#2	.00037	.00009	.00089	.00061	-.00181	-.00497	.00187
#3	.00020	.00025	.00073	.00020	-.00107	-.00042	.00011
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.00400	.00210	.00500	.00270	.00500	.01000	.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00223	.00406	Q.09576	.08710	Q.05625	.10850	-.24905
SDev	.00286	.00159	.04660	.05246	.02087	.05121	.00668
%RSD	128.35	38.999	48.663	60.234	37.113	47.196	2.6802
#1	.00008	.00435	Q.14614	.14280	Q.07888	.16162	-.24296
#2	-.00134	Q.00548	Q.08693	.07987	.05210	.10444	-.25619
#3	Q-.00542	.00235	Q.05420	.03862	.03775	.05944	-.24799
Errors	QC Pass	QC Pass	QC Fail	QC Pass	QC Fail	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.00500	.00500	.02970	.50000	.05520	.50000	.50000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.35210	Q.00316	.00036	-.01453	.00492	-.00137	.00115
SDev	.09711	.00095	.00028	.00029	.00364	.00105	.00161
%RSD	27.579	30.032	77.503	2.0151	74.007	76.859	139.97
#1	-.32479	Q.00421	.00056	-.01423	Q.00830	-.00248	.00058
#2	-.27157	.00292	.00047	-.01454	.00540	-.00125	.00297
#3	-.45994	.00236	.00004	-.01481	.00106	-.00038	-.0001
Errors	QC Pass	QC Fail	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

1665

Value	.00000	.00000	.00000	.00000	.00000
Range	.50940	.00300	.08100	.02300	.00690

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00133	-.00298
SDev	.00410	.00248
%RSD	307.25	83.414
#1	.00297	-.00167
#2	-.00179	-.00142
#3	-.00519	-.00584
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39179	--	--	--	--	--	--
SDev	129.5823	--	--	--	--	--	--
%RSD	.3307448	--	--	--	--	--	--
#1	39190	--	--	--	--	--	--
#2	39302	--	--	--	--	--	--
#3	39044	--	--	--	--	--	--

Method: EPA3 Sample Name: MP26693-MB1 Operator:
Run Time: 08/16/04 17:41:55
Comment: 1
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00076	.00023	.00018	.00014	-.00023	-.00122	.00034
SDev	.00028	.00005	.00005	.00021	.00020	.00036	.00011
%RSD	36.916	21.306	26.638	153.17	87.480	29.921	33.914
#1	-.00108	.00018	.00017	.00014	-.00038	-.00149	.00035
#2	-.00053	.00028	.00022	-.00007	-.00030	-.00080	.00044
#3	-.00068	.00022	.00013	.00035	-.00000	-.00136	.00022
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.00400	.00400	.05000	.01000	.02500	.01500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00754	-.00010	.00078	.00031	-.00267	-.00079	-.00240
SDev	.00128	.00024	.00036	.00025	.00226	.00203	.00059
%RSD	16.918	236.55	45.898	80.057	84.648	255.74	24.416
#1	.00652	.00017	.00056	.00044	-.00427	.00054	-.00293
#2	.00897	-.00028	.00058	.00047	-.00008	.00021	-.00177
#3	.00712	-.00020	.00119	.00002	-.00367	-.00313	-.00249
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.04000	.01000	.05000	.02000	.00500	.01000	.00300
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00098	-.00107	.05950	.05594	.03196	.06651	-.24656
SDev	.00066	.00290	.01726	.01892	.01398	.01444	.00843
%RSD	67.681	270.59	29.015	33.818	43.734	21.705	3.4170
#1	-.00173	.00184	.04130	.03893	.01667	.05184	-.25415
#2	-.00045	-.00397	.07565	.07632	.03514	.08070	-.23750
#3	-.00077	-.00109	.06153	.05258	.04407	.06700	-.24805
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00500	.00500	.20000	5.0000	.10000	5.0000	5.0000
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.61645	.00074	-.00069	-.00325	.00663	-.00492	-.00159
SDev	.08409	.00111	.00062	.00263	.00300	.00216	.00075
%RSD	13.641	150.22	88.995	80.922	45.362	43.861	47.009
#1	-.57473	.00193	-.00054	-.00616	.00335	-.00741	-.00115
#2	-.56138	.00053	-.00016	-.00102	.00927	-.00388	-.00118
#3	-.71325	-.00025	-.00137	-.00259	.00725	-.00348	-.00246
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	5.0000	.00500	.05000	.20000	.01000
Low	-5.0000	-.01000	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.00328	-.00342
SDev	.00100	.00052
%RSD	30.651	15.158
#1	.00224	-.00401
#2	.00425	-.00310
#3	.00334	-.00313
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39312	--	--	--	--	--	--
SDev	264.3719	--	--	--	--	--	--
%RSD	.6724921	--	--	--	--	--	--
#1	39533	--	--	--	--	--	--
#2	39019	--	--	--	--	--	--
#3	39385	--	--	--	--	--	--

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Method: EPA3 Sample Name: MP26693-LC1 Operator:
Run Time: 08/16/04 17:49:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52769	.51446	.50782	.50768	.50835	.50994	.51292
SDev	.00500	.00476	.00452	.00571	.00461	.00462	.00524
%RSD	.94818	.92519	.89005	1.1257	.90669	.90616	1.0221
#1	.53080	.51818	.51192	.51204	.51239	.51283	.51689
#2	.53036	.51610	.50857	.50978	.50932	.51239	.51489
#3	.52192	.50910	.50297	.50121	.50333	.50461	.50698
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.60000	.60000	.60000	.60000	.60000	.60000	.60000
Low	.40000	.40000	.40000	.40000	.40000	.40000	.40000

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51334	.20499	.52404	.51710	.52447	.51770	.50947
SDev	.00546	.00181	.00383	.00483	.00805	.00341	.00673
%RSD	1.0637	.88229	.73018	.93316	1.5357	.65807	1.3211
#1	.51664	.20648	.52685	.52080	.52376	.52153	.51276
#2	.51634	.20552	.52558	.51887	.53285	.51659	.51393
#3	.50704	.20298	.51968	.51164	.51679	.51499	.50173
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.60000	.24000	.60000	.60000	.60000	.60000	.60000
Low	.40000	.16000	.40000	.40000	.40000	.40000	.40000

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51714	.51044	5.1232	5.6758	5.6753	5.8873	5.1341
SDev	.00823	.00536	.0176	.0198	.0369	.0296	.0323
%RSD	1.5915	1.0511	.34368	.34960	.65097	.50342	.62830
#1	.51999	.51533	5.1146	5.6803	5.6984	5.8920	5.1488
#2	.52357	.51130	5.1434	5.6929	5.6947	5.9143	5.1565
#3	.50786	.50470	5.1115	5.6540	5.6326	5.8555	5.0972
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.60000	.60000	6.0000	6.6000	6.6000	6.6000	6.0000
Low	.40000	.40000	4.0000	4.4000	4.4000	4.4000	4.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.9383	.52724	H.00419	H.34315	H.01030	.51388	.50688
SDev	.0783	.00375	.00097	.00250	.00353	.00768	.00668
%RSD	1.5852	.71102	23.207	.72904	34.250	1.4952	1.3179
#1	4.9699	.52993	H.00327	H.34192	H.00625	.51437	.51157
#2	4.9958	.52883	H.00410	H.34603	H.01274	.52131	.50985
#3	4.8492	.52295	H.00521	H.34150	H.01190	.50596	.49928
Errors	LC Pass	LC Pass	LC High	LC High	LC High	NOCHECK	NOCHECK

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High	6.0000	.60000	.00000	.00000	.00000
Low	4.0000	.40000	.00000	.00000	.00000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.51732	.51674
SDev	.00452	.01019
%RSD	.87365	1.9712
#1	.51747	.52093
#2	.52176	.52416
#3	.51272	.50513
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38370	--	--	--	--	--	--
SDev	463.8427	--	--	--	--	--	--
%RSD	1.208855	--	--	--	--	--	--
#1	37945	--	--	--	--	--	--
#2	38302	--	--	--	--	--	--
#3	38865	--	--	--	--	--	--

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Method: EPA3 Sample Name: MP26693-S1 Operator:
Run Time: 08/16/04 17:57:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9702	.05086	.05004	.49065	.19917	.24897	.54298
SDev	.0046	.00019	.00036	.00104	.00066	.00059	.00094
%RSD	.23492	.37667	.72832	.21138	.33134	.23554	.17354
#1	1.9731	.05070	.05020	.48981	.19854	.24861	.54200
#2	1.9726	.05107	.04962	.49181	.19913	.24867	.54388
#3	1.9649	.05080	.05030	.49033	.19985	.24965	.54308
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50153	.05102	.50778	.77942	2.0270	2.0297	.49498
SDev	.00348	.00106	.00245	.00129	.0077	.0032	.00203
%RSD	.69396	2.0785	.48185	.16580	.37991	.15942	.41024
#1	.49771	.05038	.50559	.77798	2.0313	2.0327	.49264
#2	.50451	.05043	.51042	.78047	2.0316	2.0302	.49619
#3	.50238	.05224	.50732	.77982	2.0181	2.0263	.49612
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0711	.49487	2.1175	42.809	1.2916	28.269	27.410
SDev	.0091	.00751	.0214	.084	.0036	.058	.074
%RSD	.44050	1.5168	1.0093	.19719	.28234	.20466	.26830
#1	2.0643	.50041	2.0944	42.754	1.2881	28.222	27.402
#2	2.0815	.49788	2.1365	42.906	1.2953	28.334	27.487
#3	2.0675	.48633	2.1218	42.767	1.2913	28.253	27.341
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	55.283	.00173	.00211	2.1823	.00391	.50095	.49159
SDev	.314	.00057	.00396	.0003	.00205	.00049	.00272
%RSD	.56883	32.951	188.10	.01171	52.483	.09766	.55310
#1	55.081	.00228	-.00048	2.1820	.00621	.50040	.48846
#2	55.122	.00175	.00013	2.1824	.00228	.50111	.49326
#3	55.645	.00114	.00667	2.1825	.00323	.50134	.49306
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	2.0672	2.0728
SDev	.0078	.0102
%RSD	.37690	.49184
#1	2.0645	2.0639
#2	2.0760	2.0839
#3	2.0611	2.0704
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38799	--	--	--	--	--	--
SDev	180.5106	--	--	--	--	--	--
%RSD	.4652494	--	--	--	--	--	--
#1	39002	--	--	--	--	--	--
#2	38656	--	--	--	--	--	--
#3	38738	--	--	--	--	--	--

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Method: EPA3 Sample Name: MP26693-S2 Operator:
Run Time: 08/16/04 18:04:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9825	.05036	.04908	.48736	.19707	.25003	.53962
SDev	.0127	.00018	.00028	.00249	.00135	.00184	.00274
%RSD	.63989	.36445	.57903	.51028	.68389	.73753	.50751
#1	1.9971	.05057	.04938	.49005	.19844	.25215	.54270
#2	1.9748	.05025	.04905	.48515	.19702	.24882	.53745
#3	1.9756	.05026	.04882	.48687	.19574	.24912	.53870
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50036	.05036	.50488	.76758	2.0244	2.0143	.49284
SDev	.00242	.00023	.00275	.00496	.0084	.0161	.00404
%RSD	.48349	.46506	.54447	.64601	.41484	.79862	.81916
#1	.50315	.05017	.50804	.77282	2.0327	2.0328	.49748
#2	.49907	.05062	.50354	.76297	2.0159	2.0043	.49013
#3	.49887	.05028	.50305	.76696	2.0247	2.0057	.49091
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0718	.49824	2.1191	42.393	1.2694	28.168	27.586
SDev	.0247	.00340	.0087	.205	.0075	.145	.176
%RSD	1.1900	.68282	.40965	.48304	.58740	.51433	.63757
#1	2.0998	.50194	2.1264	42.625	1.2769	28.334	27.787
#2	2.0534	.49525	2.1214	42.237	1.2694	28.105	27.458
#3	2.0621	.49753	2.1095	42.317	1.2620	28.065	27.514
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	55.160	.00108	-.00088	2.1669	.00280	.49382	.49197
SDev	.312	.00074	.00137	.0145	.00405	.00410	.00452
%RSD	.56486	68.612	156.51	.66869	144.70	.83012	.91949
#1	55.502	.00183	-.00244	2.1835	-.00069	.49743	.49712
#2	55.087	.00034	.00012	2.1595	.00185	.48936	.49013
#3	54.891	.00108	-.00031	2.1575	.00723	.49466	.48865
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

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High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	2.0658	2.0744
SDev	.0168	.0289
%RSD	.81149	1.3940
#1	2.0834	2.1076
#2	2.0501	2.0548
#3	2.0639	2.0609
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38328	--	--	--	--	--	--
SDev	225.4569	--	--	--	--	--	--
%RSD	.5882303	--	--	--	--	--	--
#1	38077	--	--	--	--	--	--
#2	38513	--	--	--	--	--	--
#3	38394	--	--	--	--	--	--

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Method: EPA3 Sample Name: N73906-1 Operator:
Run Time: 08/16/04 18:12:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01041	.00012	-.00037	.00074	.00116	.00232	.04241
SDev	.00021	.00002	.00032	.00054	.00010	.00045	.00048
%RSD	2.0287	19.291	85.151	73.189	8.4473	19.385	1.1338
#1	.01059	.00009	-.00051	.00038	.00113	.00235	.04277
#2	.01047	.00011	-.00061	.00136	.00127	.00275	.04261
#3	.01018	.00014	-.00001	.00047	.00108	.00185	.04186
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00431	.00057	.00169	.28935	-.00128	.00090	.00126
SDev	.00052	.00013	.00080	.00363	.00323	.00123	.00032
%RSD	12.139	23.458	47.320	1.2541	253.07	136.59	25.867
#1	.00411	.00059	.00180	.29212	.00246	.00220	.00104
#2	.00490	.00042	.00242	.29069	-.00310	-.00025	.00110
#3	.00391	.00068	.00084	.28524	-.00319	.00076	.00163
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00099	-.00041	.09426	16.974	.30302	2.4557	1.5671
SDev	.00122	.00275	.00715	.201	.00444	.0273	.0329
%RSD	123.42	667.88	7.5804	1.1865	1.4639	1.1115	2.0980
#1	-.00058	-.00300	.08940	17.098	.30792	2.4661	1.5953
#2	-.00002	.00247	.10246	17.083	.30189	2.4762	1.5750
#3	-.00235	-.00070	.09091	16.742	.29926	2.4247	1.5310
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	29.368	.00099	.00050	2.1733	.00627	-.00046	.00165
SDev	.322	.00055	.00052	.0282	.00092	.00208	.00093
%RSD	1.0957	55.283	103.21	1.2981	14.585	447.25	56.585
#1	29.543	.00089	.00041	2.1960	.00532	-.00283	.00251
#2	29.564	.00050	.00105	2.1823	.00635	.00103	.00066
#3	28.996	.00158	.00003	2.1417	.00715	.00041	.00178
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.00244	-.00301
SDev	.00600	.00153
%RSD	245.52	50.665
#1	.00156	-.00197
#2	.00884	-.00477
#3	-.00307	-.00231
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38415	--	--	--	--	--	--
SDev	397.9424	--	--	--	--	--	--
%RSD	1.035891	--	--	--	--	--	--
#1	38084	--	--	--	--	--	--
#2	38306	--	--	--	--	--	--
#3	38857	--	--	--	--	--	--

Analysis Report 08/16/04 06:27:27 PM

Method: EPA3 Sample Name: MP26693-SD1 Operator:
Run Time: 08/16/04 18:19:55
Comment:
Mode: CONC Corr. Factor: 5

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01097	.00004	-.00132	-.00234	-.00085	-.00155	.04552
SDev	.00047	.00019	.00132	.00257	.00143	.00119	.00210
%RSD	4.2777	473.98	100.04	109.84	167.72	76.762	4.6146
#1	.01150	-.00010	-.00246	-.00524	-.00063	-.00275	.04787
#2	.01061	.00026	-.00162	-.00035	.00046	-.00152	.04486
#3	.01080	-.00004	.00012	-.00142	-.00237	-.00037	.04382
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00343	.00198	.00167	.30713	L-.01150	-.00388	L-.01260
SDev	.00748	.00155	.00046	.01262	.00969	.00816	.00707
%RSD	217.96	78.578	27.321	4.1095	84.266	210.37	56.131
#1	.00089	.00376	.00220	.32128	L-.01968	-.00968	L-.02024
#2	.00088	.00131	.00139	.30309	L-.01403	-.00741	L-.01124
#3	-.01208	.00087	.00142	.29702	-.00080	.00545	L-.00630
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass	LC Low
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	L-.00635	.00113	.20728	18.345	.31260	2.7376	1.1079
SDev	.00895	.00344	.00960	.835	.03261	.1208	.1519
%RSD	140.95	304.93	4.6320	4.5493	10.430	4.4127	13.711
#1	.00310	.00452	.19697	19.292	.32006	2.8741	1.2813
#2	L-.01471	-.00236	.21597	18.025	.27692	2.6941	.99829
#3	L-.00744	.00122	.20891	17.717	.34084	2.6445	1.0442
Errors	LC Low	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	29.366	.00362	.00006	2.4839	.02385	-.00570	-.01838
SDev	2.184	.00543	.00242	.1410	.00729	.00667	.01371
%RSD	7.4382	150.21	3927.0	5.6765	30.576	116.96	74.574
#1	31.836	.00988	.00213	2.6436	.01564	-.00026	-.03258
#2	28.575	.00074	.00066	2.4315	.02635	-.00371	-.01733
#3	27.688	.00023	-.00260	2.3766	.02957	-.01314	-.00[illegible]
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.01917	-.02067
SDev	.01056	.01098
%RSD	55.100	53.127
#1	.02215	-.00799
#2	.00744	-.02732
#3	.02792	-.02668
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38490	--	--	--	--	--	--
SDev	254.9989	--	--	--	--	--	--
%RSD	.6625046	--	--	--	--	--	--
#1	38359	--	--	--	--	--	--
#2	38784	--	--	--	--	--	--
#3	38327	--	--	--	--	--	--

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Method: EPA3 Sample Name: MP26693-MB3 Operator:
Run Time: 08/16/04 18:27:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00031	.00001	.00009	-.00010	-.00015	-.00032	.00025
SDev	.00003	.00002	.00018	.00090	.00024	.00020	.00006
%RSD	10.602	357.06	212.48	910.48	160.78	63.267	21.547
#1	-.00028	-.00001	.00026	.00072	.00001	-.00017	.00029
#2	-.00035	.00003	-.00010	.00005	-.00003	-.00023	.00019
#3	-.00031	-.00000	.00010	-.00106	-.00042	-.00055	.00029
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.00400	.00400	.05000	.01000	.02500	.01500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00089	-.00014	.00005	.00077	-.00388	-.00249	.00003
SDev	.00292	.00012	.00076	.00017	.00189	.00178	.00138
%RSD	329.00	80.230	1483.0	22.364	48.623	71.212	5293.4
#1	.00424	-.00019	.00091	.00057	-.00325	-.00222	.00155
#2	-.00102	-.00001	-.00022	.00083	-.00239	-.00087	-.00033
#3	-.00057	-.00022	-.00054	.00090	L-.00600	-.00439	-.00114
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.04000	.01000	.05000	.02000	.00500	.01000	.00300
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00146	.00097	.00035	.05041	.00303	.00394	-.24950
SDev	.00090	.00253	.00113	.00111	.01157	.00402	.00354
%RSD	61.821	261.52	323.04	2.2035	381.21	102.12	1.4192
#1	-.00120	.00352	-.00083	.05085	.01548	.00326	-.24600
#2	-.00247	.00092	.00142	.04915	-.00739	.00825	-.25308
#3	-.00072	-.00154	.00046	.05124	.00102	.00029	-.24940
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00500	.00500	.20000	5.0000	.10000	5.0000	5.0000
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02088	.00041	-.00053	.01023	.00371	-.00244	.00078
SDev	.12659	.00035	.00045	.00081	.00266	.00287	.00064
%RSD	606.21	86.272	85.596	7.9179	71.789	117.63	81.762
#1	-.16564	.00010	-.00089	.01007	.00678	.00066	.00151
#2	.06913	.00079	-.00002	.00951	.00226	-.00297	.00052
#3	.03386	.00033	-.00067	.01110	.00208	-.00502	.000[illegible]
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

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High	5.0000	.00500	.05000	.20000	.01000
Low	-5.0000	-.01000	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00518	.00008
SDev	.00223	.00141
%RSD	43.041	1728.9
#1	-.00727	.00152
#2	-.00544	-.00130
#3	-.00283	.00002
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37727	--	--	--	--	--	--
SDev	123.2521	--	--	--	--	--	--
%RSD	.3266976	--	--	--	--	--	--
#1	37618	--	--	--	--	--	--
#2	37861	--	--	--	--	--	--
#3	37701	--	--	--	--	--	--

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Method: EPA3 Sample Name: MP26693-LC3 Operator:
Run Time: 08/16/04 18:35:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50120	.50154	.49759	.49653	.49903	.50169	.50468
SDev	.00219	.00349	.00314	.00401	.00444	.00315	.00354
%RSD	.43699	.69597	.63189	.80754	.89062	.62835	.70143
#1	.49977	.49822	.49481	.49224	.49423	.49895	.50125
#2	.50372	.50518	.50100	.50018	.50301	.50513	.50832
#3	.50011	.50123	.49697	.49717	.49984	.50099	.50445
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.60000	.60000	.60000	.60000	.60000	.60000	.60000
Low	.40000	.40000	.40000	.40000	.40000	.40000	.40000

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50185	.19861	.51165	.49857	.50168	.49797	.49736
SDev	.00507	.00080	.00348	.00391	.00147	.00151	.00353
%RSD	1.0100	.40252	.67978	.78350	.29406	.30330	.71006
#1	.49656	.19783	.50789	.49504	.50215	.49759	.49329
#2	.50666	.19942	.51476	.50277	.50002	.49963	.49968
#3	.50234	.19858	.51231	.49791	.50286	.49668	.49911
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.60000	.24000	.60000	.60000	.60000	.60000	.60000
Low	.40000	.16000	.40000	.40000	.40000	.40000	.40000

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48234	.49355	5.0235	5.6946	5.5819	5.7584	4.9640
SDev	.00407	.00211	.0319	.0466	.0599	.0404	.0290
%RSD	.84390	.42736	.63433	.81807	1.0727	.70245	.58407
#1	.47908	.49382	4.9944	5.6468	5.5195	5.7207	4.9414
#2	.48690	.49551	5.0575	5.7399	5.6389	5.8011	4.9967
#3	.48103	.49132	5.0188	5.6970	5.5872	5.7534	4.9539
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.60000	.60000	6.0000	6.6000	6.6000	6.6000	6.0000
Low	.40000	.40000	4.0000	4.4000	4.4000	4.4000	4.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H6.6458	.51629	L-.00129	H.09533	H.00209	.50178	.49479
SDev	.1540	.00304	.00077	.00217	.00191	.00309	.00374
%RSD	2.3167	.58800	59.590	2.2779	91.628	.61564	.75636
#1	H6.4683	.51280	L-.00192	H.09282	H.00241	.49822	.49049
#2	H6.7432	.51832	L-.00152	H.09647	H.00382	.50364	.49730
#3	H6.7260	.51776	L-.00043	H.09669	H.00003	.50349	.49657
Errors	LC High	LC Pass	LC Low	LC High	LC High	NOCHECK	NOCHECK

1681

High	6.0000	.60000	.00000	.00000	.00000
Low	4.0000	.40000	.00000	.00000	.00000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.48223	.48208
SDev	.00088	.00600
%RSD	.18308	1.2455
#1	.48133	.47763
#2	.48225	.48891
#3	.48310	.47969
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37926	--	--	--	--	--	--
SDev	133.6377	--	--	--	--	--	--
%RSD	.3523655	--	--	--	--	--	--
#1	37955	--	--	--	--	--	--
#2	37780	--	--	--	--	--	--
#3	38042	--	--	--	--	--	--

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Method: EPA3 Sample Name: N74676-1 Operator:
Run Time: 08/16/04 18:42:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13797	.00009	-.00026	.00070	.00114	.11980	.77163
SDev	.00058	.00004	.00022	.00041	.00024	.00070	.00479
%RSD	.41846	46.164	83.069	58.913	21.398	.58124	.62066
#1	.13730	.00014	-.00049	.00116	.00131	.11914	.76610
#2	.13835	.00009	-.00007	.00052	.00126	.12052	.77446
#3	.13825	.00005	-.00022	.00041	.00086	.11973	.77433
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00120	-.00032	.00293	.08520	.00203	-.00222	.00914
SDev	.00005	.00025	.00026	.00065	.00331	.00878	.00131
%RSD	3.7978	78.413	8.7232	.76877	163.09	396.10	14.298
#1	.00118	-.00040	.00265	.08455	.00525	.00459	.00963
#2	.00126	-.00053	.00299	.08586	.00222	L-.01213	.01014
#3	.00117	-.00004	.00315	.08519	-.00137	.00089	.00766
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00126	.00306	.60141	119.38	6.7929	49.671	3.2077
SDev	.00187	.00243	.00075	.85	.0352	.308	.0293
%RSD	148.30	79.414	.12488	.71162	.51880	.62024	.91419
#1	.00110	.00026	.60080	118.41	6.7549	49.316	3.1738
#2	-.00052	.00458	.60225	119.97	6.7995	49.847	3.2240
#3	.00320	.00434	.60117	119.76	6.8245	49.851	3.2252
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	127.98	.00281	-.00093	19.807	.00251	.00699	.00975
SDev	.79	.00031	.00107	.099	.00198	.00159	.00254
%RSD	.61569	10.955	114.90	.50169	78.868	22.802	26.070
#1	127.07	.00259	-.00147	19.692	.00435	.00797	.00999
#2	128.33	.00267	-.00161	19.862	.00041	.00515	.01216
#3	128.52	.00316	.00030	19.867	.00278	.00786	.00709
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.00168	.00073
SDev	.00018	.00275
%RSD	10.497	374.79
#1	.00151	.00058
#2	.00166	-.00193
#3	.00186	.00355
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38027	--	--	--	--	--	--
SDev	205.2172	--	--	--	--	--	--
%RSD	.5396551	--	--	--	--	--	--
#1	38262	--	--	--	--	--	--
#2	37883	--	--	--	--	--	--
#3	37937	--	--	--	--	--	--

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Method: EPA3 Sample Name: N74676-2 Operator:
Run Time: 08/16/04 18:50:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13963	.00013	-.00036	.00280	.00007	.00159	.12363
SDev	.00033	.00003	.00029	.00028	.00039	.00016	.00040
%RSD	.23462	19.695	79.648	9.8771	604.90	9.9170	.32446
#1	.13980	.00015	-.00004	.00251	-.00034	.00177	.12361
#2	.13926	.00010	-.00046	.00282	.00009	.00147	.12324
#3	.13984	.00014	-.00058	.00306	.00045	.00152	.12404
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00721	.00003	.00171	.01014	.00184	-.00519	.00119
SDev	.00066	.00014	.00032	.00069	.00364	.00219	.00210
%RSD	9.1464	438.64	18.800	6.8182	197.76	42.110	176.51
#1	.00787	.00016	.00204	.00990	-.00215	-.00772	.00332
#2	.00655	-.00012	.00170	.01091	.00269	-.00397	.00113
#3	.00719	.00005	.00139	.00959	.00499	-.00389	-.00088
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00124	.00177	.01565	114.95	.01721	49.329	2.7220
SDev	.00037	.00653	.00167	.31	.00210	.149	.0124
%RSD	29.591	368.15	10.646	.26646	12.215	.30238	.45552
#1	.00164	-.00478	.01377	114.85	.01538	49.285	2.7278
#2	.00093	.00183	.01694	114.71	.01674	49.207	2.7077
#3	.00114	.00828	.01623	115.30	.01950	49.495	2.7303
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	126.24	.00288	.00046	18.917	.00225	-.00092	.00177
SDev	.34	.00072	.00068	.059	.00426	.00086	.00278
%RSD	.27210	25.091	146.38	.31036	189.19	93.072	157.21
#1	126.03	.00234	.00006	18.900	-.00263	.00007	.00446
#2	126.05	.00370	.00008	18.869	.00517	-.00140	.00192
#3	126.64	.00260	.00125	18.983	.00421	-.00143	-.00108
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00644	.00475
SDev	.00244	.00176
%RSD	37.921	37.066
#1	-.00895	.00662
#2	-.00408	.00312
#3	-.00627	.00452
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37606	--	--	--	--	--	--
SDev	145.7751	--	--	--	--	--	--
%RSD	.3876419	--	--	--	--	--	--
#1	37484	--	--	--	--	--	--
#2	37767	--	--	--	--	--	--
#3	37566	--	--	--	--	--	--

Analysis Report QC Standard 08/16/04 07:05:26 PM page 1

Method: EPA3 Sample Name: CCV Operator:
Run Time: 08/16/04 18:57:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9797	1.9747	1.9304	1.9277	1.9591	1.9469	1.9518
SDev	.0310	.0450	.0480	.0448	.0460	.0319	.0429
%RSD	1.5659	2.2797	2.4841	2.3236	2.3482	1.6403	2.1980
#1	2.0130	2.0257	1.9851	1.9786	2.0109	1.9809	2.0000
#2	1.9745	1.9579	1.9107	1.9105	1.9436	1.9423	1.9377
#3	1.9516	1.9404	Q1.8955	Q1.8941	1.9229	1.9175	1.9178
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9521	.25027	2.0018	1.9251	1.9762	1.9673	1.9789
SDev	.0421	.00550	.0567	.0533	.0386	.0417	.0155
%RSD	2.1566	2.1962	2.8309	2.7691	1.9515	2.1185	.78467
#1	1.9999	.25654	2.0636	1.9863	2.0188	2.0134	1.9831
#2	1.9357	.24801	1.9898	1.9001	1.9661	1.9564	1.9617
#3	1.9207	.24627	1.9522	Q1.8888	1.9437	1.9322	1.9918
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	.25000	2.0000	2.0000	2.0000	2.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0406	1.9408	39.376	38.917	40.149	40.065	39.319
SDev	.0106	.0353	.671	.961	.941	.818	.492
%RSD	.51958	1.8203	1.7044	2.4691	2.3432	2.0408	1.2526
#1	2.0465	1.9801	40.113	40.015	41.210	40.981	39.863
#2	2.0284	1.9310	39.213	38.505	39.816	39.803	39.193
#3	2.0470	1.9115	38.801	38.230	39.419	39.410	38.902
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	2.0000	40.000	40.000	40.000	40.000	40.000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	39.515	1.9803	1.9238	5.0301	1.9872	1.9520	1.9918
SDev	.603	.0457	.0355	.1066	.0527	.0445	.0365
%RSD	1.5262	2.3056	1.8467	2.1184	2.6544	2.2785	1.8304
#1	40.193	2.0314	1.9639	5.1500	2.0450	1.9965	1.9760
#2	39.314	1.9662	1.9115	4.9940	1.9749	1.9521	1.9660
#3	39.038	1.9434	Q1.8961	4.9463	1.9416	1.9075	2.0335
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

Value	40.000	2.0000	2.0000	5.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	1.9991	2.0611
SDev	.0483	.0269
%RSD	2.4172	1.3071
#1	2.0513	2.0438
#2	1.9899	2.0473
#3	1.9560	2.0921
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38202	--	--	--	--	--	--
SDev	320.6534	--	--	--	--	--	--
%RSD	.8393717	--	--	--	--	--	--
#1	37900	--	--	--	--	--	--
#2	38166	--	--	--	--	--	--
#3	38538	--	--	--	--	--	--

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Method: EPA3 Sample Name: CCB Operator:
Run Time: 08/16/04 19:05:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00047	.00038	.00019	.00054	.00061	-.00004	.00048
SDev	.00003	.00005	.00021	.00025	.00059	.00022	.00015
%RSD	5.7950	11.913	112.81	45.835	97.372	564.84	30.864
#1	-.00047	.00042	.00025	.00070	.00103	.00005	.00055
#2	-.00050	.00040	.00037	.00026	.00086	.00012	.00059
#3	-.00044	.00033	-.00005	.00068	-.00007	-.00030	.00031
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.02000	.00050	.00090	.00500	.00240	.00270	.00150

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00062	.00014	.00099	-.00053	-.00272	.00059	-.00053
SDev	.00094	.00019	.00010	.00026	.00139	.00468	.00230
%RSD	151.05	140.86	10.140	48.905	51.173	796.71	430.82
#1	.00058	.00036	.00104	-.00025	-.00120	.00260	-.00061
#2	-.00030	.00003	.00105	-.00059	-.00303	-.00476	.00180
#3	.00158	.00002	.00087	-.00076	-.00392	.00392	-.00279
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.00400	.00210	.00500	.00270	.00500	.01000	.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00120	-.00013	-.00046	-.01237	.00359	.01839	-.22271
SDev	.00319	.00268	.00418	.00243	.01614	.00564	.01782
%RSD	266.52	1988.8	908.94	19.665	449.87	30.685	8.0024
#1	.00020	-.00271	.00430	-.01009	-.00296	.02489	-.20553
#2	-.00484	.00263	-.00216	-.01210	.02198	.01559	-.22149
#3	.00105	-.00033	-.00352	-.01493	-.00825	.01470	-.24111
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.00500	.00500	.02970	.50000	.05520	.50000	.50000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.48306	.00265	.00083	-.01153	.00400	-.00301	.00024
SDev	.12354	.00027	.00077	.00365	.00103	.00100	.00383
%RSD	25.574	10.209	93.835	31.609	25.639	33.232	1587.0
#1	-.36579	.00297	.00137	-.00921	.00364	-.00374	.00049
#2	Q-.61203	.00251	.00117	-.00965	.00321	-.00342	.00395
#3	-.47137	.00249	-.00006	-.01573	.00516	-.00187	-.00371
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

Value	.00000	.00000	.00000	.00000	.00000
Range	.50940	.00300	.08100	.02300	.00690

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.00135	-.00277
SDev	.00304	.00333
%RSD	225.22	120.29
#1	.00193	-.00098
#2	-.00194	-.00661
#3	.00406	-.00071
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38732	--	--	--	--	--	--
SDev	286.7377	--	--	--	--	--	--
%RSD	.7403172	--	--	--	--	--	--
#1	38458	--	--	--	--	--	--
#2	38708	--	--	--	--	--	--
#3	39030	--	--	--	--	--	--

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Method: EPA3 Sample Name: N74676-3A Operator:
Run Time: 08/16/04 19:13:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14284	.00022	-.00027	.00264	.00017	.00126	.12509
SDev	.00032	.00001	.00028	.00110	.00028	.00030	.00015
%RSD	.22085	4.1556	101.74	41.603	168.11	23.705	.11855
#1	.14269	.00022	-.00026	.00340	.00049	.00159	.12525
#2	.14264	.00022	-.00056	.00314	.00000	.00104	.12495
#3	.14321	.00024	-.00000	.00138	.00001	.00113	.12507
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00793	-.00036	.00245	.01170	.00132	-.00299	.00149
SDev	.00163	.00020	.00018	.00030	.00431	.00143	.00181
%RSD	20.552	54.605	7.4959	2.5508	326.31	47.733	121.65
#1	.00942	-.00034	.00236	.01171	.00240	-.00157	-.00060
#2	.00819	-.00017	.00234	.01200	.00498	-.00443	.00249
#3	.00619	-.00056	.00267	.01140	-.00342	-.00298	.00258
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00089	.00469	.02360	116.20	.03113	49.730	2.7657
SDev	.00265	.00371	.00123	.24	.00429	.094	.0083
%RSD	296.58	79.219	5.2321	.21033	13.788	.18869	.30065
#1	.00138	.00896	.02477	116.46	.02623	49.805	2.7742
#2	.00326	.00283	.02231	115.98	.03423	49.625	2.7576
#3	-.00196	.00227	.02371	116.16	.03293	49.761	2.7655
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	127.37	.00321	-.00013	19.102	.00286	-.00207	.00279
SDev	.32	.00143	.00139	.039	.00474	.00160	.00205
%RSD	.25119	44.537	1039.3	.20251	165.88	77.030	73.603
#1	127.26	.00483	.00050	19.134	.00767	-.00367	.00045
#2	127.12	.00212	.00083	19.059	.00270	-.00207	.00430
#3	127.73	.00268	-.00173	19.113	-.00180	-.00048	.003[illegible]
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

1691

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00488	.00346
SDev	.00285	.00290
%RSD	58.322	83.876
#1	-.00262	.00306
#2	-.00394	.00654
#3	-.00808	.00078
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37765	--	--	--	--	--	--
SDev	204.6766	--	--	--	--	--	--
%RSD	.5419771	--	--	--	--	--	--
#1	37551	--	--	--	--	--	--
#2	37959	--	--	--	--	--	--
#3	37784	--	--	--	--	--	--

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Method: EPA3 Sample Name: N74812-2 Operator:
Run Time: 08/16/04 19:20:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.67338	.00008	.00011	.00300	.00198	.12474	5.4072
SDev	.01534	.00003	.00011	.00099	.00077	.00261	.1305
%RSD	2.2782	44.508	96.503	33.032	38.949	2.0913	2.4137
#1	.66809	.00004	.00019	.00228	.00159	.12355	5.3022
#2	.66138	.00012	.00015	.00413	.00288	.12293	5.3661
#3	.69066	.00008	-.00001	.00258	.00149	.12773	5.5533
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00262	.00091	.00481	.08499	.03470	-.00071	.03830
SDev	.00193	.00084	.00040	.00235	.00157	.00797	.00135
%RSD	73.677	92.502	8.4243	2.7685	4.5302	1126.5	3.5137
#1	.00155	.00020	.00439	.08234	.03291	-.00534	.03981
#2	.00485	.00184	.00484	.08581	.03586	-.00528	.03724
#3	.00146	.00068	.00520	.08682	.03534	.00849	.03785
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	L-.00555	.00502	.34424	72.040	3.7044	23.631	5.6801
SDev	.00253	.00279	.00894	1.887	.0924	.544	.1466
%RSD	45.638	55.654	2.5954	2.6201	2.4947	2.3028	2.5817
#1	L-.00688	.00350	.33889	70.326	3.6298	23.227	5.6206
#2	L-.00715	.00824	.33928	71.731	3.6756	23.416	5.5726
#3	-.00263	.00331	.35456	74.063	3.8078	24.250	5.8472
Errors	LC Low	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	176.19	.01175	.00134	9.6577	.03916	.03724	.03834
SDev	3.27	.00153	.00391	.2229	.00167	.00155	.00172
%RSD	1.8541	13.038	291.00	2.3085	4.2585	4.1606	4.4965
#1	174.81	.01260	-.00180	9.5236	.04003	.03852	.03997
#2	173.84	.01267	.00572	9.5344	.04021	.03768	.03654
#3	179.92	.00998	.00010	9.9150	.03724	.03552	.03852
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

1693

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00584	-.00573
SDev	.00354	.00207
%RSD	60.672	36.120
#1	-.00705	-.00711
#2	-.00861	-.00673
#3	-.00185	-.00335
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37033	--	--	--	--	--	--
SDev	782.0582	--	--	--	--	--	--
%RSD	2.111783	--	--	--	--	--	--
#1	37138	--	--	--	--	--	--
#2	37758	--	--	--	--	--	--
#3	36204	--	--	--	--	--	--

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Method: EPA3 Sample Name: N74812-3 Operator:
Run Time: 08/16/04 19:28:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.64073	.00003	-.00045	.00203	.00096	.00608	5.2221
SDev	.00542	.00002	.00003	.00045	.00033	.00025	.0360
%RSD	.84654	67.407	5.5653	22.145	34.077	4.1705	.68983
#1	.64478	.00002	-.00048	.00155	.00132	.00602	5.2505
#2	.64284	.00006	-.00044	.00244	.00088	.00587	5.2341
#3	.63456	.00003	-.00043	.00210	.00068	.00636	5.1816
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00179	-.00000	.00389	.02549	.02458	-.00139	.01005
SDev	.00038	.00018	.00058	.00019	.00341	.00171	.00081
%RSD	21.085	14488.	14.862	.76662	13.849	122.51	8.0308
#1	.00183	-.00011	.00385	.02548	.02376	-.00260	.00925
#2	.00140	.00021	.00450	.02568	.02167	-.00215	.01003
#3	.00215	-.00011	.00334	.02529	.02833	.00056	.01087
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00056	.00315	.26754	70.228	1.8413	23.136	5.5234
SDev	.00263	.00202	.00431	.464	.0268	.162	.0477
%RSD	468.26	64.094	1.6113	.66056	1.4560	.69916	.86350
#1	.00233	.00334	.26990	70.589	1.8403	23.258	5.5676
#2	-.00120	.00507	.27016	70.390	1.8686	23.196	5.5296
#3	-.00282	.00105	.26256	69.704	1.8150	22.952	5.4729
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	171.03	.01221	-.00114	9.1367	.00121	.01068	.00926
SDev	1.04	.00074	.00069	.0704	.00139	.00149	.00063
%RSD	.60699	6.0810	60.078	.77045	115.16	13.956	6.7894
#1	171.98	.01236	-.00165	9.1868	.00011	.00897	.00892
#2	171.18	.01140	-.00036	9.1670	.00074	.01139	.00887
#3	169.92	.01286	-.00142	9.0562	.00278	.01168	.00998
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00006	-.00113
SDev	.00220	.00330
%RSD	3405.0	292.13
#1	.00100	.00267
#2	.00140	-.00281
#3	-.00259	-.00325
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37579	--	--	--	--	--	--
SDev	97.77010	--	--	--	--	--	--
%RSD	.2601689	--	--	--	--	--	--
#1	37510	--	--	--	--	--	--
#2	37538	--	--	--	--	--	--
#3	37691	--	--	--	--	--	--

Method: EPA3 Sample Name: N74812-4 Operator:
Run Time: 08/16/04 19:35:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48355	.00002	-.00026	.00076	.00052	.43858	4.2744
SDev	.01072	.00001	.00038	.00089	.00047	.00993	.1030
%RSD	2.2173	50.129	145.66	117.02	89.305	2.2644	2.4086
#1	.47281	.00002	-.00024	.00115	-.00001	.42861	4.1666
#2	.48360	.00002	-.00065	.00140	.00075	.43865	4.2850
#3	.49425	.00004	.00011	-.00026	.00083	.44848	4.3717
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00316	.00019	.00568	.70716	.01213	-.00566	.07563
SDev	.00086	.00028	.00034	.01706	.00446	.00106	.00283
%RSD	27.382	150.56	6.0473	2.4130	36.762	18.768	3.7391
#1	.00217	.00015	.00605	.68919	.01357	-.00465	.07244
#2	.00349	.00049	.00537	.70916	.00713	-.00677	.07660
#3	.00380	-.00007	.00563	.72314	.01569	-.00555	.07784
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00392	.00243	.10878	70.273	.45209	22.996	5.4632
SDev	.00177	.00412	.00735	1.748	.01511	.560	.1457
%RSD	45.233	169.28	6.7536	2.4873	3.3419	2.4368	2.6673
#1	L-.00524	.00702	.10067	68.435	.44858	22.406	5.3089
#2	-.00461	.00124	.11069	70.469	.43904	23.060	5.4823
#3	-.00190	-.00096	.11499	71.914	.46864	23.521	5.5985
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	167.91	.01770	-.00040	8.4149	.00398	.07746	.07424
SDev	3.31	.00080	.00118	.1933	.00187	.00079	.00455
%RSD	1.9699	4.5038	295.91	2.2974	47.080	1.0225	6.1220
#1	164.56	.01737	-.00165	8.2135	.00267	.07801	.06919
#2	167.99	.01712	-.00024	8.4323	.00612	.07781	.07551
#3	171.18	.01861	.00069	8.5989	.00314	.07655	.0780
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00553	-.00343
SDev	.00253	.00256
%RSD	45.748	74.506
#1	-.00401	-.00617
#2	-.00845	-.00301
#3	-.00414	-.00111
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37817	--	--	--	--	--	--
SDev	714.4419	--	--	--	--	--	--
%RSD	1.889218	--	--	--	--	--	--
#1	38550	--	--	--	--	--	--
#2	37777	--	--	--	--	--	--
#3	37123	--	--	--	--	--	--

Method: EPA3 Sample Name: N74812-5A Operator:
Run Time: 08/16/04 19:43:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.33041	-.00001	-.00020	.00099	.00078	.00023	3.5425
SDev	.00136	.00003	.00018	.00049	.00020	.00044	.0159
%RSD	.41289	215.18	90.059	49.808	25.757	193.89	.44782
#1	.32899	-.00004	-.00040	.00150	.00059	.00019	3.5290
#2	.33053	.00002	-.00004	.00096	.00100	.00069	3.5384
#3	.33171	-.00002	-.00017	.00052	.00076	-.00019	3.5599
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00307	.00030	.01150	.00645	.01420	-.00034	.00049
SDev	.00143	.00012	.00040	.00020	.00195	.00205	.00165
%RSD	46.486	40.794	3.4867	3.1194	13.740	603.77	337.92
#1	.00260	.00033	.01123	.00654	.01196	-.00269	-.00099
#2	.00193	.00041	.01130	.00658	.01513	.00059	.00226
#3	.00467	.00017	.01196	.00622	.01552	.00108	.00020
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00063	.00387	.14244	69.499	.05314	23.028	5.5870
SDev	.00103	.00249	.00286	.332	.00448	.092	.0309
%RSD	164.00	64.306	2.0105	.47818	8.4258	.39818	.55323
#1	-.00175	.00447	.13962	69.231	.05115	22.944	5.5613
#2	-.00041	.00602	.14236	69.395	.05826	23.016	5.5783
#3	.00027	.00114	.14535	69.871	.05000	23.126	5.6213
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	167.25	.02416	-.00017	8.0632	.00199	-.00218	.00134
SDev	.85	.00053	.00026	.0302	.00355	.00264	.00379
%RSD	.50548	2.1978	153.66	.37464	178.40	121.31	282.00
#1	166.51	.02366	-.00044	8.0348	.00592	.00027	-.00210
#2	167.06	.02411	-.00014	8.0598	.00100	-.00498	.00541
#3	168.17	.02472	.00007	8.0950	-.00096	-.00183	.00[illegible]
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

1699

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00314	.00031
SDev	.00285	.00012
%RSD	91.018	37.905
#1	-.00626	.00019
#2	-.00248	.00031
#3	-.00067	.00043
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37764	--	--	--	--	--	--
SDev	145.0097	--	--	--	--	--	--
%RSD	.3839919	--	--	--	--	--	--
#1	37924	--	--	--	--	--	--
#2	37726	--	--	--	--	--	--
#3	37642	--	--	--	--	--	--

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Method: EPA3 Sample Name: MP26791-S2 Operator:
Run Time: 08/16/04 19:51:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.7443	.09225	.08770	.87881	.60180	.59407	1.4048
SDev	.0253	.00062	.00042	.00568	.00369	.00407	.0093
%RSD	.67630	.67065	.47747	.64617	.61369	.68523	.66281
#1	3.7698	.09278	.08748	.88429	.60488	.59787	1.4137
#2	3.7192	.09157	.08744	.87295	.59770	.58977	1.3952
#3	3.7440	.09239	.08819	.87920	.60282	.59458	1.4055
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.91998	.08740	1.5623	1.1169	3.4909	3.3129	1.5458
SDev	.00624	.00069	.0118	.0075	.0207	.0284	.0113
%RSD	.67828	.78703	.75246	.67058	.59302	.85745	.73329
#1	.92549	.08773	1.5720	1.1224	3.5035	3.3404	1.5588
#2	.91320	.08661	1.5493	1.1084	3.4670	3.2837	1.5375
#3	.92125	.08787	1.5658	1.1198	3.5021	3.3146	1.5412
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.2457	.07436	233.84	13.629	389.70	20.392	23.167
SDev	.0211	.00142	1.67	.089	2.45	.140	.173
%RSD	.64940	1.9135	.71282	.65434	.62923	.68666	.74500
#1	3.2674	.07540	235.42	13.704	391.93	20.531	23.316
#2	3.2253	.07274	232.10	13.531	387.07	20.251	22.978
#3	3.2443	.07495	233.99	13.653	390.09	20.395	23.207
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.842	.00671	-.02362	.77354	.02821	1.5678	1.5344
SDev	.243	.00049	.00095	.00452	.00112	.0141	.0117
%RSD	2.0485	7.3611	4.0056	.58465	3.9806	.89802	.76536
#1	11.890	.00727	-.02469	.77801	.02892	1.5827	1.5463
#2	11.579	.00651	-.02289	.76897	.02692	1.5660	1.5228
#3	12.057	.00634	-.02329	.77363	.02881	1.5547	1.534[illegible]
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

1701

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	3.2610	3.2377
SDev	.0369	.0196
%RSD	1.1321	.60680
#1	3.3032	3.2492
#2	3.2454	3.2150
#3	3.2345	3.2488
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38418	--	--	--	--	--	--
SDev	379.7878	--	--	--	--	--	--
%RSD	.9885777	--	--	--	--	--	--
#1	37979	--	--	--	--	--	--
#2	38627	--	--	--	--	--	--
#3	38646	--	--	--	--	--	--

Method: EPA3 Sample Name: MP26791-SD1 Operator:
Run Time: 08/16/04 19:58:43
Comment:
Mode: CONC Corr. Factor: 5

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.32629	.00459	.00222	.03413	.25908	.14944	.59677
SDev	.00029	.00014	.00050	.00275	.00108	.00167	.00151
%RSD	.08913	3.1309	22.673	8.0689	.41810	1.1182	.25215
#1	.32645	.00446	.00269	.03407	.25802	.14814	.59523
#2	.32596	.00458	.00169	.03692	.26019	.15132	.59685
#3	.32647	.00474	.00229	.03141	.25903	.14885	.59824
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06604	.00176	.71746	.30447	.19081	L-.05862	.59804
SDev	.00662	.00098	.00268	.00058	.00937	.00566	.00302
%RSD	10.032	55.765	.37418	.19039	4.9116	9.6520	.50439
#1	.06111	.00277	.71670	.30435	.19483	L-.06314	.59459
#2	.06344	.00082	.72045	.30396	.19751	L-.06043	.60020
#3	.07357	.00169	.71524	.30510	.18010	L-.05227	.59932
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01572	.00577	167.97	2.8385	355.33	9.5092	12.713
SDev	.01565	.01179	.50	.0022	1.21	.0297	.011
%RSD	99.562	204.39	.29913	.07862	.34012	.31261	.08577
#1	.02849	L-.00683	167.40	2.8394	353.94	9.4777	12.725
#2	.02043	.01654	168.19	2.8401	356.11	9.5367	12.705
#3	-.00174	.00760	168.33	2.8360	355.94	9.5131	12.708
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.58032	.00768	-.02189	.83234	.04224	.60768	.59165
SDev	.45093	.00517	.00167	.00315	.00795	.00754	.00169
%RSD	77.704	67.313	7.6135	.37830	18.808	1.2412	.28526
#1	-.27529	.00879	-.02255	.83594	.05090	.60010	.59028
#2	-.36737	.01221	-.01999	.83091	.04053	.61518	.59114
#3	-1.0983	.00205	-.02313	.83015	.03529	.60777	.5935[illegible]
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

1703

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00460	.02445
SDev	.01236	.01762
%RSD	268.50	72.076
#1	.00799	.03737
#2	-.00507	.03161
#3	-.01672	.00437
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38271	--	--	--	--	--	--
SDev	45.49749	--	--	--	--	--	--
%RSD	.1188835	--	--	--	--	--	--
#1	38321	--	--	--	--	--	--
#2	38232	--	--	--	--	--	--
#3	38259	--	--	--	--	--	--

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Method: EPA3 Sample Name: N74968-1 Operator:
Run Time: 08/16/04 20:06:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37240	.00227	.00339	.05155	.20492	.21579	1.3352
SDev	.00147	.00001	.00029	.00028	.00163	.00055	.0067
%RSD	.39413	.56306	8.4856	.55166	.79409	.25444	.50444
#1	.37090	.00226	.00372	.05132	.20304	.21523	1.3275
#2	.37383	.00226	.00321	.05146	.20584	.21633	1.3400
#3	.37247	.00228	.00324	.05187	.20588	.21579	1.3381
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13750	.00018	.22436	.58744	.03651	L-.02134	.61939
SDev	.00106	.00004	.00040	.00322	.00250	.00182	.00292
%RSD	.77091	21.626	.18014	.54886	6.8586	8.5313	.47123
#1	.13801	.00015	.22470	.58374	.03912	L-.02158	.61614
#2	.13628	.00016	.22446	.58967	.03413	L-.01941	.62180
#3	.13822	.00022	.22391	.58890	.03628	L-.02303	.62021
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00229	-.00493	91.191	14.301	137.18	16.988	5.9421
SDev	.00166	.00196	.466	.079	.71	.091	.0292
%RSD	72.466	39.826	.51131	.55120	.52100	.53785	.49189
#1	.00403	L-.00654	90.672	14.210	136.37	16.885	5.9122
#2	.00072	-.00274	91.575	14.353	137.68	17.056	5.9706
#3	.00213	L-.00551	91.327	14.340	137.51	17.024	5.9433
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3832	.00772	-.00990	.77223	.03029	.63234	.61248
SDev	.1028	.00053	.00082	.00356	.00257	.00543	.00168
%RSD	7.4292	6.9361	8.3332	.46156	8.4857	.85803	.27450
#1	1.5018	.00712	-.01084	.76902	.02896	.62637	.61058
#2	1.3206	.00814	-.00958	.77606	.03325	.63697	.61377
#3	1.3271	.00789	-.00928	.77160	.02866	.63368	.61310
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

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High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00055	.00341
SDev	.00089	.00218
%RSD	162.83	63.965
#1	.00044	.00552
#2	-.00078	.00116
#3	-.00130	.00355
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39983	--	--	--	--	--	--
SDev	100.2799	--	--	--	--	--	--
%RSD	.2508086	--	--	--	--	--	--
#1	40098	--	--	--	--	--	--
#2	39922	--	--	--	--	--	--
#3	39928	--	--	--	--	--	--

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Method: EPA3 Sample Name: N74126-1 Operator:
Run Time: 08/16/04 20:13:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20774	-.00040	.00154	.10634	.17625	.18876	3.8541
SDev	.00120	.00010	.00040	.00086	.00043	.00117	.0120
%RSD	.57940	25.345	25.804	.80999	.24308	.61728	.31086
#1	.20790	-.00042	.00121	.10667	.17665	.18848	3.8679
#2	.20646	-.00049	.00143	.10536	.17580	.18776	3.8463
#3	.20885	-.00029	.00198	.10698	.17629	.19003	3.8480
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11659	.00021	.54502	.22659	.01460	L-.02363	.01668
SDev	.00109	.00029	.00433	.00079	.00167	.01960	.00162
%RSD	.93426	136.78	.79521	.35000	11.449	82.939	9.6967
#1	.11598	-.00002	.54347	.22672	.01297	L-.02495	.01851
#2	.11594	.00012	.54168	.22574	.01453	L-.04254	.01546
#3	.11785	.00054	.54992	.22731	.01631	-.00341	.01607
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00144	L-.00662	94.323	25.338	201.19	29.009	5.1752
SDev	.00042	.00621	.303	.078	.51	.101	.0159
%RSD	28.934	93.768	.32087	.30831	.25450	.34652	.30750
#1	-.00105	L-.00942	94.434	25.409	201.53	29.072	5.1851
#2	-.00188	L-.01095	93.981	25.254	200.60	28.893	5.1569
#3	-.00139	.00049	94.555	25.350	201.44	29.062	5.1837
Errors	LC Pass	LC Low	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.7466	.00896	-.04008	.71907	.02951	.02696	.01115
SDev	.2555	.00209	.00067	.01263	.00522	.00470	.00314
%RSD	6.8197	23.309	1.6766	1.7562	17.686	17.430	28.179
#1	3.8586	.00784	-.04029	.73350	.02550	.02881	.01291
#2	3.9271	.00767	-.04063	.71001	.02761	.03044	.00752
#3	3.4543	.01137	-.03933	.71371	.03541	.02161	.01309
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.01164	.00337
SDev	.00318	.00205
%RSD	27.307	61.077
#1	-.01197	.00412
#2	-.00831	.00104
#3	-.01464	.00494
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40720	--	--	--	--	--	--
SDev	900.6152	--	--	--	--	--	--
%RSD	2.211727	--	--	--	--	--	--
#1	40038	--	--	--	--	--	--
#2	40382	--	--	--	--	--	--
#3	41741	--	--	--	--	--	--

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Method: EPA3 Sample Name: N74942-1R Operator:
Run Time: 08/16/04 20:21:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01587	-.00005	.00037	.00182	.02283	.02851	.01855
SDev	.00011	.00001	.00055	.00034	.00049	.00057	.00016
%RSD	.69642	15.488	150.82	18.898	2.1670	1.9922	.86476
#1	.01599	-.00006	.00091	.00145	.02289	.02793	.01865
#2	.01576	-.00005	-.00019	.00213	.02330	.02907	.01863
#3	.01587	-.00006	.00037	.00189	.02231	.02854	.01836
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00620	-.00001	.04178	.03294	.00712	-.00965	.02449
SDev	.00105	.00038	.00031	.00029	.00183	.00401	.00049
%RSD	16.956	4749.7	.74144	.88979	25.719	41.552	2.0114
#1	.00740	-.00031	.04164	.03261	.00850	-.00503	.02396
#2	.00546	.00043	.04213	.03313	.00504	L-.01218	.02493
#3	.00573	-.00014	.04156	.03310	.00780	L-.01175	.02459
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00198	.00306	12.264	1.2985	37.134	.21439	.13363
SDev	.00119	.00342	.020	.0041	.133	.00103	.00757
%RSD	60.119	111.92	.16661	.31749	.35794	.48085	5.6681
#1	-.00245	.00677	12.253	1.2949	37.012	.21479	.12612
#2	-.00062	.00238	12.288	1.3030	37.275	.21321	.14127
#3	-.00285	.00003	12.252	1.2976	37.114	.21515	.13350
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19506	.01282	-.01692	.76716	.02168	.02271	.02499
SDev	.11675	.00085	.00034	.00524	.00398	.00189	.00141
%RSD	59.853	6.6127	2.0286	.68327	18.337	8.3351	5.6444
#1	.07571	.01193	-.01703	.77088	.01898	.02281	.02414
#2	.20043	.01362	-.01720	.76943	.01982	.02077	.02662
#3	.30902	.01289	-.01654	.76116	.02625	.02455	.02421
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00874	.00109
SDev	.00416	.00281
%RSD	47.608	257.02
#1	-.01316	.00259
#2	-.00818	.00284
#3	-.00490	-.00215
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38128	--	--	--	--	--	--
SDev	173.1129	--	--	--	--	--	--
%RSD	.4540341	--	--	--	--	--	--
#1	38258	--	--	--	--	--	--
#2	37931	--	--	--	--	--	--
#3	38194	--	--	--	--	--	--

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Method: EPA3 Sample Name: CCV Operator:
Run Time: 08/16/04 20:29:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9997	2.0361	1.9909	1.9882	2.0136	1.9730	1.9996
SDev	.0056	.0014	.0071	.0040	.0035	.0057	.0033
%RSD	.28168	.06669	.35533	.20141	.17477	.29090	.16659
#1	2.0062	2.0370	1.9987	1.9917	2.0172	1.9794	2.0023
#2	1.9969	2.0369	1.9893	1.9890	2.0135	1.9711	2.0005
#3	1.9960	2.0346	1.9848	1.9838	2.0102	1.9684	1.9959
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0075	.25394	2.0435	1.9950	2.0242	2.0119	2.0015
SDev	.0033	.00083	.0065	.0036	.0041	.0075	.0061
%RSD	.16209	.32711	.31770	.17843	.20473	.37397	.30286
#1	2.0106	.25477	2.0500	1.9961	2.0240	2.0196	1.9983
#2	2.0077	.25310	2.0435	1.9979	2.0285	2.0117	1.9978
#3	2.0041	.25396	2.0370	1.9910	2.0202	2.0045	2.0085
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	.25000	2.0000	2.0000	2.0000	2.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0451	1.9853	39.969	40.184	41.039	40.942	39.723
SDev	.0033	.0042	.074	.039	.075	.048	.088
%RSD	.16060	.21402	.18441	.09589	.18248	.11749	.22120
#1	2.0430	1.9902	40.050	40.219	41.100	40.990	39.824
#2	2.0435	1.9831	39.952	40.189	41.061	40.942	39.676
#3	2.0489	1.9826	39.906	40.143	40.955	40.894	39.668
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	2.0000	40.000	40.000	40.000	40.000	40.000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	40.189	2.0277	1.9532	5.1279	2.0424	2.0122	1.9958
SDev	.117	.0024	.0053	.0130	.0039	.0052	.0071
%RSD	.29119	.11786	.27087	.25393	.19250	.25734	.35550
#1	40.306	2.0250	1.9589	5.1421	2.0428	2.0070	1.9936
#2	40.190	2.0291	1.9522	5.1248	2.0382	2.0123	1.9901
#3	40.072	2.0291	1.9485	5.1167	2.0460	2.0173	2.0038
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

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Value	40.000	2.0000	2.0000	5.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	2.0385	2.0481
SDev	.0029	.0053
%RSD	.14118	.25700
#1	2.0360	2.0462
#2	2.0416	2.0441
#3	2.0380	2.0541
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38056	--	--	--	--	--	--
SDev	88.85800	--	--	--	--	--	--
%RSD	.2334927	--	--	--	--	--	--
#1	38046	--	--	--	--	--	--
#2	38150	--	--	--	--	--	--
#3	37973	--	--	--	--	--	--

Analysis Report QC Standard 08/16/04 08:44:15 PM page 1

Method: EPA3 Sample Name: CCB Operator:
Run Time: 08/16/04 20:36:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00022	.00044	.00026	-.00032	.00034	-.00039	.00059
SDev	.00008	.00002	.00041	.00025	.00018	.00013	.00005
%RSD	34.776	4.7147	156.69	80.024	53.650	34.318	9.0183
#1	-.00013	.00045	-.00021	-.00017	.00035	-.00024	.00065
#2	-.00028	.00046	.00046	-.00017	.00052	-.00048	.00056
#3	-.00024	.00042	.00053	-.00061	.00015	-.00044	.00055
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.02000	.00050	.00090	.00500	.00240	.00270	.00150

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00101	-.00009	.00127	-.00081	-.00113	-.00047	-.00139
SDev	.00066	.00018	.00090	.00050	.00143	.00552	.00132
%RSD	65.198	214.72	71.160	62.312	126.68	1164.5	94.985
#1	-.00054	-.00015	.00027	-.00127	-.00096	.00436	-.00256
#2	-.00073	.00012	.00202	-.00027	.00021	.00071	-.00167
#3	-.00176	-.00023	.00152	-.00089	-.00263	-.00649	.00005
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.00400	.00210	.00500	.00270	.00500	.01000	.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00084	-.00081	.00181	-.01884	.00968	.01487	-.19792
SDev	.00259	.00173	.00312	.00134	.00552	.00466	.00418
%RSD	308.90	213.28	172.50	7.0890	56.993	31.313	2.1133
#1	.00214	.00053	-.00024	-.01790	.01417	.01819	-.19973
#2	-.00257	-.00020	.00540	-.01825	.01134	.01688	-.19314
#3	-.00209	-.00276	.00027	-.02036	.00352	.00955	-.20089
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.00500	.00500	.02970	.50000	.05520	.50000	.50000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.42451	Q.00334	-.00026	-.00980	.00477	-.00239	-.00137
SDev	.09204	.00071	.00033	.00060	.00079	.00196	.00100
%RSD	21.681	21.201	125.38	6.0767	16.502	82.126	73.482
#1	-.36788	Q.00413	-.00054	-.01033	.00419	-.00406	-.00227
#2	Q-.53071	Q.00314	-.00034	-.00915	.00446	-.00288	-.00154
#3	-.37495	.00276	.00010	-.00991	.00567	-.00023	-.00[illegible]
Errors	QC Pass	QC Fail	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

Value	.00000	.00000	.00000	.00000	.00000
Range	.50940	.00300	.08100	.02300	.00690

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.00260	-.00287
SDev	.00373	.00390
%RSD	143.57	135.76
#1	.00320	.00129
#2	-.00140	-.00347
#3	.00599	-.00644
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37988	--	--	--	--	--	--
SDev	156.0684	--	--	--	--	--	--
%RSD	.4108331	--	--	--	--	--	--
#1	37994	--	--	--	--	--	--
#2	37830	--	--	--	--	--	--
#3	38142	--	--	--	--	--	--

Method: EPA3 Sample Name: N74962-1 Operator:
Run Time: 08/16/04 20:44:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H48.612	.00357	.07792	.13884	.51585	3.0348	4.9675
SDev	.693	.00011	.00126	.00218	.00776	.0415	.0734
%RSD	1.4249	3.1411	1.6217	1.5685	1.5049	1.3662	1.4776
#1	H49.399	.00370	.07936	.14135	.52477	3.0819	5.0512
#2	H48.341	.00353	.07698	.13771	.51215	3.0183	4.9373
#3	H48.096	.00348	.07743	.13746	.51063	3.0041	4.9140
Errors	LC High	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.41972	.01282	.26565	H57.505	14.243	L-.06674	31.882
SDev	.00628	.00016	.00432	.886	.217	.00345	.432
%RSD	1.4958	1.2812	1.6271	1.5410	1.5213	5.1677	1.3553
#1	.42695	.01263	.27044	H58.515	14.488	L-.06292	32.352
#2	.41651	.01295	.26205	H57.141	14.166	L-.06770	31.791
#3	.41569	.01286	.26446	H56.859	14.075	L-.06961	31.503
Errors	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Low	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00695	.11401	54.369	102.45	768.44	9.7709	7.4668
SDev	.00063	.00401	.751	1.55	11.79	.1354	.1202
%RSD	9.0011	3.5153	1.3816	1.5123	1.5345	1.3860	1.6099
#1	.00710	.11824	55.226	104.22	781.97	9.9247	7.6049
#2	.00626	.11353	54.055	101.77	762.93	9.7186	7.4105
#3	.00748	.11027	53.826	101.34	760.41	9.6695	7.3852
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.5510	.04803	-.01700	1.8156	5.6510	32.131	31.757
SDev	.0315	.00063	.00050	.0087	.0886	.508	.394
%RSD	2.0332	1.3164	2.9389	.48142	1.5683	1.5824	1.2415
#1	1.5611	.04836	-.01709	1.8237	5.7533	32.693	32.182
#2	1.5762	.04730	-.01646	1.8063	5.6025	32.000	31.685
#3	1.5156	.04843	-.01745	1.8168	5.5972	31.701	31.403
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

1715

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.01419	.01721
SDev	.00124	.00076
%RSD	8.7296	4.3923
#1	-.01514	.01790
#2	-.01465	.01640
#3	-.01279	.01731
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37964	--	--	--	--	--	--
SDev	594.2037	--	--	--	--	--	--
%RSD	1.565188	--	--	--	--	--	--
#1	37306	--	--	--	--	--	--
#2	38125	--	--	--	--	--	--
#3	38461	--	--	--	--	--	--

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Method: EPA3 Sample Name: MP26785-MB1 Operator:
Run Time: 08/16/04 20:51:54
Comment: 1
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00807	.00003	-.00000	.00036	.00014	.00096	.00083
SDev	.00150	.00004	.00013	.00007	.00020	.00051	.00014
%RSD	18.556	146.85	4815.2	18.376	149.79	52.975	16.436
#1	.00959	.00005	.00014	.00040	-.00009	.00150	.00091
#2	.00802	.00004	-.00006	.00040	.00031	.00087	.00090
#3	.00659	-.00002	-.00009	.00028	.00019	.00050	.00067
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.00400	.00400	.05000	.01000	.02500	.01500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00059	-.00034	.00063	.00833	.00349	-.00171	H.00641
SDev	.00165	.00017	.00017	.00165	.00188	.00670	.00192
%RSD	279.02	49.311	26.594	19.816	53.961	390.69	29.931
#1	.00092	-.00053	.00064	.00993	.00205	.00221	H.00810
#2	.00205	-.00021	.00079	.00842	H.00562	.00210	H.00679
#3	-.00120	-.00028	.00046	.00664	.00280	-.00945	H.00432
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	.04000	.01000	.05000	.02000	.00500	.01000	.00300
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00028	.00435	-.00030	-.00130	H.10218	-.00123	-.22819
SDev	.00122	.00198	.00258	.00355	.02041	.00164	.00441
%RSD	431.79	45.543	868.07	272.98	19.979	132.89	1.9342
#1	-.00067	.00296	.00067	.00163	H.11997	-.00027	-.22310
#2	-.00015	.00346	.00167	-.00028	H.10668	-.00030	-.23083
#3	.00167	H.00661	-.00322	-.00524	.07989	-.00312	-.23066
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	.00500	.00500	.20000	5.0000	.10000	5.0000	5.0000
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.33626	.00043	.00058	.03423	.00256	.00452	.00686
SDev	.07386	.00067	.00082	.00658	.00114	.00258	.00287
%RSD	21.964	155.68	140.78	19.233	44.379	57.137	41.766
#1	.25101	.00119	-.00018	.04134	.00298	.00691	.00821
#2	.37700	-.00000	.00145	.03301	.00127	.00178	.00881
#3	.38078	.00009	.00048	.02834	.00343	.00486	.00[illegible]
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

1717

High	5.0000	.00500	.05000	.20000	.01000
Low	-5.0000	-.01000	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00497	.00259
SDev	.00533	.00083
%RSD	107.14	32.108
#1	-.00890	.00312
#2	-.00710	.00301
#3	.00109	.00163
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37093	--	--	--	--	--	--
SDev	79.24633	--	--	--	--	--	--
%RSD	.2136419	--	--	--	--	--	--
#1	37008	--	--	--	--	--	--
#2	37165	--	--	--	--	--	--
#3	37106	--	--	--	--	--	--

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Method: EPA3 Sample Name: MP26785-LC1 Operator:
Run Time: 08/16/04 20:59:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50807	.50654	.50308	.50325	.50317	.50912	.50821
SDev	.00191	.00100	.00068	.00027	.00114	.00142	.00084
%RSD	.37632	.19746	.13612	.05289	.22643	.27974	.16439
#1	.51019	.50704	.50374	.50354	.50447	.51077	.50909
#2	.50648	.50539	.50237	.50301	.50236	.50835	.50743
#3	.50753	.50719	.50313	.50319	.50269	.50825	.50810
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.60000	.60000	.60000	.60000	.60000	.60000	.60000
Low	.40000	.40000	.40000	.40000	.40000	.40000	.40000

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50559	.20103	.51162	.50697	.50421	.49481	.50611
SDev	.00319	.00042	.00166	.00093	.00271	.00696	.00171
%RSD	.63189	.20651	.32369	.18262	.53719	1.4060	.33757
#1	.50323	.20147	.51315	.50783	.50113	.50201	.50619
#2	.50431	.20096	.50986	.50599	.50619	.49431	.50436
#3	.50923	.20065	.51186	.50708	.50532	.48813	.50778
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.60000	.24000	.60000	.60000	.60000	.60000	.60000
Low	.40000	.16000	.40000	.40000	.40000	.40000	.40000

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47590	.50028	5.0646	5.7262	5.6618	5.7841	5.0061
SDev	.00496	.00357	.0101	.0081	.0353	.0115	.0053
%RSD	1.0413	.71438	.19977	.14080	.62327	.19935	.10526
#1	.47600	.50440	5.0763	5.7301	5.6781	5.7947	5.0010
#2	.48080	.49830	5.0591	5.7169	5.6213	5.7718	5.0116
#3	.47089	.49812	5.0585	5.7315	5.6860	5.7857	5.0058
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.60000	.60000	6.0000	6.6000	6.6000	6.6000	6.0000
Low	.40000	.40000	4.0000	4.4000	4.4000	4.4000	4.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.6102	.51781	L-.00081	H.18346	H.00078	.50563	.50600
SDev	.0875	.00250	.00120	.00136	.00349	.00301	.00183
%RSD	1.5591	.48205	148.50	.73977	447.94	.59451	.36235
#1	5.5107	.52069	L-.00060	H.18350	H.00152	.50330	.50728
#2	5.6452	.51630	H.00027	H.18480	L-.00302	.50457	.50390
#3	5.6747	.51643	L-.00211	H.18209	H.00385	.50902	.50684
Errors	LC Pass	LC Pass	LC Low	LC High	LC High	NOCHECK	NOCHECK

1719

High	6.0000	.60000	.00000	.00000	.00000
Low	4.0000	.40000	.00000	.00000	.00000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.47280	.47712
SDev	.00570	.00547
%RSD	1.2055	1.1466
#1	.47693	.47521
#2	.47518	.48330
#3	.46630	.47287
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37283	--	--	--	--	--	--
SDev	91.83030	--	--	--	--	--	--
%RSD	.2463030	--	--	--	--	--	--
#1	37204	--	--	--	--	--	--
#2	37384	--	--	--	--	--	--
#3	37262	--	--	--	--	--	--

Analysis Report 08/16/04 09:14:38 PM

Method: EPA3 Sample Name: MP26785-S1 Operator:
Run Time: 08/16/04 21:07:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0370	.05048	.05048	.49166	.19893	.26153	1.1012
SDev	.0014	.00025	.00034	.00291	.00222	.00266	.0084
%RSD	.07044	.49716	.67621	.59194	1.1178	1.0160	.76567
#1	2.0363	.05019	.05054	.48831	.19648	.25927	1.0915
#2	2.0386	.05064	.05011	.49322	.20081	.26446	1.1065
#3	2.0360	.05061	.05079	.49347	.19951	.26087	1.1056
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49744	.04986	.50681	6.3122	1.9763	1.9786	.48824
SDev	.00098	.00066	.00052	.0390	.0057	.0061	.01880
%RSD	.19716	1.3297	.10244	.61780	.28909	.30762	3.8507
#1	.49684	.04914	.50643	6.2678	1.9721	1.9718	.46654
#2	.49857	.05000	.50741	6.3408	1.9740	1.9837	.49861
#3	.49690	.05044	.50660	6.3280	1.9828	1.9803	.49958
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.8782	.49875	2.5320	66.713	2.9710	50.737	27.097
SDev	.0651	.00435	.0108	.539	.0283	.277	.018
%RSD	3.4652	.87264	.42653	.80809	.95227	.54647	.06520
#1	1.8036	.50168	2.5199	66.092	2.9398	50.420	27.115
#2	1.9234	.50082	2.5407	67.056	2.9781	50.936	27.080
#3	1.9077	.49375	2.5354	66.991	2.9950	50.855	27.097
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	65.241	.00084	-.00228	10.308	.00116	.48411	.48993
SDev	.119	.00134	.00181	.057	.00219	.02713	.01466
%RSD	.18256	159.82	79.660	.55283	188.40	5.6050	2.9931
#1	65.254	.00126	-.00415	10.242	.00364	.45279	.47304
#2	65.116	.00192	-.00053	10.341	-.00054	.50047	.49731
#3	65.353	-.00066	-.00215	10.340	.00039	.49908	.49[illegible]
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

4721

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	1.8863	1.8739
SDev	.0724	.0616
%RSD	3.8372	3.2860
#1	1.8028	1.8037
#2	1.9315	1.9190
#3	1.9246	1.8989
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37594	--	--	--	--	--	--
SDev	1424.774	--	--	--	--	--	--
%RSD	3.789885	--	--	--	--	--	--
#1	39235	--	--	--	--	--	--
#2	36673	--	--	--	--	--	--
#3	36874	--	--	--	--	--	--

Analysis Report 08/16/04 09:22:14 PM

Method: EPA3 Sample Name: MP26785-S2 Operator:
Run Time: 08/16/04 21:14:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0025	.05025	.05013	.49120	.19857	.25609	1.1003
SDev	.0050	.00010	.00040	.00125	.00072	.00024	.0014
%RSD	.24819	.20658	.79146	.25344	.36233	.09354	.12805
#1	2.0083	.05018	.04982	.48978	.19793	.25594	1.0989
#2	1.9999	.05020	.05057	.49178	.19935	.25596	1.1004
#3	1.9994	.05037	.04999	.49206	.19845	.25636	1.1017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49469	.04998	.50411	6.3558	1.9638	1.9676	.49577
SDev	.00296	.00055	.00101	.0205	.0087	.0063	.00251
%RSD	.59885	1.1089	.19989	.32288	.44408	.32213	.50700
#1	.49380	.04951	.50497	6.3332	1.9540	1.9603	.49783
#2	.49228	.04984	.50300	6.3609	1.9668	1.9709	.49652
#3	.49800	.05059	.50436	6.3732	1.9707	1.9716	.49297
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9130	.49071	2.4992	66.910	3.0104	50.546	26.645
SDev	.0338	.00261	.0048	.173	.0280	.072	.031
%RSD	1.7657	.53275	.19248	.25804	.92969	.14261	.11471
#1	1.9521	.48781	2.4969	66.723	2.9910	50.505	26.674
#2	1.8935	.49143	2.4959	66.944	2.9976	50.504	26.647
#3	1.8936	.49289	2.5047	67.063	3.0424	50.629	26.613
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	64.116	.00231	-.00287	10.239	.00173	.50646	.49005
SDev	.179	.00109	.00149	.006	.00365	.01637	.00562
%RSD	.27953	47.051	51.975	.05678	211.35	3.2329	1.1465
#1	63.913	.00323	-.00436	10.239	-.00235	.52520	.48382
#2	64.252	.00111	-.00288	10.233	.00471	.49929	.49473
#3	64.181	.00261	-.00137	10.244	.00282	.49490	.49160
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	1.9490	1.8948
SDev	.0831	.0095
%RSD	4.2660	.50043
#1	2.0448	1.9054
#2	1.8963	1.8918
#3	1.9058	1.8871
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36962	--	--	--	--	--	--
SDev	192.6711	--	--	--	--	--	--
%RSD	.5212699	--	--	--	--	--	--
#1	36742	--	--	--	--	--	--
#2	37103	--	--	--	--	--	--
#3	37040	--	--	--	--	--	--

Analysis Report 08/16/04 09:29:50 PM

Method: EPA3 Sample Name: N74479-7 Operator:
Run Time: 08/16/04 21:22:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02831	.00003	.00055	.00084	.00111	.00626	.60600
SDev	.00008	.00003	.00006	.00028	.00028	.00029	.00146
%RSD	.28038	90.628	11.350	33.522	25.110	4.6860	.24115
#1	.02827	.00003	.00052	.00087	.00136	.00594	.60769
#2	.02840	.00006	.00051	.00110	.00116	.00651	.60509
#3	.02825	.00000	.00062	.00054	.00081	.00632	.60523
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00102	-.00035	.00218	5.9685	-.00218	-.00886	.00432
SDev	.00093	.00022	.00043	.0389	.00170	.00465	.00073
%RSD	90.858	64.024	19.659	.65189	78.043	52.518	16.897
#1	.00025	-.00015	.00267	6.0132	-.00396	-.00419	.00512
#2	.00206	-.00031	.00186	5.9501	-.00199	-.00890	.00369
#3	.00077	-.00058	.00202	5.9423	-.00058	L-.01349	.00416
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00195	.00512	.54878	41.398	2.0990	25.261	1.1795
SDev	.00186	.00113	.00189	.164	.0130	.013	.0083
%RSD	95.324	22.148	.34365	.39596	.62127	.05263	.70618
#1	-.00189	.00640	.54989	41.587	2.1139	25.273	1.1890
#2	-.00012	.00422	.54985	41.307	2.0935	25.247	1.1733
#3	-.00383	.00475	.54660	41.300	2.0897	25.262	1.1762
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	39.240	.00112	-.00079	10.405	.00285	.00258	.00472
SDev	.225	.00048	.00065	.010	.00273	.00251	.00128
%RSD	.57228	42.839	82.129	.09631	95.581	97.144	27.137
#1	39.368	.00065	-.00111	10.398	.00146	.00288	.00577
#2	38.981	.00161	-.00004	10.401	.00600	-.00006	.00509
#3	39.372	.00108	-.00123	10.416	.00110	.00493	.00329
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00783	.00068
SDev	.00259	.00175
%RSD	33.025	257.91
#1	-.00915	.00142
#2	-.00485	.00193
#3	-.00950	-.00132
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37488	--	--	--	--	--	--
SDev	38.57460	--	--	--	--	--	--
%RSD	.1028985	--	--	--	--	--	--
#1	37532	--	--	--	--	--	--
#2	37472	--	--	--	--	--	--
#3	37460	--	--	--	--	--	--

Method: EPA3 Sample Name: MP26785-SD1 Operator:
Run Time: 08/16/04 21:29:54
Comment:
Mode: CONC Corr. Factor: 5

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03525	-.00008	-.00057	-.00194	.00012	.00661	.60252
SDev	.00062	.00003	.00142	.00111	.00121	.00239	.00155
%RSD	1.7490	32.034	247.85	57.494	979.33	36.238	.25674
#1	.03506	-.00006	.00053	-.00083	.00144	.00639	.60140
#2	.03476	-.00007	-.00007	-.00193	-.00095	.00433	.60187
#3	.03594	-.00011	-.00217	-.00305	-.00012	.00910	.60428
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00184	-.00002	.00556	6.0238	.01770	.00000	.00029
SDev	.00331	.00126	.00376	.0100	.02368	.01421	.01584
%RSD	180.30	7999.8	67.723	.16571	133.79	435790.	5511.4
#1	.00080	.00089	.00688	6.0124	.04357	.00883	.01505
#2	-.00075	-.00145	.00847	6.0309	-.00291	L-.01638	L-.01645
#3	-.00555	.00052	.00131	6.0281	.01244	.00756	.00226
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	L-.01048	-.00197	.49321	41.312	2.0801	25.485	.24005
SDev	.01456	.01321	.00683	.124	.0424	.048	.02060
%RSD	138.91	668.95	1.3858	.30093	2.0405	.18886	8.5811
#1	L-.01973	.00898	.48765	41.171	2.0320	25.430	.23229
#2	L-.01802	.00173	.49114	41.359	2.0961	25.521	.22446
#3	.00630	L-.01664	.50084	41.407	2.1123	25.505	.26340
Errors	LC Low	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	38.098	.00063	-.00320	10.543	.00246	-.01269	.00439
SDev	.531	.00305	.00594	.019	.01062	.02201	.01312
%RSD	1.3945	481.46	186.00	.17833	432.50	173.36	299.10
#1	37.690	-.00144	.00357	10.532	.01441	.01030	.01504
#2	38.699	.00413	-.00758	10.532	-.00590	-.03356	-.01027
#3	37.906	-.00080	-.00557	10.565	-.00114	-.01482	.00841
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

1727

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.02076	-.00694
SDev	.01433	.01789
%RSD	69.042	257.84
#1	-.03713	-.01262
#2	-.01464	-.02130
#3	-.01050	.01310
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37643	--	--	--	--	--	--
SDev	140.0190	--	--	--	--	--	--
%RSD	.3719690	--	--	--	--	--	--
#1	37640	--	--	--	--	--	--
#2	37784	--	--	--	--	--	--
#3	37504	--	--	--	--	--	--

Method: EPA3 Sample Name: N74027-2 Operator:
Run Time: 08/16/04 21:37:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14839	-.00000	.00002	.00003	.00016	.03686	.14857
SDev	.00102	.00002	.00009	.00056	.00038	.00027	.00092
%RSD	.68897	311.42	373.40	2194.8	237.85	.72445	.62008
#1	.14956	-.00002	-.00000	.00030	-.00003	.03669	.14963
#2	.14771	.00001	-.00005	.00040	.00060	.03717	.14802
#3	.14789	-.00000	.00013	-.00062	-.00008	.03673	.14805
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00341	-.00008	.00063	.23048	.00323	-.00253	.00194
SDev	.00115	.00041	.00043	.00206	.00226	.00179	.00200
%RSD	33.714	515.28	68.085	.89466	69.975	70.804	103.40
#1	.00425	.00003	.00015	.23234	.00081	-.00114	.00222
#2	.00210	.00026	.00096	.23084	.00529	-.00190	.00379
#3	.00388	-.00053	.00079	.22826	.00359	-.00456	-.00019
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00146	.00428	.00395	67.263	.10725	15.665	4.1994
SDev	.00075	.00345	.00501	.454	.01471	.114	.0256
%RSD	51.191	80.736	126.88	.67549	13.719	.72974	.60856
#1	-.00155	.00536	.00949	67.784	.11414	15.795	4.2283
#2	-.00217	.00041	.00261	67.060	.11725	15.581	4.1796
#3	-.00067	.00706	-.00026	66.946	.09036	15.619	4.1904
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	181.83	.00131	.00032	9.0404	-.00146	-.00057	.00271
SDev	.62	.00084	.00110	.0604	.00388	.00508	.00394
%RSD	.34275	64.014	347.58	.66807	266.14	886.33	145.60
#1	182.54	.00093	.00023	9.1101	-.00057	.00525	.00021
#2	181.37	.00073	.00145	9.0057	.00190	-.00410	.00725
#3	181.57	.00227	-.00074	9.0053	-.00571	-.00287	.00066
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00727	.00111
SDev	.00980	.00500
%RSD	134.73	448.85
#1	.00394	-.00463
#2	-.01418	.00352
#3	-.01158	.00445
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36776	--	--	--	--	--	--
SDev	204.4631	--	--	--	--	--	--
%RSD	.5559728	--	--	--	--	--	--
#1	36549	--	--	--	--	--	--
#2	36946	--	--	--	--	--	--
#3	36833	--	--	--	--	--	--

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Method: EPA3 Sample Name: N74038-2 Operator:
Run Time: 08/16/04 21:45:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15623	-.00002	.00306	-.00014	.00216	.00646	.19243
SDev	.00130	.00004	.00034	.00017	.00025	.00022	.00249
%RSD	.83272	259.21	11.256	124.67	11.725	3.3898	1.2939
#1	.15496	-.00006	.00267	-.00029	.00188	.00640	.19006
#2	.15619	.00001	.00323	.00005	.00222	.00670	.19219
#3	.15756	.00000	.00329	-.00017	.00237	.00627	.19502
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00200	-.00018	.00151	.03217	.00060	-.00207	.00447
SDev	.00065	.00034	.00037	.00048	.00497	.00365	.00046
%RSD	32.303	188.09	24.539	1.4972	828.47	176.35	10.357
#1	.00131	-.00052	.00108	.03188	-.00216	.00198	.00449
#2	.00260	-.00018	.00171	.03190	-.00238	-.00510	.00493
#3	.00210	.00016	.00174	.03272	.00634	-.00310	.00400
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00144	.00196	.03783	87.992	11.089	5.5655	7.0285
SDev	.00220	.00093	.00110	1.078	.095	.0526	.0697
%RSD	152.92	47.482	2.9142	1.2248	.85611	.94496	.99108
#1	.00095	.00132	.03715	86.943	11.017	5.5073	6.9623
#2	-.00339	.00153	.03724	87.937	11.054	5.5797	7.0220
#3	-.00188	.00303	.03910	89.096	11.197	5.6096	7.1012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.303	.00055	-.00121	10.502	.00109	.00222	.00512
SDev	.122	.00076	.00138	.105	.00198	.00212	.00166
%RSD	1.1816	136.48	114.11	.99826	181.79	95.302	32.400
#1	10.218	.00039	-.00267	10.396	-.00090	.00371	.00440
#2	10.249	-.00011	.00007	10.505	.00111	-.00020	.00701
#3	10.443	.00138	-.00103	10.606	.00306	.00316	.00394
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00714	.00109
SDev	.00516	.00171
%RSD	72.343	156.79
#1	-.00128	.00175
#2	-.00910	-.00085
#3	-.01103	.00238
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37609	--	--	--	--	--	--
SDev	339.6486	--	--	--	--	--	--
%RSD	.9031159	--	--	--	--	--	--
#1	37945	--	--	--	--	--	--
#2	37615	--	--	--	--	--	--
#3	37266	--	--	--	--	--	--

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Method: EPA3 Sample Name: N74038-4 Operator:
Run Time: 08/16/04 21:52:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2983	.00001	.00262	.00248	.00240	.02084	.69391
SDev	.0031	.00002	.00042	.00043	.00024	.00004	.00140
%RSD	.23703	205.79	16.195	17.452	9.8476	.18576	.20186
#1	1.2963	.00004	.00306	.00298	.00267	.02088	.69231
#2	1.3018	.00000	.00259	.00218	.00230	.02080	.69491
#3	1.2967	-.00001	.00221	.00229	.00223	.02084	.69450
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00354	-.00004	.00371	.01890	.00225	L-.01258	.02251
SDev	.00143	.00015	.00031	.00030	.00616	.00756	.00116
%RSD	40.297	380.70	8.4181	1.5812	273.74	60.073	5.1477
#1	.00343	.00013	.00338	.01856	.00614	L-.02129	.02160
#2	.00217	-.00015	.00400	.01913	.00546	-.00878	.02382
#3	.00501	-.00010	.00374	.01902	-.00485	-.00768	.02212
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00077	.00178	.03340	212.31	82.310	26.027	26.724
SDev	.00205	.00093	.00391	.51	.166	.054	.122
%RSD	267.43	52.498	11.713	.24189	.20157	.20609	.45499
#1	.00036	.00123	.03770	211.76	82.124	25.966	26.682
#2	.00047	.00285	.03248	212.77	82.443	26.066	26.861
#3	-.00313	.00125	.03004	212.39	82.364	26.049	26.629
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	202.84	.00155	.00029	25.884	.00618	.02356	.02150
SDev	.79	.00093	.00042	.053	.00235	.00063	.00160
%RSD	.38935	60.247	143.52	.20472	38.139	2.6638	7.4274
#1	202.34	.00235	.00077	25.831	.00868	.02285	.02049
#2	203.75	.00052	.00011	25.937	.00584	.02379	.02334
#3	202.44	.00178	-.00001	25.883	.00401	.02403	.02017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00671	.00188
SDev	.00228	.00414
%RSD	34.026	220.81
#1	-.00882	.00463
#2	-.00703	.00389
#3	-.00429	-.00289
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36307	--	--	--	--	--	--
SDev	53.67298	--	--	--	--	--	--
%RSD	.1478290	--	--	--	--	--	--
#1	36335	--	--	--	--	--	--
#2	36342	--	--	--	--	--	--
#3	36246	--	--	--	--	--	--

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Method: EPA3 Sample Name: CCV Operator:
Run Time: 08/16/04 22:00:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0146	2.0680	2.0181	2.0254	2.0364	2.0111	2.0279
SDev	.0051	.0086	.0098	.0085	.0078	.0066	.0087
%RSD	.25167	.41585	.48752	.42114	.38153	.32901	.42747
#1	2.0204	2.0777	2.0294	2.0345	2.0448	2.0179	2.0374
#2	2.0125	2.0651	2.0117	2.0241	2.0347	2.0108	2.0259
#3	2.0109	2.0612	2.0132	2.0176	2.0296	2.0046	2.0204
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0261	.25722	2.0397	2.0133	2.0301	2.0144	2.0250
SDev	.0096	.00149	.0065	.0087	.0070	.0087	.0066
%RSD	.47200	.58071	.31903	.43424	.34431	.43075	.32829
#1	2.0364	.25894	2.0471	2.0234	2.0357	2.0227	2.0276
#2	2.0244	.25641	2.0367	2.0084	2.0323	2.0054	2.0300
#3	2.0175	.25631	2.0351	2.0082	2.0222	2.0151	2.0175
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	.25000	2.0000	2.0000	2.0000	2.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0696	2.0282	40.550	40.581	41.292	41.210	40.620
SDev	.0110	.0050	.164	.156	.202	.160	.134
%RSD	.53110	.24480	.40429	.38555	.49021	.38820	.32985
#1	2.0750	2.0338	40.739	40.759	41.519	41.380	40.742
#2	2.0769	2.0263	40.446	40.520	41.230	41.188	40.477
#3	2.0570	2.0244	40.464	40.465	41.128	41.062	40.641
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	2.0000	40.000	40.000	40.000	40.000	40.000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	40.933	2.0340	1.9924	5.2126	2.0446	2.0272	2.0235
SDev	.036	.0055	.0075	.0144	.0105	.0061	.0121
%RSD	.08891	.26819	.37559	.27645	.51432	.29993	.59663
#1	40.973	2.0372	1.9997	5.2293	2.0567	2.0205	2.0307
#2	40.921	2.0370	1.9928	5.2047	2.0399	2.0287	2.0301
#3	40.904	2.0277	1.9847	5.2040	2.0373	2.0324	2.0197
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

Value	40.000	2.0000	2.0000	5.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	2.0664	2.0709
SDev	.0030	.0155
%RSD	.14552	.74688
#1	2.0652	2.0796
#2	2.0698	2.0802
#3	2.0642	2.0531
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37027	--	--	--	--	--	--
SDev	134.8055	--	--	--	--	--	--
%RSD	.3640768	--	--	--	--	--	--
#1	36987	--	--	--	--	--	--
#2	36916	--	--	--	--	--	--
#3	37177	--	--	--	--	--	--

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Method: EPA3 Sample Name: CCB Operator:
Run Time: 08/16/04 22:07:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00053	Q.00072	.00055	.00059	.00062	.00128	.00087
SDev	.00036	.00041	.00017	.00076	.00065	.00076	.00046
%RSD	68.478	56.729	30.404	128.28	104.51	58.956	52.467
#1	.00033	.00038	.00050	.00097	.00060	.00161	.00049
#2	.00094	Q.00118	.00074	.00108	.00128	.00182	.00138
#3	.00030	Q.00061	.00042	-.00028	-.00002	.00042	.00076
Errors	QC Pass	QC Fail	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.02000	.00050	.00090	.00500	.00240	.00270	.00150

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00070	.00047	.00130	-.00013	.00184	-.00347	-.00142
SDev	.00112	.00010	.00024	.00078	.00162	.00372	.00096
%RSD	159.49	21.477	18.352	578.89	87.851	107.19	67.685
#1	-.00118	.00036	.00125	-.00040	.00225	-.00764	-.00174
#2	.00058	.00051	.00109	.00074	.00322	-.00225	-.00219
#3	-.00151	.00055	.00156	-.00075	.00006	-.00052	-.00034
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.00400	.00210	.00500	.00270	.00500	.01000	.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00032	-.00010	-.00895	.00597	.01967	.01717	-.19179
SDev	.00345	.00151	.00723	.00861	.00905	.01265	.01465
%RSD	1087.1	1493.1	80.732	144.27	46.037	73.666	7.6408
#1	.00253	.00106	-.01365	.00183	.02796	.00720	-.18914
#2	.00067	.00044	-.00063	.01587	.02104	.03140	-.17864
#3	-.00416	-.00181	-.01258	.00021	.01001	.01291	-.20759
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.00500	.00500	.02970	.50000	.05520	.50000	.50000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.27791	Q.00325	.00069	-.00481	.00233	-.00092	-.00216
SDev	.05535	.00180	.00076	.00198	.00294	.00180	.00198
%RSD	19.915	55.325	109.17	41.229	126.46	196.62	91.394
#1	-.26148	Q.00513	.00036	-.00392	.00433	.00115	-.00367
#2	-.33961	Q.00306	.00156	-.00343	.00370	-.00176	-.00289
#3	-.23265	.00155	.00016	-.00709	-.00105	-.00214	.00007
Errors	QC Pass	QC Fail	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

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Value	.00000	.00000	.00000	.00000	.00000
Range	.50940	.00300	.08100	.02300	.00690

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.00220	-.00190
SDev	.00433	.00380
%RSD	196.72	199.75
#1	.00719	-.00012
#2	.00001	.00068
#3	-.00059	-.00626
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37035	--	--	--	--	--	--
SDev	189.1534	--	--	--	--	--	--
%RSD	.5107470	--	--	--	--	--	--
#1	36935	--	--	--	--	--	--
#2	36916	--	--	--	--	--	--
#3	37253	--	--	--	--	--	--

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Method: EPA3 Sample Name: N74038-10 Operator:
Run Time: 08/16/04 22:15:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19812	.00015	.00089	.00073	.00116	.01055	1.2583
SDev	.00103	.00006	.00015	.00054	.00017	.00086	.0064
%RSD	.52254	38.952	16.461	73.647	14.330	8.1107	.50942
#1	.19878	.00022	.00075	.00135	.00108	.01110	1.2616
#2	.19693	.00015	.00087	.00042	.00105	.01099	1.2509
#3	.19866	.00010	.00104	.00042	.00135	.00956	1.2623
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00108	.00015	.00300	.00972	.00374	-.00862	.00300
SDev	.00161	.00022	.00060	.00186	.00487	.00354	.00200
%RSD	149.12	141.91	20.044	19.181	130.27	41.103	66.494
#1	.00240	.00019	.00367	.01186	.00840	-.00787	.00531
#2	-.00071	-.00008	.00282	.00844	.00415	L-.01248	.00180
#3	.00154	.00035	.00250	.00886	-.00132	-.00551	.00190
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00002	.00557	.03525	133.30	12.048	16.563	18.033
SDev	.00633	.00246	.00455	.70	.050	.071	.108
%RSD	36040.	44.077	12.906	.52380	.41140	.42949	.59713
#1	-.00355	.00433	.04050	133.60	12.091	16.603	18.095
#2	-.00373	.00398	.03278	132.50	11.994	16.480	17.909
#3	.00733	.00840	.03247	133.80	12.058	16.604	18.095
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	352.81	.00167	-.00010	18.675	.00013	.00386	.00208
SDev	1.37	.00057	.00110	.087	.00168	.00202	.00198
%RSD	.38813	33.866	1155.0	.46710	1257.7	52.413	95.340
#1	353.04	.00103	.00088	18.738	.00033	.00619	.00437
#2	351.34	.00187	-.00129	18.575	-.00164	.00252	.00096
#3	354.05	.00211	.00012	18.711	.00171	.00288	.00091
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00347	.00143
SDev	.00484	.00811
%RSD	139.60	566.73
#1	-.00893	-.00118
#2	-.00174	-.00505
#3	.00028	.01053
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36516	--	--	--	--	--	--
SDev	229.1666	--	--	--	--	--	--
%RSD	.6275740	--	--	--	--	--	--
#1	36302	--	--	--	--	--	--
#2	36758	--	--	--	--	--	--
#3	36490	--	--	--	--	--	--

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Method: EPA3 Sample Name: N74038-15 Operator:
Run Time: 08/16/04 22:23:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.93553	.00004	.00527	.00297	.00274	.03167	1.4284
SDev	.00660	.00003	.00023	.00055	.00036	.00017	.0105
%RSD	.70537	78.289	4.4335	18.346	13.301	.53850	.73606
#1	.94135	.00007	.00552	.00239	.00306	.03181	1.4350
#2	.92836	.00001	.00505	.00347	.00234	.03148	1.4163
#3	.93687	.00005	.00525	.00306	.00282	.03171	1.4339
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00417	.00027	.00422	.10449	.03880	-.00963	.09812
SDev	.00075	.00031	.00014	.00070	.00389	.00368	.00133
%RSD	18.049	113.80	3.2803	.67181	10.028	38.181	1.3593
#1	.00502	-.00003	.00429	.10436	.04171	-.00639	.09659
#2	.00387	.00058	.00430	.10387	.04030	-.00886	.09900
#3	.00361	.00026	.00406	.10525	.03438	L-.01362	.09879
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00073	.00601	.12958	114.27	46.812	9.4872	24.469
SDev	.00167	.00530	.00080	.86	.343	.0751	.131
%RSD	227.05	88.189	.61363	.74958	.73186	.79146	.53591
#1	-.00091	.00879	.13050	114.70	47.037	9.5411	24.537
#2	.00068	-.00010	.12913	113.29	46.417	9.4015	24.318
#3	.00242	.00935	.12912	114.83	46.980	9.5191	24.553
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	30.134	.00779	.00009	14.324	.00601	.09684	.09836
SDev	.113	.00044	.00179	.103	.00201	.00217	.00189
%RSD	.37604	5.6112	2004.0	.71753	33.535	2.2395	1.9247
#1	30.225	.00819	-.00198	14.392	.00701	.09611	.09642
#2	30.007	.00732	.00102	14.206	.00369	.09928	.09845
#3	30.171	.00786	.00123	14.375	.00733	.09514	.10020
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00514	.00335
SDev	.00240	.00152
%RSD	46.744	45.319
#1	-.00791	.00226
#2	-.00398	.00269
#3	-.00354	.00508
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36790	--	--	--	--	--	--
SDev	340.2637	--	--	--	--	--	--
%RSD	.9248843	--	--	--	--	--	--
#1	36458	--	--	--	--	--	--
#2	37138	--	--	--	--	--	--
#3	36774	--	--	--	--	--	--

Analysis Report 08/16/04 10:38:20 PM

Method: EPA3 Sample Name: N74038-17 Operator:
Run Time: 08/16/04 22:30:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05897	.00000	.00078	.00000	.00141	.02597	.11088
SDev	.00075	.00003	.00016	.00100	.00017	.00023	.00130
%RSD	1.2742	1262.8	20.763	49166.	12.422	.90689	1.1717
#1	.05819	.00002	.00067	-.00027	.00151	.02614	.10949
#2	.05969	-.00003	.00071	.00111	.00152	.02606	.11206
#3	.05902	.00002	.00097	-.00084	.00121	.02570	.11110
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00178	.00004	.00313	.01768	.00656	-.00805	.00704
SDev	.00151	.00019	.00148	.00017	.00161	.00541	.00193
%RSD	85.050	466.03	47.222	.97629	24.569	67.226	27.365
#1	.00316	.00015	.00147	.01758	.00799	L-.01243	.00785
#2	.00200	.00014	.00430	.01788	.00689	-.00200	.00844
#3	.00017	-.00018	.00360	.01758	.00481	-.00974	.00484
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00178	.00490	.12126	21.743	.60514	1.3733	2.2323
SDev	.00128	.00128	.00323	.292	.00879	.0174	.0383
%RSD	71.862	26.211	2.6645	1.3438	1.4518	1.2657	1.7164
#1	-.00044	.00604	.11857	21.428	.60505	1.3567	2.1908
#2	-.00191	.00514	.12484	22.005	.61397	1.3913	2.2663
#3	-.00299	.00351	.12035	21.796	.59640	1.3720	2.2398
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	22.177	.00182	-.00005	6.0889	-.00158	-.00652	.01334
SDev	.179	.00146	.00108	.0752	.00540	.01209	.00759
%RSD	.80898	80.603	2183.2	1.2356	341.68	185.38	56.926
#1	21.979	.00013	.00069	6.0043	-.00772	-.02048	.02153
#2	22.222	.00280	.00045	6.1483	.00244	.00045	.01193
#3	22.330	.00251	-.00129	6.1142	.00054	.00046	.00655
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

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High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.01251	.00326
SDev	.01286	.00825
%RSD	102.75	252.92
#1	-.02732	.01267
#2	-.00601	-.00019
#3	-.00420	-.00270
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36760	--	--	--	--	--	--
SDev	323.8310	--	--	--	--	--	--
%RSD	.8809267	--	--	--	--	--	--
#1	37077	--	--	--	--	--	--
#2	36430	--	--	--	--	--	--
#3	36774	--	--	--	--	--	--

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Method: EPA3 Sample Name: N74038-18 Operator:
Run Time: 08/16/04 22:38:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13892	.00004	.04889	.00241	.01067	.22243	.31056
SDev	.00029	.00002	.00024	.00037	.00007	.00029	.00090
%RSD	.21096	44.303	.48287	15.288	.62050	.13034	.29026
#1	.13892	.00004	.04912	.00256	.01068	.22235	.31009
#2	.13862	.00002	.04891	.00199	.01060	.22219	.30999
#3	.13921	.00006	.04865	.00267	.01073	.22275	.31160
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00848	.00029	.00782	.11499	.00228	-.00614	.09888
SDev	.00137	.00027	.00026	.00037	.00411	.00230	.00123
%RSD	16.195	93.210	3.3165	.31845	180.08	37.529	1.2471
#1	.00760	.00037	.00787	.11461	.00325	-.00353	.09766
#2	.00778	-.00001	.00753	.11501	.00582	-.00791	.09887
#3	.01006	.00050	.00804	.11535	-.00223	-.00697	.10012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00134	-.00032	1.5373	64.011	4.9123	6.6943	4.6701
SDev	.00111	.00320	.0014	.165	.0174	.0095	.0114
%RSD	82.786	990.16	.09215	.25815	.35320	.14176	.24331
#1	-.00259	-.00397	1.5383	63.862	4.9003	6.6860	4.6585
#2	-.00047	.00104	1.5357	63.983	4.9044	6.6923	4.6707
#3	-.00095	.00197	1.5379	64.189	4.9322	6.7046	4.6812
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.178	.00853	-.00082	10.823	.01281	.09820	.09876
SDev	.076	.00100	.00090	.015	.00202	.00095	.00230
%RSD	.74483	11.757	109.67	.13534	15.757	.97030	2.3246
#1	10.158	.00857	-.00184	10.816	.01152	.09864	.09668
#2	10.114	.00952	-.00041	10.814	.01177	.09886	.09838
#3	10.262	.00751	-.00020	10.840	.01513	.09711	.101[illegible]
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

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High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00580	.00056
SDev	.00437	.00068
%RSD	75.341	121.05
#1	-.01084	.00121
#2	-.00334	.00063
#3	-.00322	-.00015
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36739	--	--	--	--	--	--
SDev	54.83120	--	--	--	--	--	--
%RSD	.1492433	--	--	--	--	--	--
#1	36679	--	--	--	--	--	--
#2	36786	--	--	--	--	--	--
#3	36753	--	--	--	--	--	--

Analysis Report 08/16/04 10:53:31 PM

Method: EPA3 Sample Name: N74038-19 Operator:
Run Time: 08/16/04 22:45:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20533	-.00003	.00275	-.00001	.00117	.00416	.21565
SDev	.00277	.00003	.00023	.00011	.00026	.00026	.00264
%RSD	1.3487	91.840	8.2506	801.05	22.471	6.1952	1.2238
#1	.20457	-.00001	.00268	-.00001	.00120	.00399	.21474
#2	.20840	-.00006	.00300	-.00013	.00089	.00446	.21862
#3	.20302	-.00002	.00256	.00010	.00142	.00403	.21358
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00054	-.00001	.00117	.02124	.00655	-.00654	.01032
SDev	.00104	.00008	.00051	.00048	.00297	.00804	.00081
%RSD	193.52	633.23	43.079	2.2636	45.328	122.83	7.9002
#1	-.00057	.00007	.00160	.02116	.00312	.00265	.01005
#2	.00069	-.00002	.00130	.02176	.00825	L-.01227	.01123
#3	.00150	-.00009	.00062	.02081	.00828	L-.01001	.00967
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00014	.00161	.03028	36.047	7.5252	3.4165	6.4984
SDev	.00250	.00317	.00468	.462	.0886	.0429	.0834
%RSD	1799.6	196.87	15.444	1.2820	1.1770	1.2545	1.2840
#1	.00295	-.00198	.03391	35.878	7.4957	3.4012	6.4593
#2	-.00069	.00278	.03193	36.570	7.6248	3.4649	6.5942
#3	-.00184	.00402	.02500	35.693	7.4551	3.3834	6.4417
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	79.089	.00151	.00029	10.331	.00239	.00921	.01037
SDev	.921	.00047	.00101	.144	.00072	.00255	.00159
%RSD	1.1641	31.445	349.18	1.3928	30.043	27.655	15.350
#1	78.483	.00168	-.00022	10.286	.00217	.01183	.00866
#2	80.148	.00097	-.00036	10.492	.00319	.00908	.01181
#3	78.635	.00187	.00145	10.216	.00180	.00674	.01045
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00467	.00223
SDev	.00275	.00271
%RSD	58.970	121.87
#1	-.00168	.00494
#2	-.00710	.00222
#3	-.00522	-.00048
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36317	--	--	--	--	--	--
SDev	378.8448	--	--	--	--	--	--
%RSD	1.043151	--	--	--	--	--	--
#1	36324	--	--	--	--	--	--
#2	35935	--	--	--	--	--	--
#3	36693	--	--	--	--	--	--

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Method: EPA3 Sample Name: MP26767-MB1CONF Operator:
Run Time: 08/16/04 22:53:35
Comment: 2
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00019	-.00002	-.00021	-.00055	-.00007	.00078	.00011
SDev	.00020	.00000	.00046	.00075	.00038	.00035	.00010
%RSD	102.23	8.0682	216.03	136.63	525.90	44.757	85.267
#1	.00015	-.00002	.00031	.00018	.00001	.00084	.00011
#2	.00002	-.00002	-.00056	-.00132	.00026	.00110	.00021
#3	.00041	-.00002	-.00040	-.00051	-.00048	.00041	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.00400	.00400	.05000	.01000	.02500	.01500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00064	.00011	.00049	-.00047	-.00300	-.00471	-.00181
SDev	.00135	.00037	.00025	.00022	.00224	.00856	.00129
%RSD	211.80	350.21	52.165	48.130	74.755	181.52	71.412
#1	.00187	-.00001	.00043	-.00037	-.00243	L-.01188	-.00032
#2	-.00080	.00052	.00076	-.00031	L-.00548	-.00702	-.00246
#3	.00085	-.00019	.00027	-.00072	-.00110	.00476	-.00264
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.04000	.01000	.05000	.02000	.00500	.01000	.00300
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00074	.00025	-.02273	.05683	-.00533	-.00110	-.20353
SDev	.00057	.00083	.00409	.00137	.00542	.00080	.00915
%RSD	77.054	336.78	17.978	2.4068	101.80	72.105	4.4962
#1	-.00139	-.00002	-.02312	.05841	-.01132	-.00156	-.19772
#2	-.00053	-.00042	-.01846	.05604	-.00389	-.00157	-.19879
#3	-.00031	.00118	-.02661	.05604	-.00076	-.00018	-.21408
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00500	.00500	.20000	5.0000	.10000	5.0000	5.0000
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07810	.00048	-.00036	.02221	.00464	-.00226	-.00207
SDev	.08857	.00036	.00120	.00119	.00092	.00126	.00169
%RSD	113.40	74.522	335.88	5.3774	19.747	55.769	81.729
#1	.12806	.00049	-.00077	.02279	.00373	-.00136	-.00026
#2	.13042	.00012	.00100	.02301	.00556	-.00369	-.00234
#3	-.02416	.00083	-.00130	.02084	.00462	-.00172	-.00360
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	5.0000	.00500	.05000	.20000	.01000
Low	-5.0000	-.01000	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00573	.00143
SDev	.00098	.00071
%RSD	17.067	49.634
#1	-.00654	.00086
#2	-.00464	.00120
#3	-.00602	.00222
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36467	--	--	--	--	--	--
SDev	156.5843	--	--	--	--	--	--
%RSD	.4293840	--	--	--	--	--	--
#1	36362	--	--	--	--	--	--
#2	36392	--	--	--	--	--	--
#3	36647	--	--	--	--	--	--

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Method: EPA3 Sample Name: MP26767-LC1 Operator:
Run Time: 08/16/04 23:01:11
Comment: 2
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50913	.51269	.50838	.51481	.50753	.51286	.51401
SDev	.00810	.00856	.00888	.00919	.00953	.00911	.00915
%RSD	1.5916	1.6700	1.7461	1.7854	1.8778	1.7761	1.7808
#1	.49977	.50281	.49842	.50428	.49654	.50242	.50344
#2	.51407	.51787	.51128	.52123	.51364	.51917	.51966
#3	.51354	.51740	.51545	.51893	.51239	.51700	.51892
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.60000	.60000	.60000	.60000	.60000	.60000	.60000
Low	.40000	.40000	.40000	.40000	.40000	.40000	.40000

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51180	.20425	.50547	.50992	.50267	.50222	.51342
SDev	.01119	.00339	.00848	.00990	.01062	.00226	.01252
%RSD	2.1855	1.6592	1.6782	1.9420	2.1136	.44908	2.4386
#1	.49889	.20037	.49624	.49849	.49104	.50039	.49984
#2	.51820	.20663	.50724	.51573	.51186	.50474	.52451
#3	.51833	.20575	.51293	.51554	.50510	.50154	.51589
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.60000	.24000	.60000	.60000	.60000	.60000	.60000
Low	.40000	.16000	.40000	.40000	.40000	.40000	.40000

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49968	.50830	4.9084	5.5923	5.4037	5.6538	5.1015
SDev	.00935	.00890	.0907	.1004	.1125	.0967	.1028
%RSD	1.8703	1.7513	1.8486	1.7956	2.0822	1.7104	2.0151
#1	.49138	.49851	4.8037	5.4763	5.2740	5.5428	4.9828
#2	.50980	.51049	4.9644	5.6504	5.4743	5.6983	5.1606
#3	.49787	.51591	4.9572	5.6501	5.4630	5.7202	5.1611
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.60000	.60000	6.0000	6.6000	6.6000	6.6000	6.0000
Low	.40000	.40000	4.0000	4.4000	4.4000	4.4000	4.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.3393	.51716	L-.00187	H.39915	H.00111	.51181	.51378
SDev	.0501	.00977	.00018	.00790	.00128	.01168	.01316
%RSD	.93901	1.8900	9.7344	1.9786	114.95	2.2821	2.5613
#1	5.3962	.50587	L-.00208	H.39004	H.00199	.49836	.50026
#2	5.3019	.52255	L-.00172	H.40351	H.00170	.51945	.52655
#3	5.3197	.52304	L-.00183	H.40391	L-.00035	.51761	.5145[illegible]
Errors	LC Pass	LC Pass	LC Low	LC High	LC High	NOCHECK	NOCHECK

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High	6.0000	.60000	.00000	.00000	.00000
Low	4.0000	.40000	.00000	.00000	.00000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.49448	.50197
SDev	.00642	.01229
%RSD	1.2992	2.4475
#1	.48724	.49317
#2	.49674	.51600
#3	.49948	.49673
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36052	--	--	--	--	--	--
SDev	452.8030	--	--	--	--	--	--
%RSD	1.255972	--	--	--	--	--	--
#1	36574	--	--	--	--	--	--
#2	35772	--	--	--	--	--	--
#3	35810	--	--	--	--	--	--

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Method: EPA3 Sample Name: MP26767-S1 Operator:
Run Time: 08/16/04 23:08:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9872	.05098	.05051	.50057	.20051	.26539	.51401
SDev	.0123	.00026	.00030	.00301	.00089	.00138	.00160
%RSD	.61839	.51216	.58713	.60223	.44412	.51996	.31183
#1	1.9831	.05124	.05040	.50369	.20118	.26447	.51531
#2	1.9774	.05097	.05084	.50035	.20084	.26472	.51449
#3	2.0010	.05072	.05028	.49767	.19950	.26697	.51222
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50471	.05095	.49657	.50913	1.9748	1.9717	.51163
SDev	.00299	.00014	.00378	.00543	.0112	.0109	.00249
%RSD	.59223	.27763	.76027	1.0658	.56882	.55293	.48687
#1	.50727	.05096	.50006	.51317	1.9866	1.9782	.50975
#2	.50143	.05081	.49707	.51126	1.9642	1.9777	.51069
#3	.50542	.05109	.49256	.50296	1.9737	1.9591	.51446
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9730	.50217	2.0031	38.311	1.0348	29.364	27.104
SDev	.0302	.00225	.0130	.234	.0175	.074	.264
%RSD	1.5315	.44892	.65048	.61122	1.6924	.25202	.97304
#1	1.9541	.50272	1.9961	38.514	1.0467	29.449	27.064
#2	1.9571	.49969	1.9952	38.364	1.0429	29.327	26.862
#3	2.0079	.50409	2.0182	38.055	1.0147	29.316	27.385
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	37.077	.00145	-.00190	20.079	.00214	.50556	.51427
SDev	.242	.00086	.00183	.046	.00358	.00516	.00618
%RSD	.65227	59.693	96.594	.23074	166.83	1.0211	1.2021
#1	37.090	.00155	.00013	20.100	.00292	.51060	.50897
#2	36.829	.00225	-.00238	20.025	.00527	.50581	.51277
#3	37.312	.00054	-.00344	20.111	-.00176	.50028	.52106
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	1.9559	1.9812
SDev	.0067	.0485
%RSD	.34502	2.4474
#1	1.9622	1.9497
#2	1.9567	1.9569
#3	1.9488	2.0371
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36585	--	--	--	--	--	--
SDev	263.4245	--	--	--	--	--	--
%RSD	.7200327	--	--	--	--	--	--
#1	36664	--	--	--	--	--	--
#2	36800	--	--	--	--	--	--
#3	36291	--	--	--	--	--	--

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Method: EPA3 Sample Name: MP26767-S2 Operator:
Run Time: 08/16/04 23:16:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9867	.05049	.05007	.49740	.19831	.26358	.51032
SDev	.0046	.00011	.00021	.00053	.00061	.00070	.00035
%RSD	.23013	.21009	.42513	.10720	.31030	.26447	.06889
#1	1.9820	.05061	.04998	.49756	.19806	.26301	.51008
#2	1.9911	.05041	.04991	.49680	.19785	.26338	.51016
#3	1.9870	.05044	.05031	.49783	.19901	.26436	.51072
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50076	.05118	.49347	.50362	1.9519	1.9698	.50709
SDev	.00170	.00033	.00184	.00078	.0044	.0090	.00546
%RSD	.33878	.64698	.37240	.15432	.22343	.45773	1.0771
#1	.50091	.05100	.49138	.50361	1.9563	1.9641	.51232
#2	.49899	.05098	.49482	.50285	1.9518	1.9650	.50143
#3	.50238	.05156	.49422	.50440	1.9476	1.9802	.50753
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9492	.49977	1.9904	37.807	1.0197	28.954	26.811
SDev	.0123	.00155	.0021	.020	.0163	.007	.068
%RSD	.63160	.30957	.10548	.05250	1.5997	.02436	.25460
#1	1.9612	.49976	1.9882	37.789	1.0379	28.954	26.769
#2	1.9366	.49823	1.9924	37.805	1.0147	28.947	26.889
#3	1.9499	.50133	1.9906	37.828	1.0064	28.961	26.774
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	36.753	.00062	-.00177	19.906	.00261	.50261	.50892
SDev	.126	.00025	.00106	.008	.00490	.00259	.00683
%RSD	.34359	40.052	60.126	.04111	187.90	.51427	1.3413
#1	36.776	.00074	-.00256	19.897	.00127	.50538	.51530
#2	36.617	.00078	-.00219	19.912	.00803	.50027	.50172
#3	36.866	.00033	-.00056	19.910	-.00149	.50216	.50973
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	1.9459	1.9506
SDev	.0083	.0145
%RSD	.42501	.74125
#1	1.9526	1.9651
#2	1.9367	1.9362
#3	1.9484	1.9503
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36342	--	--	--	--	--	--
SDev	171.7226	--	--	--	--	--	--
%RSD	.4725165	--	--	--	--	--	--
#1	36232	--	--	--	--	--	--
#2	36540	--	--	--	--	--	--
#3	36254	--	--	--	--	--	--

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Method: EPA3 Sample Name: N74646-2 Operator:
Run Time: 08/16/04 23:23:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00194	.00001	-.00013	-.00012	.00042	.01265	.00833
SDev	.00014	.00001	.00025	.00013	.00018	.00033	.00004
%RSD	7.3994	73.414	194.66	107.39	43.747	2.5775	.45587
#1	.00208	.00001	.00015	-.00005	.00022	.01286	.00837
#2	.00195	.00001	-.00031	-.00028	.00058	.01281	.00834
#3	.00179	.00000	-.00023	-.00005	.00046	.01227	.00829
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00254	-.00007	.00112	.00860	-.00151	-.00125	.00847
SDev	.00072	.00018	.00016	.00035	.00053	.00280	.00147
%RSD	28.322	256.67	14.699	4.0570	35.281	222.94	17.308
#1	.00285	-.00020	.00096	.00820	-.00186	-.00371	.00684
#2	.00304	.00014	.00128	.00886	-.00179	-.00184	.00969
#3	.00172	-.00015	.00112	.00875	-.00090	.00179	.00889
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00047	.00220	-.01169	12.334	.05581	3.5627	.52691
SDev	.00095	.00163	.00320	.009	.00418	.0047	.00291
%RSD	203.10	73.980	27.373	.07195	7.4828	.13226	.55206
#1	-.00046	.00055	-.01413	12.325	.05832	3.5576	.52659
#2	.00048	.00225	-.01287	12.343	.05812	3.5668	.52997
#3	-.00142	.00381	-.00807	12.335	.05099	3.5639	.52418
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.200	.00103	-.00074	20.589	.00162	.00672	.00885
SDev	.092	.00071	.00033	.022	.00233	.00219	.00203
%RSD	.82366	68.947	45.229	.10455	143.57	32.593	22.894
#1	11.293	.00103	-.00045	20.564	.00428	.00637	.00658
#2	11.200	.00032	-.00110	20.596	-.00003	.00906	.00951
#3	11.109	.00174	-.00066	20.605	.00061	.00472	.01047
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

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High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00428	.00111
SDev	.00776	.00350
%RSD	181.56	316.38
#1	.00380	-.00292
#2	-.00495	.00287
#3	-.01168	.00337
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36340	--	--	--	--	--	--
SDev	71.68341	--	--	--	--	--	--
%RSD	.1972576	--	--	--	--	--	--
#1	36258	--	--	--	--	--	--
#2	36388	--	--	--	--	--	--
#3	36374	--	--	--	--	--	--

Method: EPA3 Sample Name: CCV Operator:
Run Time: 08/16/04 23:31:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0242	2.0620	2.0093	2.0260	2.0329	2.0211	2.0286
SDev	.0201	.0179	.0156	.0162	.0176	.0181	.0172
%RSD	.99455	.86597	.77863	.79959	.86584	.89725	.84748
#1	2.0095	2.0490	1.9969	2.0143	2.0200	2.0078	2.0166
#2	2.0471	2.0824	2.0269	2.0445	2.0530	2.0418	2.0483
#3	2.0158	2.0547	2.0042	2.0191	2.0258	2.0136	2.0209
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0177	.25874	2.0321	1.9939	2.0281	2.0095	2.0271
SDev	.0209	.00210	.0193	.0168	.0190	.0224	.0149
%RSD	1.0356	.81014	.94759	.84343	.93482	1.1131	.73573
#1	2.0045	.25694	2.0207	1.9817	2.0211	1.9848	2.0105
#2	2.0418	.26104	2.0543	2.0131	2.0496	2.0283	2.0393
#3	2.0068	.25824	2.0213	1.9870	2.0137	2.0155	2.0315
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	.25000	2.0000	2.0000	2.0000	2.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0620	2.0355	40.792	40.484	41.152	41.169	41.035
SDev	.0144	.0197	.387	.366	.377	.333	.396
%RSD	.69929	.97003	.94840	.90290	.91497	.80943	.96517
#1	2.0457	2.0181	40.523	40.221	40.910	40.930	40.736
#2	2.0732	2.0569	41.236	40.901	41.585	41.550	41.485
#3	2.0672	2.0315	40.618	40.329	40.960	41.028	40.886
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	2.0000	40.000	40.000	40.000	40.000	40.000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	41.576	2.0309	2.0018	5.2270	2.0338	2.0332	2.0236
SDev	.308	.0175	.0166	.0503	.0132	.0056	.0196
%RSD	.73980	.86049	.83019	.96293	.65030	.27594	.96630
#1	41.370	2.0199	1.9895	5.1942	2.0221	2.0269	2.0019
#2	41.930	2.0511	2.0207	Q5.2850	2.0482	2.0375	2.0398
#3	41.428	2.0218	1.9951	5.2019	2.0312	2.0353	2.0292
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

Value	40.000	2.0000	2.0000	5.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	2.0565	2.0644
SDev	.0102	.0168
%RSD	.49778	.81578
#1	2.0463	2.0451
#2	2.0668	2.0760
#3	2.0565	2.0722
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36093	--	--	--	--	--	--
SDev	190.3682	--	--	--	--	--	--
%RSD	.5274448	--	--	--	--	--	--
#1	36292	--	--	--	--	--	--
#2	35913	--	--	--	--	--	--
#3	36073	--	--	--	--	--	--

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Method: EPA3 Sample Name: CCB Operator:
Run Time: 08/16/04 23:39:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00005	Q.00055	.00035	.00074	.00036	.00113	.00058
SDev	.00013	.00018	.00027	.00020	.00055	.00032	.00017
%RSD	256.89	32.659	78.241	27.130	154.64	28.555	29.208
#1	-.00011	.00042	.00005	.00051	-.00021	.00076	.00043
#2	-.00015	.00048	.00040	.00086	.00089	.00134	.00054
#3	.00010	Q.00076	.00059	.00085	.00039	.00128	.00076
Errors	QC Pass	QC Fail	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.02000	.00050	.00090	.00500	.00240	.00270	.00150

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00106	.00043	.00130	-.00021	-.00244	.00328	-.00029
SDev	.00144	.00032	.00024	.00023	.00431	.00408	.00039
%RSD	136.39	73.429	18.697	112.66	176.73	124.46	136.48
#1	.00192	.00018	.00157	-.00046	Q-.00730	.00507	-.00015
#2	.00187	.00079	.00109	-.00015	.00090	.00616	-.00074
#3	-.00061	.00033	.00125	-.00000	-.00091	-.00139	.00001
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.00400	.00210	.00500	.00270	.00500	.01000	.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00108	.00075	-.01542	-.00961	.01643	.01479	-.15693
SDev	.00027	.00164	.00423	.00333	.01110	.00285	.01105
%RSD	24.965	218.70	27.404	34.626	67.553	19.272	7.0438
#1	-.00077	.00203	-.02023	-.01188	.01819	.01518	-.16647
#2	-.00124	.00133	-.01376	-.01116	.00455	.01177	-.14482
#3	-.00124	-.00110	-.01228	-.00579	.02653	.01743	-.15950
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.00500	.00500	.02970	.50000	.05520	.50000	.50000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.25142	.00244	.00127	-.00485	.00388	.00013	-.00104
SDev	.11657	.00045	.00074	.00190	.00015	.00298	.00206
%RSD	46.367	18.516	58.337	39.094	3.9356	2241.4	197.77
#1	-.30881	.00192	.00069	-.00429	.00379	-.00011	-.00081
#2	-.32817	.00274	.00101	-.00330	.00380	.00323	-.00321
#3	-.11727	.00266	.00210	-.00697	.00406	-.00272	.00080
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

Value	.00000	.00000	.00000	.00000	.00000
Range	.50940	.00300	.08100	.02300	.00690

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.00120	-.00254
SDev	.00157	.00096
%RSD	130.52	37.669
#1	.00086	-.00187
#2	-.00017	-.00211
#3	.00291	-.00363
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36949	--	--	--	--	--	--
SDev	232.8293	--	--	--	--	--	--
%RSD	.6301313	--	--	--	--	--	--
#1	37126	--	--	--	--	--	--
#2	36686	--	--	--	--	--	--
#3	37036	--	--	--	--	--	--

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Method: EPA3 Sample Name: MP26767-SD1 Operator:
Run Time: 08/16/04 23:46:50
Comment:
Mode: CONC Corr. Factor: 5

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00604	.00098	.00090	.00032	-.00166	.01636	.01000
SDev	.00054	.00060	.00101	.00056	.00025	.00169	.00013
%RSD	8.9039	61.801	111.61	177.18	14.938	10.310	1.3321
#1	.00563	.00081	-.00026	.00088	-.00181	.01443	.01002
#2	.00583	.00048	.00141	-.00025	-.00179	.01754	.00986
#3	.00665	.00165	.00155	.00033	-.00137	.01710	.01012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00593	.00111	.00796	.08663	-.00200	L-.02819	.00245
SDev	.00362	.00092	.00293	.00070	.02229	.03090	.00268
%RSD	60.992	82.996	36.850	.81022	1112.2	109.62	109.39
#1	.00746	.00208	.01121	.08596	L-.01296	L-.06004	-.00035
#2	.00180	.00025	.00550	.08657	L-.01669	L-.02618	.00499
#3	.00852	.00100	.00718	.08736	.02364	.00166	.00271
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	L-.01672	.00767	-.06505	12.312	.11475	3.5895	-.24342
SDev	.00183	.02335	.01034	.061	.01646	.0291	.03576
%RSD	10.919	304.55	15.890	.49163	14.342	.80987	14.689
#1	L-.01513	L-.01777	-.06879	12.256	.10484	3.5776	-.27536
#2	L-.01871	.02812	-.07299	12.305	.10566	3.5682	-.25011
#3	L-.01630	.01265	-.05336	12.376	.13375	3.6226	-.20479
Errors	LC Low	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.8294	.00436	.00006	20.272	.00282	.00070	.00087
SDev	.5416	.00328	.00005	.095	.01548	.01338	.01030
%RSD	5.5099	75.211	76.162	.47093	548.32	1919.5	1190.1
#1	10.028	.00598	.00011	20.186	L-.01320	.01603	-.01099
#2	10.244	.00650	.00005	20.256	.01769	-.00527	.00766
#3	9.2166	.00059	.00002	20.375	.00398	-.00866	.00592
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.01730	-.01807
SDev	.01337	.00912
%RSD	77.316	50.473
#1	-.03256	-.00805
#2	-.00764	-.02590
#3	-.01169	-.02025
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36552	--	--	--	--	--	--
SDev	161.6055	--	--	--	--	--	--
%RSD	.4421249	--	--	--	--	--	--
#1	36733	--	--	--	--	--	--
#2	36502	--	--	--	--	--	--
#3	36422	--	--	--	--	--	--

Method: EPA3 Sample Name: N74646-6 Operator:
Run Time: 08/16/04 23:54:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00243	-.00001	-.00042	-.00062	.00081	.01127	.00806
SDev	.00001	.00001	.00015	.00020	.00039	.00034	.00005
%RSD	.37279	75.721	35.980	31.588	48.168	3.0417	.65355
#1	.00243	-.00000	-.00026	-.00073	.00123	.01158	.00809
#2	.00242	-.00001	-.00042	-.00039	.00074	.01133	.00800
#3	.00244	-.00002	-.00056	-.00073	.00046	.01090	.00809
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00248	.00014	.00126	.00862	-.00299	-.00085	.00598
SDev	.00066	.00008	.00033	.00038	.00274	.00474	.00228
%RSD	26.418	59.568	26.154	4.4018	91.701	556.13	38.123
#1	.00274	.00005	.00159	.00872	L-.00505	.00015	.00861
#2	.00297	.00015	.00125	.00894	.00012	.00330	.00452
#3	.00174	.00022	.00093	.00820	-.00403	-.00601	.00481
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00147	-.00075	-.01733	12.166	.05622	3.4713	.50053
SDev	.00332	.00518	.00210	.071	.00806	.0241	.01357
%RSD	226.76	694.87	12.092	.58144	14.345	.69484	2.7112
#1	-.00105	-.00063	-.01495	12.242	.06293	3.4936	.51523
#2	.00523	.00438	-.01818	12.156	.04728	3.4748	.49785
#3	.00022	L-.00598	-.01888	12.101	.05846	3.4457	.48849
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.002	.00046	.00012	20.040	-.00012	.00546	.00575
SDev	.209	.00076	.00080	.090	.00240	.00292	.00401
%RSD	1.8996	165.17	677.66	.44758	1938.3	53.377	69.778
#1	11.244	.00029	-.00050	20.136	.00262	.00488	.00998
#2	10.889	.00129	-.00016	20.024	-.00114	.00862	.00199
#3	10.874	-.00020	.00102	19.959	-.00185	.00288	.00529
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.00120	.00128
SDev	.00356	.00335
%RSD	297.90	262.39
#1	-.00237	-.00072
#2	.00476	.00514
#3	.00120	-.00060
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37185	--	--	--	--	--	--
SDev	135.0793	--	--	--	--	--	--
%RSD	.3632596	--	--	--	--	--	--
#1	37030	--	--	--	--	--	--
#2	37247	--	--	--	--	--	--
#3	37278	--	--	--	--	--	--

Method: EPA3 Sample Name: N74646-9 Operator:
Run Time: 08/17/04 00:02:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03830	-.00000	-.00021	.00012	-.00034	.00169	.37104
SDev	.00029	.00001	.00013	.00024	.00052	.00060	.00093
%RSD	.76300	544.29	60.873	207.80	151.99	35.296	.25044
#1	.03811	-.00001	-.00021	.00031	.00026	.00238	.37169
#2	.03863	.00000	-.00008	.00019	-.00064	.00142	.37146
#3	.03814	.00000	-.00033	-.00015	-.00064	.00128	.36998
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00003	-.00015	.00044	.27584	-.00255	-.00088	.00010
SDev	.00128	.00026	.00042	.00050	.00275	.00329	.00046
%RSD	5124.2	169.91	93.947	.18288	107.64	373.99	468.35
#1	.00069	.00015	.00083	.27640	-.00081	.00214	-.00014
#2	.00074	-.00030	.00000	.27570	-.00112	-.00039	.00063
#3	-.00151	-.00031	.00049	.27542	L-.00572	-.00439	-.00019
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00021	.00446	-.01556	26.258	.61269	3.8585	.44339
SDev	.00136	.00039	.00078	.068	.00504	.0106	.01027
%RSD	636.63	8.8198	5.0297	.25897	.82266	.27361	2.3165
#1	.00074	.00491	-.01553	26.308	.61315	3.8680	.45189
#2	.00124	.00426	-.01479	26.286	.61748	3.8603	.44631
#3	-.00134	.00420	-.01636	26.180	.60744	3.8471	.43198
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.020	.00138	-.00021	23.504	.00557	-.00310	.00120
SDev	.187	.00056	.00054	.053	.00347	.00450	.00247
%RSD	1.5560	40.366	255.60	.22491	62.296	145.25	205.36
#1	12.207	.00186	.00033	23.523	.00308	-.00720	.00289
#2	12.020	.00151	-.00022	23.544	.00409	-.00383	.00236
#3	11.833	.00077	-.00075	23.444	.00953	.00172	-.00163
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00242	.00120
SDev	.00226	.00109
%RSD	93.356	90.843
#1	-.00256	.00206
#2	-.00009	.00157
#3	-.00461	-.00003
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36472	--	--	--	--	--	--
SDev	177.4413	--	--	--	--	--	--
%RSD	.4865173	--	--	--	--	--	--
#1	36321	--	--	--	--	--	--
#2	36427	--	--	--	--	--	--
#3	36667	--	--	--	--	--	--

Method: EPA3 Sample Name: N74646-4F Operator:
Run Time: 08/17/04 00:09:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00929	-.00005	-.00040	.00053	-.00018	.00582	.09867
SDev	.00016	.00001	.00013	.00042	.00045	.00025	.00085
%RSD	1.7038	25.843	33.098	79.155	249.23	4.2702	.86579
#1	.00912	-.00007	-.00038	.00018	.00033	.00591	.09768
#2	.00932	-.00004	-.00053	.00099	-.00035	.00601	.09909
#3	.00944	-.00005	-.00027	.00042	-.00051	.00554	.09922
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00161	.00020	.00079	.01611	-.00137	-.00629	-.00024
SDev	.00159	.00022	.00044	.00006	.00234	.00325	.00194
%RSD	98.711	108.57	55.815	.35433	170.61	51.610	808.37
#1	-.00010	.00016	.00046	.01617	-.00375	-.00698	.00189
#2	.00189	.00045	.00063	.01605	.00092	-.00275	-.00190
#3	.00303	.00001	.00129	.01611	-.00129	-.00913	-.00071
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00154	.00041	-.02136	6.3363	.06351	3.8660	1.4468
SDev	.00301	.00380	.00309	.0476	.00553	.0390	.0217
%RSD	195.23	925.00	14.452	.75189	8.7148	1.0082	1.5016
#1	.00438	-.00071	-.02025	6.2813	.06078	3.8211	1.4217
#2	.00186	.00465	-.02484	6.3635	.06988	3.8861	1.4600
#3	-.00161	-.00270	-.01897	6.3641	.05987	3.8908	1.4586
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.4132	.00086	-.00063	20.798	.00269	-.00004	-.00084
SDev	.1804	.00092	.00171	.148	.00249	.00402	.00227
%RSD	2.1441	107.05	270.83	.70977	92.541	10294.	271.13
#1	8.2454	-.00018	.00002	20.628	.00190	.00165	.00152
#2	8.6040	.00154	.00066	20.876	.00070	-.00462	-.00103
#3	8.3904	.00121	-.00257	20.891	.00549	.00286	-.00300
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00361	.00379
SDev	.00040	.00470
%RSD	10.995	124.12
#1	-.00406	.00827
#2	-.00348	.00420
#3	-.00329	-.00111
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36339	--	--	--	--	--	--
SDev	240.0005	--	--	--	--	--	--
%RSD	.6604452	--	--	--	--	--	--
#1	36608	--	--	--	--	--	--
#2	36263	--	--	--	--	--	--
#3	36146	--	--	--	--	--	--

Method: EPA3 Sample Name: N74646-9F Operator:
Run Time: 08/17/04 00:17:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03589	-.00004	-.00034	-.00082	-.00013	.00101	.36284
SDev	.00036	.00002	.00036	.00041	.00011	.00042	.00267
%RSD	1.0030	37.960	105.91	49.938	84.617	42.121	.73703
#1	.03630	-.00002	-.00014	-.00121	-.00001	.00149	.36592
#2	.03572	-.00005	-.00012	-.00086	-.00023	.00085	.36147
#3	.03564	-.00005	-.00076	-.00039	-.00015	.00069	.36112
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00062	.00004	.00067	.24085	-.00401	-.00321	-.00187
SDev	.00036	.00046	.00063	.00164	.00142	.00412	.00082
%RSD	57.441	1175.7	94.966	.67988	35.301	128.40	43.922
#1	.00026	-.00013	.00112	.24271	L-.00562	.00005	-.00111
#2	.00063	-.00031	-.00006	.24022	-.00349	-.00184	-.00275
#3	.00097	.00056	.00093	.23962	-.00293	-.00784	-.00176
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00098	.00166	-.01617	26.182	.01848	3.8052	.46333
SDev	.00151	.00462	.00237	.195	.00650	.0257	.01760
%RSD	153.97	277.53	14.676	.74474	35.164	.67586	3.7984
#1	-.00110	.00404	-.01343	26.406	.02415	3.8346	.48244
#2	-.00243	-.00366	-.01754	26.094	.01990	3.7945	.45975
#3	.00058	.00461	-.01755	26.047	.01139	3.7866	.44779
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.665	.00059	-.00042	22.863	.00255	-.00376	-.00143
SDev	.072	.00077	.00066	.188	.00384	.00277	.00020
%RSD	.61478	130.33	156.79	.82413	150.85	73.521	14.055
#1	11.660	.00097	-.00070	23.078	-.00146	-.00141	-.00146
#2	11.596	-.00030	-.00089	22.777	.00291	-.00681	-.00121
#3	11.739	.00110	.00033	22.732	.00620	-.00307	-.0016[illegible]
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

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High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00319	-.00021
SDev	.00367	.00167
%RSD	115.08	808.11
#1	-.00031	-.00182
#2	-.00733	-.00031
#3	-.00193	.00151
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36142	--	--	--	--	--	--
SDev	285.6961	--	--	--	--	--	--
%RSD	.7904795	--	--	--	--	--	--
#1	35824	--	--	--	--	--	--
#2	36226	--	--	--	--	--	--
#3	36377	--	--	--	--	--	--

lethod: EPA3 Sample Name: MP26793-MB1 Operator:
.un Time: 08/17/04 00:24:51
:omment:
lode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00026	-.00001	.00013	-.00032	.00011	.00096	.00031
SDev	.00013	.00002	.00017	.00024	.00005	.00009	.00005
%RSD	50.322	202.74	131.88	75.765	42.786	9.6588	16.089
#1	.00029	-.00002	.00023	-.00051	.00005	.00106	.00031
#2	.00037	-.00003	-.00007	-.00005	.00014	.00089	.00035
#3	.00012	.00002	.00023	-.00039	.00013	.00093	.00026
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.00400	.00400	.05000	.01000	.02500	.01500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00031	-.00006	.00137	-.00103	.00125	-.00967	-.00202
SDev	.00013	.00022	.00100	.00054	.00261	.00808	.00170
%RSD	42.221	347.86	72.572	51.845	208.46	83.518	83.824
#1	.00032	-.00027	.00242	-.00042	-.00133	L-.01621	L-.00397
#2	.00018	-.00008	.00127	-.00128	.00120	-.00064	-.00087
#3	.00044	.00016	.00044	-.00140	.00389	L-.01217	-.00123
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.04000	.01000	.05000	.02000	.00500	.01000	.00300
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00269	.00451	-.02007	.02121	.00117	-.00108	-.19200
SDev	.00089	.00359	.00078	.00108	.00716	.00041	.00826
%RSD	33.199	79.593	3.8660	5.0768	614.24	38.386	4.3030
#1	-.00360	.00311	-.02055	.02153	-.00558	-.00155	-.20132
#2	-.00182	H.00859	-.01918	.02209	.00041	-.00082	-.18556
#3	-.00264	.00183	-.02049	.02001	.00867	-.00086	-.18913
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00500	.00500	.20000	5.0000	.10000	5.0000	5.0000
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44736	.00090	-.00092	.04356	.00039	-.00249	-.00227
SDev	.03793	.00112	.00163	.00237	.00492	.00269	.00294
%RSD	8.4794	125.52	177.15	5.4431	1246.5	108.29	129.29
#1	.40941	-.00036	-.00277	.04561	-.00526	-.00266	-.00512
#2	.48528	.00124	.00033	.04410	.00364	-.00509	.00075
#3	.44740	.00181	-.00032	.04096	.00281	.00029	-.00245
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	5.0000	.00500	.05000	.20000	.01000
Low	-5.0000	-.01000	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.01114	.00121
SDev	.00566	.00195
%RSD	50.796	161.58
#1	-.01757	.00305
#2	-.00892	.00140
#3	-.00693	-.00083
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36350	--	--	--	--	--	--
SDev	87.91409	--	--	--	--	--	--
%RSD	.2418553	--	--	--	--	--	--
#1	36329	--	--	--	--	--	--
#2	36274	--	--	--	--	--	--
#3	36446	--	--	--	--	--	--

Method: EPA3 Sample Name: CRIB Operator:
Run Time: 08/17/04 00:32:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.39819	.01043	.00829	.10247	.02085	.05107	.03082
SDev	.00029	.00004	.00014	.00068	.00014	.00058	.00006
%RSD	.07363	.37594	1.6284	.66137	.67757	1.1301	.18503
#1	.39821	.01038	.00829	.10243	.02093	.05166	.03088
#2	.39846	.01044	.00843	.10181	.02095	.05050	.03082
#3	.39788	.01046	.00816	.10317	.02069	.05105	.03076
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.40000	.01000	.00800	.10000	.02000	.05000	.03000
Range	30.000	30.000	30.000	30.000	30.000	30.000	30.000

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08000	.02079	.10082	.03991	.00873	.01844	Q.00367
SDev	.00126	.00040	.00047	.00072	.00010	.00380	.00148
%RSD	1.5726	1.8985	.46140	1.8039	1.1950	20.629	40.300
#1	.08144	.02124	.10076	.03909	.00870	.02056	.00533
#2	.07937	.02063	.10039	.04044	.00884	.02071	Q.00320
#3	.07917	.02049	.10132	.04020	.00864	.01405	Q.00249
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail
Value	.08000	.02000	.10000	.04000	.01000	.02000	.00600
Range	30.000	30.000	30.000	30.000	30.000	30.000	30.000

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00905	.00791	.37759	5.0254	.17980	5.0312	5.0080
SDev	.00180	.00313	.00401	.0122	.01333	.0032	.0125
%RSD	19.859	39.637	1.0611	.24322	7.4150	.06450	.24897
#1	.00986	Q.00430	.38202	5.0122	.16462	5.0287	5.0164
#2	Q.00699	.00943	.37651	5.0277	.18518	5.0300	4.9937
#3	.01031	.00999	.37423	5.0363	.18961	5.0349	5.0140
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.01000	.01000	.40000	5.0000	.20000	5.0000	5.0000
Range	30.000	30.000	30.000	30.000	30.000	30.000	30.000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.8872	.02263	.10782	.41189	.02450	.00295	.00355
SDev	.0514	.00060	.00134	.00159	.00267	.00177	.00134
%RSD	1.0512	2.6353	1.2466	.38491	10.887	59.916	37.802
#1	4.8484	.02194	.10935	.41337	.02582	.00489	.00507
#2	4.8677	.02299	.10684	.41208	Q.02624	.00254	.00304
#3	4.9455	.02295	.10728	.41022	.02143	.00142	.0025[illegible]
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

Value	5.0000	.02000	.10000	.40000	.02000
Range	30.000	30.000	30.000	30.000	30.000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.00884	.00884
SDev	.00375	.00100
%RSD	42.423	11.257
#1	.00949	.00973
#2	.00480	.00777
#3	.01222	.00903
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37232	--	--	--	--	--	--
SDev	73.66508	--	--	--	--	--	--
%RSD	.1978542	--	--	--	--	--	--
#1	37314	--	--	--	--	--	--
#2	37212	--	--	--	--	--	--
#3	37170	--	--	--	--	--	--

Method: EPA3 Sample Name: ICSA Operator:
Run Time: 08/17/04 00:40:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00354	.00025	.00182	.00210	.00029	.00172	-.00058
SDev	.00006	.00002	.00068	.00038	.00074	.00040	.00010
%RSD	1.6704	9.4989	37.194	18.083	259.53	23.317	17.602
#1	.00357	.00027	.00181	.00182	-.00054	.00197	-.00062
#2	.00359	.00026	.00115	.00254	.00089	.00126	-.00066
#3	.00347	.00023	.00251	.00196	.00051	.00193	-.00047
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.20000	.00400	.00400	.05000	.01000	.02500	.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00104	.00062	.00534	-.00050	Q-.00687	Q-.01059	-.00254
SDev	.00123	.00042	.00071	.00065	.00149	.01093	.00380
%RSD	118.71	67.167	13.387	130.68	21.755	103.15	149.50
#1	.00024	.00074	.00465	-.00113	Q-.00631	Q-.02273	.00112
#2	.00246	.00097	.00607	-.00054	Q-.00856	-.00751	-.00228
#3	.00042	.00016	.00529	.00017	Q-.00574	-.00154	Q-.00647
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail	QC Fail	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.04000	.01000	.05000	.02000	.00500	.01000	.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00073	-.00177	533.46	542.14	200.44	528.01	-.00903
SDev	.00462	.00476	2.46	3.42	.93	2.55	.00716
%RSD	633.40	268.93	.46036	.63013	.46638	.48346	79.305
#1	.00467	-.00443	531.92	539.53	199.84	526.33	-.01523
#2	-.00436	-.00460	532.16	540.89	199.97	526.76	-.01066
#3	.00188	.00372	536.29	546.01	201.52	530.95	-.00119
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	500.00	500.00	200.00	500.00	.00000
Range	.00500	.00500	100.00	100.00	40.000	100.00	5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.20168	.00307	-.00061	.06221	.00869	-.00158	-.00341
SDev	.06827	.00193	.00046	.00025	.00380	.00328	.00410
%RSD	33.852	62.882	75.671	.40887	43.730	207.12	120.47
#1	-.26796	.00367	-.00110	.06207	Q.01298	.00112	.00073
#2	-.20551	.00462	-.00019	.06206	.00577	-.00064	-.00348
#3	-.13158	.00091	-.00054	.06251	.00731	-.00523	-.00[illegible]
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

4777

Value	.00000	.00000	.00000	.00000	.00000
Range	5.0000	.00500	.05000	.20000	.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00117	.00134
SDev	.00439	.00726
%RSD	374.09	541.87
#1	-.00458	.00894
#2	-.00273	-.00551
#3	.00379	.00059
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35086	--	--	--	--	--	--
SDev	97.23228	--	--	--	--	--	--
%RSD	.2771266	--	--	--	--	--	--
#1	35141	--	--	--	--	--	--
#2	35143	--	--	--	--	--	--
#3	34974	--	--	--	--	--	--

Method: EPA3 Sample Name: ICSAB Operator:
Run Time: 08/17/04 00:47:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51889	.48118	.98102	.50609	.48931	.52034	.49606
SDev	.00223	.00142	.00470	.00197	.00241	.00191	.00204
%RSD	.42936	.29477	.47903	.38955	.49213	.36629	.41073
#1	.51719	.48069	.98070	.50476	.48824	.51989	.49516
#2	.51806	.48007	.97649	.50517	.48763	.51871	.49462
#3	.52141	.48278	.98587	.50836	.49207	.52244	.49839
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	1.0000	.50000	.50000	.50000	.50000
Range	.10000	.10000	.20000	.10000	.10000	.10000	.10000

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99919	1.0644	.50737	.95524	1.0801	.95355	1.0216
SDev	.00408	.0045	.00100	.00216	.0101	.00765	.0046
%RSD	.40838	.42425	.19715	.22566	.93459	.80246	.44972
#1	.99770	1.0619	.50753	.95479	1.0843	.94681	1.0163
#2	.99605	1.0616	.50630	.95335	1.0686	.95198	1.0246
#3	1.0038	1.0696	.50828	.95759	1.0875	.96187	1.0240
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.0000	1.0000	.50000	1.0000	1.0000	1.0000	1.0000
Range	.20000	.20000	.10000	.20000	.20000	.20000	.20000

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0548	1.0350	547.62	555.75	208.92	537.28	-.01850
SDev	.0041	.0039	1.58	2.35	.65	1.79	.00951
%RSD	.38828	.37236	.28772	.42213	.30898	.33308	51.420
#1	1.0516	1.0306	546.71	554.89	208.77	536.37	-.02527
#2	1.0534	1.0372	546.70	553.95	208.36	536.13	-.02259
#3	1.0594	1.0373	549.44	558.40	209.63	539.34	-.00762
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK
Value	1.0000	1.0000	500.00	500.00	200.00	500.00	
Range	.20000	.20000	100.00	100.00	40.000	100.00	

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.09855	.51402	.54052	.05390	.00587	1.0171	1.0234
SDev	.12193	.00377	.00175	.00417	.00331	.0010	.0073
%RSD	123.72	.73288	.32426	7.7281	56.410	.09902	.71399
#1	-.22987	.51145	.53925	.05832	.00823	1.0181	1.0149
#2	.01108	.51225	.53981	.05332	.00729	1.0172	1.0278
#3	-.07687	.51834	.54252	.05005	.00209	1.0161	1.0274
Errors	NOCHECK	QC Pass	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK

Value	.50000	.50000
Range	.10000	.10000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	1.0518	1.0560
SDev	.0062	.0060
%RSD	.59009	.56976
#1	1.0555	1.0493
#2	1.0447	1.0574
#3	1.0554	1.0611
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	34579	--	--	--	--	--	--
SDev	169.5203	--	--	--	--	--	--
%RSD	.4902417	--	--	--	--	--	--
#1	34721	--	--	--	--	--	--
#2	34625	--	--	--	--	--	--
#3	34391	--	--	--	--	--	--

Method: EPA3 Sample Name: CCV Operator:
Run Time: 08/17/04 00:55:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9938	2.0478	2.0011	2.0107	2.0198	1.9902	2.0157
SDev	.0104	.0062	.0090	.0073	.0061	.0076	.0072
%RSD	.52352	.30131	.44961	.36534	.30439	.38378	.35704
#1	2.0001	2.0507	2.0039	2.0124	2.0225	1.9957	2.0193
#2	1.9818	2.0407	1.9910	2.0027	2.0127	1.9814	2.0074
#3	1.9996	2.0520	2.0084	2.0171	2.0240	1.9933	2.0204
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0098	.25633	2.0119	1.9887	2.0109	1.9837	2.0163
SDev	.0094	.00161	.0118	.0074	.0044	.0066	.0029
%RSD	.46611	.62800	.58633	.37149	.21750	.33383	.14301
#1	2.0198	.25752	2.0205	1.9938	2.0120	1.9764	2.0156
#2	2.0012	.25450	1.9985	1.9802	2.0061	1.9856	2.0138
#3	2.0085	.25696	2.0167	1.9922	2.0146	1.9892	2.0195
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	.25000	2.0000	2.0000	2.0000	2.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0420	2.0144	40.323	40.453	40.962	41.055	40.393
SDev	.0066	.0108	.391	.338	.271	.378	.180
%RSD	.32292	.53449	.96997	.83546	.66145	.92026	.44564
#1	2.0461	2.0185	40.753	40.822	41.206	41.473	40.523
#2	2.0344	2.0022	39.990	40.158	40.671	40.738	40.187
#3	2.0454	2.0226	40.225	40.379	41.009	40.954	40.468
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	2.0000	40.000	40.000	40.000	40.000	40.000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	40.806	2.0202	1.9740	5.1561	2.0297	2.0225	2.0128
SDev	.003	.0079	.0076	.0183	.0073	.0081	.0083
%RSD	.00655	.39322	.38602	.35572	.36134	.40130	.41174
#1	40.803	2.0233	1.9775	5.1675	2.0351	2.0217	2.0122
#2	40.808	2.0112	1.9653	5.1349	2.0213	2.0310	2.0048
#3	40.807	2.0262	1.9792	5.1658	2.0326	2.0148	2.0214
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

Value	40.000	2.0000	2.0000	5.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	2.0373	2.0440
SDev	.0128	.0157
%RSD	.62688	.76712
#1	2.0370	2.0503
#2	2.0502	2.0261
#3	2.0247	2.0555
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36675	--	--	--	--	--	--
SDev	171.7223	--	--	--	--	--	--
%RSD	.4682280	--	--	--	--	--	--
#1	36537	--	--	--	--	--	--
#2	36867	--	--	--	--	--	--
#3	36621	--	--	--	--	--	--

Method: EPA3 Sample Name: CCB Operator:
Run Time: 08/17/04 01:02:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00021	.00042	.00018	.00034	-.00007	.00090	.00053
SDev	.00016	.00005	.00022	.00054	.00051	.00008	.00006
%RSD	77.285	11.554	119.85	162.43	735.28	8.7900	10.393
#1	.00032	.00046	-.00006	.00076	-.00011	.00082	.00059
#2	.00027	.00044	.00036	.00053	-.00056	.00089	.00050
#3	.00002	.00037	.00026	-.00028	.00046	.00098	.00050
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.02000	.00050	.00090	.00500	.00240	.00270	.00150

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00134	.00040	.00127	-.00069	-.00185	-.00773	-.00101
SDev	.00037	.00023	.00049	.00033	.00278	.00344	.00299
%RSD	27.186	57.969	38.812	47.132	150.02	44.548	296.12
#1	-.00117	.00022	.00078	-.00060	.00099	-.00441	.00235
#2	-.00176	.00032	.00177	-.00042	-.00198	Q-.01129	-.00198
#3	-.00109	.00066	.00127	-.00105	-.00456	-.00749	Q-.00339
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.00400	.00210	.00500	.00270	.00500	.01000	.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00007	.00050	.01877	.02920	.03151	.05214	-.18318
SDev	.00155	.00092	.00745	.01174	.00643	.01143	.00160
%RSD	2380.5	184.61	39.673	40.211	20.421	21.924	.87425
#1	-.00082	.00013	.02581	.04035	.03816	.06291	-.18168
#2	-.00110	-.00018	.01952	.03031	.02532	.05338	-.18487
#3	.00172	.00154	.01097	.01694	.03104	.04015	-.18299
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.00500	.00500	.02970	.50000	.05520	.50000	.50000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.33362	.00139	.00008	-.00765	.00275	-.00211	-.00090
SDev	.01720	.00073	.00034	.00209	.00155	.00292	.00316
%RSD	5.1552	52.526	444.84	27.254	56.242	138.42	350.41
#1	-.35126	.00208	-.00022	-.00768	.00098	.00057	.00274
#2	-.31690	.00147	.00044	-.00973	.00345	-.00167	-.00255
#3	-.33271	.00063	.00000	-.00556	.00382	-.00521	-.0028[illegible]
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

Value	.00000	.00000	.00000	.00000	.00000
Range	.50940	.00300	.08100	.02300	.00690

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.00163	-.00124
SDev	.00168	.00153
%RSD	103.22	122.95
#1	.00122	-.00217
#2	.00019	-.00207
#3	.00347	.00052
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36378	--	--	--	--	--	--
SDev	17.54674	--	--	--	--	--	--
%RSD	.0482339	--	--	--	--	--	--
#1	36394	--	--	--	--	--	--
#2	36382	--	--	--	--	--	--
#3	36359	--	--	--	--	--	--

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Method: EPA3 Sample Name: MP26793-LC1 Operator:
Run Time: 08/17/04 01:10:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52928	.53345	.53011	.53529	.53168	.53762	.53791
SDev	.00497	.00223	.00218	.00245	.00237	.00501	.00236
%RSD	.93977	.41795	.41188	.45765	.44554	.93266	.43849
#1	.52486	.53397	.53100	.53653	.53224	.53319	.53728
#2	.53466	.53537	.53171	.53687	.53372	.54306	.54051
#3	.52832	.53101	.52762	.53247	.52909	.53660	.53592
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.60000	.60000	.60000	.60000	.60000	.60000	.60000
Low	.40000	.40000	.40000	.40000	.40000	.40000	.40000

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53259	.21082	.53456	.52891	.51908	.52041	.52827
SDev	.00478	.00163	.00348	.00333	.00612	.00439	.00939
%RSD	.89779	.77368	.65152	.62920	1.1789	.84332	1.7775
#1	.53659	.21047	.53791	.53159	.51388	.52290	.51824
#2	.53388	.21260	.53482	.52994	.52582	.52300	.53684
#3	.52729	.20940	.53096	.52518	.51753	.51535	.52974
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.60000	.24000	.60000	.60000	.60000	.60000	.60000
Low	.40000	.16000	.40000	.40000	.40000	.40000	.40000

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49494	.52045	5.3066	6.0152	5.8992	6.0455	5.4134
SDev	.00579	.00340	.0474	.0258	.0318	.0364	.0510
%RSD	1.1692	.65336	.89260	.42919	.53960	.60263	.94294
#1	.48826	.51657	5.2610	6.0305	5.9053	6.0334	5.3668
#2	.49832	.52291	5.3556	6.0297	5.9275	6.0864	5.4680
#3	.49825	.52188	5.3032	5.9854	5.8647	6.0166	5.4054
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.60000	.60000	6.0000	6.6000	6.6000	6.6000	6.0000
Low	.40000	.40000	4.0000	4.4000	4.4000	4.4000	4.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H6.2332	.54421	L-.00076	H.40023	H.00286	.53786	.52315
SDev	.3502	.00319	.00272	.00468	.00416	.00878	.01687
%RSD	5.6176	.58571	356.33	1.1693	145.60	1.6327	3.2249
#1	H6.6316	.54753	H.00221	H.39804	H.00766	.54618	.50394
#2	H6.0937	.54395	L-.00312	H.40561	H.00054	.53874	.53556
#3	5.9743	.54117	L-.00138	H.39705	H.00037	.52868	.52995
Errors	LC High	LC Pass	LC Low	LC High	LC High	NOCHECK	NOCHECK

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High	6.0000	.60000	.00000	.00000	.00000
Low	4.0000	.40000	.00000	.00000	.00000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.49566	.49428
SDev	.00894	.01312
%RSD	1.8045	2.6552
#1	.50595	.47913
#2	.49130	.50153
#3	.48973	.50218
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35773	--	--	--	--	--	--
SDev	370.3987	--	--	--	--	--	--
%RSD	1.035412	--	--	--	--	--	--
#1	36143	--	--	--	--	--	--
#2	35402	--	--	--	--	--	--
#3	35774	--	--	--	--	--	--

Method: EPA3 Sample Name: MP26793-S1 Operator:
Run Time: 08/17/04 01:18:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.2861	.05287	.05250	.52216	.20994	.27651	6.5046
SDev	.0082	.00020	.00070	.00221	.00139	.00096	.0287
%RSD	.35705	.38374	1.3396	.42322	.66390	.34644	.44086
#1	2.2848	.05287	.05260	.52079	.20928	.27569	6.5036
#2	2.2948	.05307	.05315	.52471	.21154	.27756	6.5337
#3	2.2787	.05266	.05176	.52097	.20899	.27628	6.4764
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52304	.05449	.53062	.52090	2.0587	2.0656	.52542
SDev	.00577	.00033	.00300	.00313	.0084	.0179	.00316
%RSD	1.1037	.59902	.56582	.60048	.40685	.86794	.60196
#1	.52013	.05423	.53240	.52069	2.0524	2.0638	.52222
#2	.52969	.05486	.53231	.52412	2.0682	2.0844	.52548
#3	.51930	.05438	.52715	.51788	2.0556	2.0487	.52855
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9923	.52726	2.2003	162.66	4.0515	60.335	54.559
SDev	.0133	.00520	.0049	.76	.0091	.263	.337
%RSD	.66802	.98693	.22078	.46735	.22569	.43613	.61767
#1	1.9802	.52424	2.1986	162.58	4.0565	60.317	54.483
#2	2.0066	.53327	2.2058	163.45	4.0569	60.606	54.927
#3	1.9901	.52426	2.1965	161.94	4.0409	60.081	54.267
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	223.24	.00121	-.00150	7.2980	.00400	.52028	.52763
SDev	1.07	.00161	.00035	.0347	.00108	.00209	.00494
%RSD	.48011	133.36	23.545	.47495	27.095	.40122	.93695
#1	222.69	.00292	-.00112	7.3027	.00524	.51928	.52335
#2	224.47	.00101	-.00183	7.3301	.00324	.52268	.52649
#3	222.55	-.00029	-.00156	7.2612	.00352	.51888	.53304
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	2.0036	1.9864
SDev	.0102	.0155
%RSD	.50682	.78181
#1	1.9984	1.9709
#2	2.0153	2.0019
#3	1.9971	1.9863
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	34948	--	--	--	--	--	--
SDev	171.1487	--	--	--	--	--	--
%RSD	.4897277	--	--	--	--	--	--
#1	34894	--	--	--	--	--	--
#2	34810	--	--	--	--	--	--
#3	35139	--	--	--	--	--	--

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Method: EPA3 Sample Name: MP26793-S2 Operator:
Run Time: 08/17/04 01:25:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.1001	.04918	.04932	.48483	.19544	.25282	6.0735
SDev	.0035	.00008	.00031	.00106	.00019	.00078	.0078
%RSD	.16893	.15939	.62189	.21848	.09703	.30777	.12925
#1	2.1007	.04916	.04963	.48530	.19552	.25209	6.0786
#2	2.0963	.04911	.04902	.48361	.19522	.25273	6.0645
#3	2.1034	.04926	.04930	.48557	.19558	.25364	6.0775
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48916	.05061	.49299	.48787	1.9108	1.9219	.49002
SDev	.00247	.00020	.00134	.00170	.0016	.0091	.00080
%RSD	.50385	.38735	.27099	.34826	.08316	.47486	.16345
#1	.48633	.05039	.49452	.48726	1.9094	1.9173	.48944
#2	.49087	.05068	.49204	.48656	1.9125	1.9160	.48968
#3	.49027	.05077	.49240	.48979	1.9104	1.9324	.49093
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.8562	.49107	2.0007	151.67	3.7048	56.086	49.951
SDev	.0063	.00194	.0069	.29	.0196	.068	.174
%RSD	.34124	.39515	.34416	.18835	.52932	.12165	.34825
#1	1.8519	.49103	1.9941	151.68	3.7012	56.068	49.812
#2	1.8533	.48915	2.0003	151.38	3.6873	56.029	49.895
#3	1.8635	.49303	2.0078	151.96	3.7260	56.162	50.146
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	207.76	.00148	-.00079	6.8095	.00462	.49144	.48888
SDev	.39	.00121	.00079	.0080	.00216	.00058	.00129
%RSD	.18884	82.236	101.00	.11702	46.700	.11734	.26478
#1	207.33	.00121	-.00170	6.8127	.00535	.49192	.48772
#2	207.86	.00042	-.00038	6.8005	.00632	.49080	.48864
#3	208.10	.00280	-.00027	6.8154	.00219	.49161	.49028
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	1.8748	1.8466
SDev	.0019	.0097
%RSD	.10012	.52426
#1	1.8767	1.8392
#2	1.8730	1.8431
#3	1.8748	1.8576
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37144	--	--	--	--	--	--
SDev	121.7983	--	--	--	--	--	--
%RSD	.3279084	--	--	--	--	--	--
#1	37004	--	--	--	--	--	--
#2	37202	--	--	--	--	--	--
#3	37226	--	--	--	--	--	--

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Method: EPA3 Sample Name: N74586-6F Operator:
Run Time: 08/17/04 01:33:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.16285	.00001	.00007	.00096	.00100	.00056	5.7640
SDev	.00545	.00003	.00006	.00012	.00047	.00060	.1930
%RSD	3.3438	481.78	81.658	11.984	47.304	107.07	3.3477
#1	.15657	-.00001	.00000	.00100	.00053	-.00009	5.5417
#2	.16621	-.00001	.00009	.00083	.00148	.00069	5.8875
#3	.16578	.00004	.00011	.00105	.00101	.00110	5.8629
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00075	.00043	.00076	.00459	.00225	-.00060	.00267
SDev	.00017	.00029	.00079	.00026	.00430	.00543	.00184
%RSD	23.334	66.586	103.54	5.5871	191.05	910.10	68.939
#1	-.00069	.00075	.00159	.00446	-.00159	.00266	.00228
#2	-.00095	.00020	.00068	.00489	.00690	.00242	.00105
#3	-.00061	.00035	.00002	.00443	.00145	-.00687	.00467
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00044	.00232	.00546	129.21	2.8047	31.854	24.867
SDev	.00137	.00311	.00523	4.42	.1108	1.076	.790
%RSD	313.40	133.65	95.864	3.4223	3.9513	3.3787	3.1766
#1	.00122	.00500	-.00058	124.11	2.6768	30.613	23.956
#2	-.00115	.00306	.00822	131.97	2.8725	32.537	25.300
#3	.00124	-.00108	.00873	131.55	2.8649	32.411	25.347
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	187.10	.00149	-.00052	7.0635	.00273	.00163	.00269
SDev	5.12	.00122	.00099	.2378	.00105	.00314	.00229
%RSD	2.7350	81.764	190.88	3.3663	38.694	192.59	85.028
#1	181.19	.00217	.00050	6.7894	.00226	.00423	.00083
#2	190.09	.00221	-.00149	7.2143	.00393	-.00185	.00200
#3	190.02	.00008	-.00057	7.1869	.00198	.00251	.00525
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00373	.00219
SDev	.00166	.00287
%RSD	44.566	130.97
#1	-.00509	.00405
#2	-.00188	-.00112
#3	-.00423	.00365
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36510	--	--	--	--	--	--
SDev	917.9504	--	--	--	--	--	--
%RSD	2.514253	--	--	--	--	--	--
#1	37558	--	--	--	--	--	--
#2	35851	--	--	--	--	--	--
#3	36120	--	--	--	--	--	--

Method: EPA3 Sample Name: MP26793-SD1 Operator:
Run Time: 08/17/04 01:40:55
Comment:
Mode: CONC Corr. Factor: 5

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.17751	-.00006	.00030	-.00025	-.00022	.00434	6.3286
SDev	.00050	.00009	.00053	.00111	.00175	.00131	.0154
%RSD	.27982	147.74	175.18	438.39	783.41	30.211	.24397
#1	.17809	-.00011	-.00027	-.00136	-.00132	.00368	6.3405
#2	.17723	-.00012	.00041	-.00025	-.00113	.00348	6.3341
#3	.17722	.00005	.00076	.00086	.00179	.00584	6.3112
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00119	.00123	.00271	.01209	L-.00888	L-.03633	-.00058
SDev	.00664	.00095	.00324	.00172	.00626	.02164	.00614
%RSD	558.56	77.055	119.74	14.252	70.536	59.569	1056.5
#1	.00793	.00157	-.00077	.01085	L-.00792	L-.03065	.00438
#2	-.00534	.00016	.00564	.01137	L-.01557	L-.06025	.00133
#3	.00098	.00196	.00325	.01406	-.00315	L-.01810	L-.00745
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Low	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00263	L-.00855	-.02122	139.02	3.0042	35.150	28.370
SDev	.01279	.01949	.04044	.28	.0343	.085	.048
%RSD	486.36	227.80	190.60	.19885	1.1413	.24235	.17082
#1	L-.01130	L-.03035	-.06617	139.23	2.9654	35.218	28.409
#2	L-.00865	-.00250	.01220	139.12	3.0169	35.177	28.386
#3	.01206	.00718	-.00968	138.70	3.0304	35.054	28.316
Errors	LC Pass	LC Low	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	205.54	.00229	-.00209	7.7652	.03484	-.01368	.00358
SDev	.77	.00555	.00474	.0265	.00954	.00817	.00877
%RSD	.37680	242.88	226.87	.34120	27.391	59.764	244.71
#1	205.62	.00218	.00037	7.7948	.02458	-.01790	.01312
#2	204.73	-.00321	.00092	7.7571	.03649	-.00426	.00174
#3	206.27	.00789	-.00756	7.7437	.04345	-.01888	-.0041[illegible]
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

1793

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.00778	-.00943
SDev	.00276	.01961
%RSD	35.420	208.01
#1	.00581	-.02145
#2	.01093	-.02003
#3	.00661	.01320
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37739	--	--	--	--	--	--
SDev	90.96785	--	--	--	--	--	--
%RSD	.2410451	--	--	--	--	--	--
#1	37654	--	--	--	--	--	--
#2	37727	--	--	--	--	--	--
#3	37835	--	--	--	--	--	--

Method: EPA3 Sample Name: N74586-1F Operator:
Run Time: 08/17/04 01:48:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13120	.00019	.00046	.01903	.00104	.00048	7.8705
SDev	.00128	.00003	.00034	.00055	.00013	.00032	.0643
%RSD	.97292	14.353	72.763	2.9050	12.156	65.738	.81737
#1	.13138	.00021	.00081	.01875	.00114	.00075	7.9016
#2	.12984	.00016	.00042	.01867	.00108	.00055	7.7965
#3	.13237	.00020	.00015	.01967	.00090	.00013	7.9133
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00399	.00049	.00043	.00449	-.00317	-.00516	-.00077
SDev	.00103	.00015	.00069	.00014	.00122	.00633	.00258
%RSD	25.901	30.775	160.54	3.0439	38.572	122.62	333.35
#1	.00426	.00035	.00121	.00457	-.00399	.00214	L-.00374
#2	.00284	.00047	-.00014	.00433	-.00376	-.00861	.00094
#3	.00485	.00065	.00023	.00457	-.00176	-.00902	.00048
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00286	.00488	.00405	45.739	11.185	17.035	5.8656
SDev	.00337	.00326	.00227	.359	.110	.157	.0810
%RSD	117.73	66.906	56.068	.78409	.98315	.92360	1.3811
#1	-.00231	.00827	.00536	45.906	11.233	17.094	5.8831
#2	.00020	.00176	.00143	45.327	11.059	16.856	5.7773
#3	L-.00647	.00461	.00535	45.984	11.262	17.154	5.9364
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	205.73	.00039	-.00086	3.0895	.00065	-.00195	-.00062
SDev	2.15	.00086	.00052	.0297	.00164	.00430	.00357
%RSD	1.0463	224.40	59.814	.96138	251.82	220.64	571.91
#1	205.67	.00051	-.00076	3.1012	-.00121	-.00341	-.00424
#2	203.62	.00118	-.00040	3.0557	.00127	.00289	-.00052
#3	207.92	-.00054	-.00142	3.1115	.00190	-.00533	.00289
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.01041	.00059
SDev	.00330	.00340
%RSD	31.715	576.97
#1	-.00984	.00113
#2	-.00743	.00369
#3	-.01396	-.00305
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36645	--	--	--	--	--	--
SDev	212.2382	--	--	--	--	--	--
%RSD	.5791812	--	--	--	--	--	--
#1	36521	--	--	--	--	--	--
#2	36890	--	--	--	--	--	--
#3	36523	--	--	--	--	--	--

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Method: EPA3 Sample Name: N74586-2F Operator:
Run Time: 08/17/04 01:56:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05136	-.00001	-.00005	-.00001	.00115	.00581	.10257
SDev	.00089	.00005	.00020	.00042	.00034	.00065	.00194
%RSD	1.7287	687.80	422.35	3127.6	29.100	11.161	1.8968
#1	.05235	.00005	.00016	-.00050	.00097	.00578	.10479
#2	.05064	-.00001	-.00006	.00017	.00095	.00518	.10118
#3	.05108	-.00006	-.00024	.00028	.00154	.00648	.10173
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00177	.00001	.00224	.01363	-.00270	-.00478	.00111
SDev	.00160	.00090	.00035	.00042	.00206	.00179	.00024
%RSD	90.519	10552.	15.777	3.0892	76.413	37.403	21.785
#1	.00033	-.00069	.00260	.01403	-.00073	-.00666	.00121
#2	.00149	-.00031	.00190	.01366	-.00484	-.00311	.00084
#3	.00350	.00102	.00221	.01319	-.00252	-.00457	.00130
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00014	.00265	.77213	29.642	.52782	5.6772	6.6713
SDev	.00026	.00267	.01227	.506	.01492	.0980	.1301
%RSD	183.07	100.76	1.5898	1.7081	2.8270	1.7255	1.9503
#1	.00011	.00287	.78615	30.219	.53695	5.7902	6.8205
#2	-.00013	.00520	.76331	29.270	.53591	5.6168	6.5819
#3	-.00041	-.00012	.76692	29.438	.51060	5.6245	6.6113
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	60.530	.00339	.00090	5.0006	.00368	.00405	-.00084
SDev	.987	.00129	.00245	.0816	.00170	.00510	.00230
%RSD	1.6312	38.115	271.83	1.6325	46.187	125.78	274.67
#1	61.639	.00316	-.00119	5.0945	.00298	.00155	.00054
#2	59.746	.00223	.00029	4.9459	.00243	.00069	.00044
#3	60.204	.00478	.00360	4.9616	.00561	.00992	-.0034[illegible]
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

797

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00759	.00326
SDev	.00429	.00244
%RSD	56.559	74.798
#1	-.00882	.00425
#2	-.01114	.00506
#3	-.00282	.00048
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37398	--	--	--	--	--	--
SDev	620.8669	--	--	--	--	--	--
%RSD	1.660167	--	--	--	--	--	--
#1	36682	--	--	--	--	--	--
#2	37782	--	--	--	--	--	--
#3	37730	--	--	--	--	--	--

Method: EPA3 Sample Name: N74586-3F Operator:
Run Time: 08/17/04 02:03:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.26219	.00013	.00109	.00613	.00127	.00066	8.0454
SDev	.00485	.00003	.00060	.00071	.00024	.00064	.1509
%RSD	1.8514	25.959	54.881	11.566	18.975	96.968	1.8762
#1	.26779	.00016	.00178	.00692	.00151	.00138	8.2196
#2	.25917	.00010	.00080	.00555	.00127	.00042	7.9542
#3	.25961	.00012	.00069	.00591	.00103	.00018	7.9623
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01723	.00046	.00072	.01154	-.00308	-.00467	-.00001
SDev	.00047	.00037	.00053	.00088	.00214	.00287	.00183
%RSD	2.7585	80.974	74.003	7.6370	69.387	61.347	30914.
#1	.01754	.00012	.00051	.01255	-.00064	-.00745	-.00010
#2	.01668	.00041	.00033	.01114	-.00462	-.00484	.00188
#3	.01747	.00086	.00132	.01093	-.00400	-.00173	-.00179
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00142	.00613	.00459	48.811	4.5864	35.712	6.6042
SDev	.00398	.00173	.00634	.953	.0814	.660	.1082
%RSD	280.53	28.253	138.03	1.9517	1.7748	1.8490	1.6391
#1	.00315	.00459	.01191	49.911	4.6797	36.474	6.7290
#2	-.00415	.00579	.00105	48.230	4.5300	35.312	6.5353
#3	-.00325	.00800	.00082	48.293	4.5495	35.350	6.5483
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	143.42	-.00034	-.00071	6.9659	.00127	-.00198	.00048
SDev	1.57	.00094	.00097	.1261	.00270	.00056	.00256
%RSD	1.0918	276.10	136.89	1.8103	212.54	28.490	531.76
#1	145.21	-.00067	.00040	7.1115	.00047	-.00154	.00011
#2	142.33	.00072	-.00143	6.8966	-.00094	-.00179	.00321
#3	142.71	-.00107	-.00110	6.8897	.00428	-.00262	-.00187
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00757	.00132
SDev	.00151	.00628
%RSD	19.910	475.47
#1	-.00802	.00839
#2	-.00589	-.00362
#3	-.00880	-.00081
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36072	--	--	--	--	--	--
SDev	609.0146	--	--	--	--	--	--
%RSD	1.688343	--	--	--	--	--	--
#1	35370	--	--	--	--	--	--
#2	36457	--	--	--	--	--	--
#3	36389	--	--	--	--	--	--

Method: EPA3 Sample Name: N74586-4F Operator:
Run Time: 08/17/04 02:11:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09993	.00019	.00042	.00023	.00044	-.00038	.33604
SDev	.00246	.00001	.00007	.00035	.00061	.00027	.00805
%RSD	2.4594	6.2209	15.793	151.36	138.48	71.046	2.3958
#1	.09745	.00020	.00037	.00048	.00057	-.00059	.32747
#2	.10236	.00018	.00049	-.00017	.00098	-.00008	.34344
#3	.09998	.00019	.00039	.00039	-.00022	-.00047	.33721
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00399	-.00015	.00075	.00561	-.00492	-.00737	.00165
SDev	.00112	.00051	.00048	.00021	.00032	.00777	.00193
%RSD	27.988	346.63	64.391	3.7152	6.5767	105.43	116.90
#1	.00457	-.00008	.00074	.00585	-.00482	-.00187	.00012
#2	.00270	-.00068	.00027	.00545	L-.00528	-.00399	.00101
#3	.00469	.00032	.00123	.00554	-.00465	L-.01626	.00381
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00296	.00411	.02264	25.383	.01683	17.393	3.3040
SDev	.00155	.00190	.00356	.623	.00266	.439	.0941
%RSD	52.309	46.178	15.716	2.4547	15.808	2.5253	2.8483
#1	.00415	.00571	.02111	24.714	.01676	16.925	3.2045
#2	.00121	.00201	.02011	25.948	.01421	17.797	3.3916
#3	.00353	.00460	.02671	25.487	.01952	17.456	3.3158
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	86.639	.00050	-.00032	3.1123	.00134	.00001	.00199
SDev	1.902	.00015	.00083	.0744	.00099	.00483	.00055
%RSD	2.1951	30.773	256.02	2.3915	73.387	36490.	27.691
#1	84.653	.00056	.00032	3.0331	.00131	-.00335	.00139
#2	88.444	.00062	-.00125	3.1808	.00038	-.00217	.00212
#3	86.820	.00033	-.00004	3.1229	.00235	.00555	.00247
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00214	.00519
SDev	.00386	.00040
%RSD	180.61	7.6992
#1	.00086	.00548
#2	-.00649	.00474
#3	-.00078	.00536
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37721	--	--	--	--	--	--
SDev	658.8821	--	--	--	--	--	--
%RSD	1.746746	--	--	--	--	--	--
#1	38450	--	--	--	--	--	--
#2	37170	--	--	--	--	--	--
#3	37542	--	--	--	--	--	--

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Method: EPA3 Sample Name: N74586-5F Operator:
Run Time: 08/17/04 02:18:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24291	.00003	.00005	-.00016	.00047	.00065	.07286
SDev	.00141	.00001	.00015	.00012	.00022	.00014	.00031
%RSD	.58016	36.662	290.45	72.768	47.799	21.361	.42836
#1	.24203	.00004	.00021	-.00028	.00067	.00049	.07318
#2	.24218	.00003	.00005	-.00016	.00050	.00070	.07285
#3	.24454	.00002	-.00010	-.00004	.00023	.00075	.07256
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00039	-.00053	.00076	.00124	.00147	-.00924	-.00022
SDev	.00129	.00046	.00025	.00037	.00342	.00686	.00062
%RSD	328.50	85.625	32.848	29.700	232.86	74.171	286.50
#1	-.00011	-.00095	.00049	.00166	.00195	-.00480	.00036
#2	.00073	-.00060	.00098	.00106	.00463	-.00579	-.00088
#3	-.00179	-.00005	.00082	.00099	-.00217	L-.01714	-.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00090	.00175	.01592	87.943	.13542	30.018	7.9129
SDev	.00168	.00121	.00175	.679	.00604	.086	.0333
%RSD	186.54	69.281	10.993	.77255	4.4622	.28560	.42137
#1	.00156	.00039	.01519	88.324	.13692	30.070	7.8910
#2	-.00101	.00214	.01466	88.345	.12878	30.066	7.8965
#3	.00216	.00271	.01792	87.158	.14058	29.919	7.9513
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	127.55	.00116	-.00052	2.5308	.00189	-.00314	.00077
SDev	.64	.00024	.00073	.0038	.00115	.00285	.00092
%RSD	.50184	20.977	139.46	.14829	61.096	90.655	118.09
#1	127.07	.00090	.00022	2.5344	.00226	.00015	-.00003
#2	127.32	.00120	-.00054	2.5311	.00281	-.00479	.00058
#3	128.28	.00138	-.00125	2.5269	.00059	-.00478	.00177
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

1803

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00514	.00359
SDev	.00067	.00241
%RSD	12.986	67.125
#1	-.00571	.00486
#2	-.00531	.00081
#3	-.00441	.00511
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36249	--	--	--	--	--	--
SDev	226.0860	--	--	--	--	--	--
%RSD	.6237062	--	--	--	--	--	--
#1	36242	--	--	--	--	--	--
#2	36478	--	--	--	--	--	--
#3	36026	--	--	--	--	--	--

Analysis Report QC Standard 08/17/04 02:34:06 AM page 1

Method: EPA3 Sample Name: CCV Operator:
Run Time: 08/17/04 02:26:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0258	2.0657	2.0123	2.0180	2.0407	2.0148	2.0268
SDev	.0036	.0005	.0010	.0011	.0027	.0050	.0020
%RSD	.17646	.02436	.04785	.05424	.13461	.24793	.09629
#1	2.0219	2.0651	2.0117	2.0182	2.0435	2.0099	2.0274
#2	2.0266	2.0660	2.0134	2.0189	2.0404	2.0199	2.0285
#3	2.0289	2.0660	2.0119	2.0168	2.0381	2.0145	2.0247
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0264	.25887	2.0591	2.0054	2.0270	2.0084	2.0239
SDev	.0034	.00053	.0041	.0019	.0056	.0060	.0110
%RSD	.16791	.20478	.19800	.09557	.27654	.29995	.54374
#1	2.0252	.25873	2.0587	2.0076	2.0276	2.0025	2.0365
#2	2.0302	.25842	2.0633	2.0041	2.0322	2.0083	2.0190
#3	2.0238	.25946	2.0552	2.0045	2.0211	2.0145	2.0161
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	.25000	2.0000	2.0000	2.0000	2.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0610	2.0222	40.718	40.634	41.521	41.447	40.628
SDev	.0078	.0037	.048	.043	.052	.026	.034
%RSD	.37927	.18533	.11685	.10640	.12529	.06208	.08322
#1	2.0688	2.0256	40.682	40.680	41.530	41.421	40.607
#2	2.0611	2.0182	40.772	40.627	41.568	41.472	40.610
#3	2.0531	2.0230	40.700	40.594	41.465	41.447	40.667
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	2.0000	40.000	40.000	40.000	40.000	40.000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	41.121	2.0479	1.9911	5.2266	2.0590	2.0286	2.0211
SDev	.104	.0057	.0035	.0047	.0104	.0130	.0101
%RSD	.25222	.28075	.17549	.08930	.50533	.63851	.49864
#1	41.088	2.0427	1.9871	5.2319	2.0472	2.0435	2.0326
#2	41.037	2.0541	1.9933	5.2245	2.0633	2.0227	2.0167
#3	41.237	2.0470	1.9929	5.2233	2.0667	2.0197	2.0139
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

1805

Value	40.000	2.0000	2.0000	5.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	2.0589	2.0617
SDev	.0079	.0082
%RSD	.38476	.39929
#1	2.0680	2.0688
#2	2.0554	2.0636
#3	2.0534	2.0527
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36809	--	--	--	--	--	--
SDev	75.79376	--	--	--	--	--	--
%RSD	.2059091	--	--	--	--	--	--
#1	36742	--	--	--	--	--	--
#2	36891	--	--	--	--	--	--
#3	36795	--	--	--	--	--	--

Analysis Report QC Standard 08/17/04 02:41:44 AM page 1

Method: EPA3 Sample Name: CCB Operator:
Run Time: 08/17/04 02:34:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00011	Q.00063	.00056	.00044	.00042	.00027	.00066
SDev	.00021	.00014	.00033	.00125	.00037	.00029	.00014
%RSD	203.01	22.447	59.118	284.45	89.434	107.42	21.622
#1	-.00013	Q.00055	.00047	-.00017	.00052	-.00005	.00063
#2	.00030	Q.00079	Q.00093	.00188	.00072	.00052	.00082
#3	.00015	Q.00053	.00029	-.00039	.00000	.00033	.00054
Errors	QC Pass	QC Fail	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.02000	.00050	.00090	.00500	.00240	.00270	.00150

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00031	.00042	.00109	-.00024	-.00261	.00132	-.00102
SDev	.00157	.00041	.00017	.00023	.00156	.00460	.00184
%RSD	509.90	96.851	15.384	98.289	60.004	349.10	179.80
#1	-.00014	-.00005	.00092	-.00005	-.00269	.00238	-.00261
#2	.00206	.00064	.00109	-.00016	-.00100	-.00372	.00099
#3	-.00099	.00067	.00126	-.00049	-.00413	.00530	-.00146
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.00400	.00210	.00500	.00270	.00500	.01000	.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00238	-.00134	-.00942	-.00646	.01239	.01221	-.15578
SDev	.00176	.00363	.00250	.00400	.01184	.00419	.00931
%RSD	73.760	271.49	26.576	61.903	95.546	34.333	5.9779
#1	-.00439	-.00409	-.01151	-.00826	.00193	.00872	-.16374
#2	-.00110	.00277	-.00665	-.00188	.02523	.01685	-.14554
#3	-.00166	-.00269	-.01010	-.00925	.00999	.01104	-.15807
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.00500	.00500	.02970	.50000	.05520	.50000	.50000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.27141	.00251	.00083	-.00973	.00592	-.00007	-.00196
SDev	.19049	.00122	.00093	.00205	.00250	.00440	.00221
%RSD	70.185	48.701	112.22	21.093	42.296	6483.3	112.47
#1	-.41170	.00226	-.00008	-.01186	.00316	.00014	-.00447
#2	-.05455	Q.00384	.00178	-.00958	Q.00805	.00422	-.00111
#3	-.34798	.00143	.00079	-.00776	.00653	-.00457	-.00031
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

Value	.00000	.00000	.00000	.00000	.00000
Range	.50940	.00300	.08100	.02300	.00690

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00007	-.00387
SDev	.00269	.00177
%RSD	3809.2	45.837
#1	-.00281	-.00550
#2	.00002	-.00198
#3	.00257	-.00411
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36775	--	--	--	--	--	--
SDev	100.3919	--	--	--	--	--	--
%RSD	.2729882	--	--	--	--	--	--
#1	36852	--	--	--	--	--	--
#2	36812	--	--	--	--	--	--
#3	36662	--	--	--	--	--	--

Analysis Report 08/17/04 02:49:20 AM page 1

Method: EPA3 Sample Name: N74586-7F Operator:
Run Time: 08/17/04 02:41:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13465	.00070	.00020	.00100	.00037	.00041	.47414
SDev	.00168	.00004	.00043	.00010	.00033	.00028	.00264
%RSD	1.2468	5.2911	214.66	10.221	88.849	68.569	.55737
#1	.13290	.00074	-.00023	.00100	.00023	.00011	.47223
#2	.13481	.00068	.00021	.00090	.00074	.00067	.47715
#3	.13624	.00067	.00063	.00110	.00013	.00044	.47302
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00677	-.00001	-.00055	.00792	-.00182	-.00844	.00214
SDev	.00081	.00034	.00217	.00035	.00681	.01094	.00126
%RSD	11.902	4058.5	397.93	4.4556	373.35	129.50	58.872
#1	.00702	.00030	.00044	.00811	.00097	L-.01071	.00214
#2	.00587	.00005	.00096	.00751	L-.00958	.00345	.00339
#3	.00743	-.00038	-.00304	.00814	.00314	L-.01807	.00088
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00136	.00504	.05827	34.194	.02047	25.121	5.4411
SDev	.00377	.00071	.00206	.261	.00302	.128	.0578
%RSD	277.85	14.128	3.5422	.76358	14.743	.51017	1.0614
#1	L-.00570	.00422	.05610	34.144	.01705	25.012	5.3759
#2	.00046	.00551	.06021	34.476	.02278	25.262	5.4618
#3	.00116	.00540	.05851	33.961	.02157	25.089	5.4857
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	74.252	-.00069	-.00083	8.5552	-.00244	-.00569	.00558
SDev	.894	.00189	.00092	.0487	.00424	.01625	.00663
%RSD	1.2044	274.51	110.90	.56908	173.58	285.81	118.83
#1	73.265	.00004	-.00080	8.4994	.00097	.00395	.00074
#2	74.483	.00073	.00007	8.5892	-.00110	.00344	.00286
#3	75.008	-.00284	-.00177	8.5770	-.00719	-.02445	.01313
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.01411	.00468
SDev	.00708	.00680
%RSD	50.208	145.20
#1	-.01454	-.00161
#2	-.00682	.00376
#3	-.02097	.01190
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36014	--	--	--	--	--	--
SDev	329.5100	--	--	--	--	--	--
%RSD	.9149600	--	--	--	--	--	--
#1	36045	--	--	--	--	--	--
#2	35670	--	--	--	--	--	--
#3	36326	--	--	--	--	--	--

Method: EPA3 Sample Name: N74586-8F Operator:
Run Time: 08/17/04 02:49:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08771	.00002	-.00042	.00404	.00128	.00069	11.340
SDev	.00078	.00002	.00040	.00045	.00040	.00023	.079
%RSD	.89006	87.555	94.645	11.171	31.303	32.780	.69383
#1	.08840	.00000	-.00080	.00440	.00083	.00095	11.399
#2	.08686	.00004	-.00001	.00418	.00161	.00059	11.251
#3	.08788	.00002	-.00045	.00353	.00139	.00053	11.369
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00068	.00079	.00060	.00250	-.00110	-.00417	-.00107
SDev	.00060	.00035	.00043	.00004	.00222	.00390	.00075
%RSD	88.732	44.697	71.251	1.6220	202.28	93.535	69.858
#1	.00130	.00086	.00099	.00247	-.00308	-.00746	-.00021
#2	.00010	.00041	.00014	.00255	-.00151	-.00518	-.00151
#3	.00062	.00110	.00066	.00248	.00130	.00014	-.00150
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00101	.00434	-.00160	37.242	3.6775	22.809	2.3800
SDev	.00266	.00069	.00198	.277	.0404	.159	.0358
%RSD	263.39	15.820	123.43	.74498	1.0973	.69792	1.5023
#1	.00205	.00499	.00068	37.438	3.7026	22.930	2.4134
#2	-.00235	.00440	-.00273	36.925	3.6310	22.628	2.3423
#3	-.00273	.00362	-.00276	37.364	3.6989	22.867	2.3844
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	131.16	.00105	-.00039	7.0669	.00088	-.00090	-.00166
SDev	.72	.00067	.00099	.0503	.00274	.00163	.00189
%RSD	.55198	63.728	250.71	.71140	311.68	180.26	114.17
#1	131.71	.00085	.00063	7.1060	.00160	-.00263	.00050
#2	130.34	.00180	-.00133	7.0102	-.00215	-.00067	-.00243
#3	131.44	.00050	-.00047	7.0846	.00319	.00060	-.00305
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00299	-.00035
SDev	.00212	.00299
%RSD	71.028	841.79
#1	-.00060	.00304
#2	-.00466	-.00152
#3	-.00370	-.00258
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35891	--	--	--	--	--	--
SDev	376.0343	--	--	--	--	--	--
%RSD	1.047698	--	--	--	--	--	--
#1	35518	--	--	--	--	--	--
#2	36270	--	--	--	--	--	--
#3	35886	--	--	--	--	--	--

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Method: EPA3 Sample Name: N74586-9F Operator:
Run Time: 08/17/04 02:57:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05853	-.00000	-.00020	.00237	.00037	.00072	7.6517
SDev	.00032	.00002	.00019	.00034	.00020	.00027	.0260
%RSD	.54569	1021.0	92.179	14.268	53.677	37.625	.34040
#1	.05872	.00001	-.00014	.00258	.00045	.00103	7.6795
#2	.05870	.00001	-.00005	.00198	.00052	.00062	7.6479
#3	.05816	-.00003	-.00041	.00255	.00015	.00052	7.6278
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00011	.00043	.00111	.00089	-.00426	-.00974	.00118
SDev	.00088	.00022	.00010	.00024	.00191	.00591	.00296
%RSD	828.86	52.076	8.8620	26.795	44.807	60.708	251.43
#1	.00007	.00064	.00123	.00116	-.00328	-.00955	-.00186
#2	.00100	.00044	.00106	.00079	L-.00645	-.00393	.00133
#3	-.00075	.00020	.00106	.00072	-.00303	L-.01575	.00406
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00108	.00129	.01454	56.263	2.0878	29.223	8.9734
SDev	.00137	.00415	.00120	.198	.0011	.090	.0431
%RSD	126.74	320.78	8.2884	.35120	.05074	.30806	.48081
#1	.00255	.00310	.01324	56.479	2.0878	29.322	9.0185
#2	.00085	.00423	.01561	56.219	2.0867	29.204	8.9691
#3	-.00016	-.00345	.01477	56.091	2.0888	29.145	8.9325
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	78.469	-.00083	-.00059	5.0430	.00083	.00122	.00065
SDev	.227	.00091	.00067	.0197	.00128	.00555	.00198
%RSD	.28941	109.80	113.28	.38975	153.75	454.75	302.60
#1	78.645	-.00187	.00007	5.0648	-.00064	-.00333	-.00163
#2	78.549	-.00021	-.00126	5.0375	.00143	-.00042	.00171
#3	78.213	-.00041	-.00058	5.0266	.00171	.00741	.00188
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00407	.00332
SDev	.00184	.00211
%RSD	45.095	63.489
#1	-.00298	.00498
#2	-.00619	.00404
#3	-.00304	.00095
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35852	--	--	--	--	--	--
SDev	204.2243	--	--	--	--	--	--
%RSD	.5696314	--	--	--	--	--	--
#1	35639	--	--	--	--	--	--
#2	35870	--	--	--	--	--	--
#3	36046	--	--	--	--	--	--

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Method: EPA3 Sample Name: N74833-2F Operator:
Run Time: 08/17/04 03:04:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00016	-.00003	-.00035	-.00005	.00034	-.00032	.00216
SDev	.00006	.00003	.00003	.00030	.00046	.00010	.00029
%RSD	41.597	98.589	9.8644	603.54	135.93	32.497	13.253
#1	-.00012	.00000	-.00031	.00018	-.00019	-.00037	.00241
#2	-.00023	-.00005	-.00038	.00006	.00065	-.00020	.00220
#3	-.00012	-.00005	-.00036	-.00039	.00055	-.00038	.00185
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00082	-.00059	.00093	.00504	.00076	-.00451	-.00086
SDev	.00078	.00069	.00017	.00032	.00147	.00426	.00039
%RSD	95.977	116.23	18.094	6.4187	192.81	94.474	45.108
#1	-.00072	-.00133	.00110	.00539	-.00036	.00010	-.00044
#2	-.00165	-.00050	.00076	.00476	.00022	-.00831	-.00092
#3	-.00009	.00004	.00092	.00498	.00243	-.00532	-.00121
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00010	.00233	-.00819	.07009	.01047	.01129	-.09094
SDev	.00101	.00491	.00190	.00231	.00557	.00377	.00699
%RSD	982.52	210.80	23.156	3.2956	53.205	33.387	7.6901
#1	.00043	.00210	-.00617	.07251	.00721	.00824	-.08311
#2	.00054	-.00246	-.00993	.06987	.00729	.01551	-.09316
#3	-.00127	.00735	-.00847	.06790	.01690	.01014	-.09656
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.42929	.00035	-.00123	.02127	.00190	-.00227	-.00064
SDev	.20293	.00086	.00015	.00247	.00162	.00247	.00181
%RSD	47.271	244.01	12.468	11.598	85.335	109.19	280.32
#1	.19996	.00001	-.00133	.02400	.00318	-.00506	.00137
#2	.50232	-.00029	-.00130	.02060	.00008	-.00137	-.00119
#3	.58561	.00133	-.00105	.01920	.00244	-.00036	-.00211
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00348	.00126
SDev	.00425	.00081
%RSD	122.33	64.900
#1	-.00267	.00164
#2	.00031	.00032
#3	-.00807	.00181
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36632	--	--	--	--	--	--
SDev	330.0777	--	--	--	--	--	--
%RSD	.9010572	--	--	--	--	--	--
#1	36306	--	--	--	--	--	--
#2	36624	--	--	--	--	--	--
#3	36966	--	--	--	--	--	--

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Method: EPA3 Sample Name: N74833-8F Operator:
Run Time: 08/17/04 03:12:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52594	-.00001	.00060	.00566	.00271	.00021	21.073
SDev	.00632	.00003	.00021	.00103	.00032	.00035	.288
%RSD	1.2022	333.65	35.105	18.144	11.797	165.58	1.3672
#1	.52061	-.00004	.00038	.00448	.00243	.00003	20.951
#2	.53293	.00002	.00080	.00631	.00306	.00062	21.402
#3	.52428	-.00001	.00063	.00620	.00263	-.00001	20.866
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00185	.00178	.00260	.00596	-.00288	L-.01391	.00898
SDev	.00105	.00053	.00034	.00010	.00179	.00732	.00060
%RSD	56.745	29.761	13.249	1.5859	62.191	52.646	6.6865
#1	.00257	.00117	.00286	.00605	-.00243	L-.01481	.00961
#2	.00064	.00207	.00221	.00596	-.00136	-.00618	.00841
#3	.00233	.00210	.00273	.00586	-.00486	L-.02074	.00892
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00197	.00190	.01282	130.55	70.944	72.557	7.2443
SDev	.00338	.00106	.00492	2.03	1.010	.934	.0896
%RSD	172.19	55.856	38.391	1.5582	1.4240	1.2878	1.2374
#1	-.00111	.00257	.00716	129.91	70.385	72.052	7.1718
#2	.00091	.00245	.01524	132.82	72.111	73.635	7.3445
#3	L-.00569	.00068	.01608	128.90	70.337	71.984	7.2167
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	441.20	-.00081	-.00172	8.2521	.00117	.01165	.00720
SDev	4.13	.00042	.00126	.1118	.00279	.00437	.00278
%RSD	.93544	52.131	73.599	1.3552	239.23	37.494	38.604
#1	437.39	-.00053	-.00245	8.1798	-.00142	.00727	.01028
#2	445.58	-.00130	-.00026	8.3809	.00413	.01167	.00645
#3	440.65	-.00060	-.00244	8.1956	.00079	.01601	.00487
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00726	.00036
SDev	.00207	.00430
%RSD	28.533	1182.0
#1	-.00547	.00073
#2	-.00679	.00447
#3	-.00953	-.00411
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36102	--	--	--	--	--	--
SDev	278.6163	--	--	--	--	--	--
%RSD	.7717562	--	--	--	--	--	--
#1	36226	--	--	--	--	--	--
#2	35782	--	--	--	--	--	--
#3	36296	--	--	--	--	--	--

Method: EPA3 Sample Name: N74835-2F Operator:
Run Time: 08/17/04 03:19:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00177	-.00002	-.00003	-.00024	.00046	.00014	.00544
SDev	.00007	.00001	.00031	.00018	.00030	.00029	.00114
%RSD	3.8146	38.695	1012.1	74.618	65.821	204.61	21.012
#1	.00185	-.00001	-.00037	-.00004	.00081	.00002	.00660
#2	.00173	-.00001	.00023	-.00039	.00035	-.00006	.00539
#3	.00174	-.00003	.00005	-.00028	.00023	.00047	.00432
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00017	-.00050	.00045	.00503	-.00395	-.00002	-.00054
SDev	.00059	.00030	.00045	.00038	.00236	.00439	.00218
%RSD	345.41	59.137	99.689	7.4411	59.872	26438.	399.11
#1	.00031	-.00034	.00078	.00547	L-.00599	.00423	.00114
#2	.00001	-.00032	.00062	.00482	-.00136	-.00454	-.00300
#3	-.00082	-.00084	-.00006	.00481	-.00450	.00026	.00022
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00095	.00478	.00324	.22264	.02418	.03766	-.08963
SDev	.00170	.00372	.00135	.00636	.00789	.00420	.00267
%RSD	178.28	77.874	41.650	2.8582	32.636	11.156	2.9802
#1	-.00056	.00555	.00358	.22910	.02556	.04143	-.09189
#2	-.00281	.00073	.00176	.22246	.03129	.03841	-.08669
#3	.00052	.00805	.00439	.21637	.01569	.03313	-.09032
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47122	.00124	-.00106	.01695	.00081	-.00056	-.00104
SDev	.14372	.00045	.00110	.00313	.00254	.00409	.00162
%RSD	30.501	36.586	103.54	18.486	313.99	735.12	155.60
#1	.31698	.00176	.00020	.02048	-.00071	.00094	.00075
#2	.60139	.00107	-.00159	.01449	.00374	-.00518	-.00241
#3	.49529	.00090	-.00180	.01587	-.00061	.00257	-.00145
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00562	.00105
SDev	.00410	.00157
%RSD	72.998	149.93
#1	-.00202	-.00017
#2	-.01009	.00049
#3	-.00475	.00282
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35994	--	--	--	--	--	--
SDev	36.31238	--	--	--	--	--	--
%RSD	.1008849	--	--	--	--	--	--
#1	35962	--	--	--	--	--	--
#2	35986	--	--	--	--	--	--
#3	36034	--	--	--	--	--	--

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Method: EPA3 Sample Name: N74835-3F Operator:
Run Time: 08/17/04 03:27:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.30526	-.00002	-.00027	.00003	-.00036	.00985	.31871
SDev	.00087	.00003	.00039	.00018	.00033	.00032	.00093
%RSD	.28477	101.19	146.47	606.94	93.769	3.2077	.29047
#1	.30481	.00000	-.00047	.00007	.00001	.00996	.31774
#2	.30471	-.00005	.00018	-.00016	-.00064	.01010	.31879
#3	.30627	-.00003	-.00051	.00018	-.00044	.00950	.31959
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00010	-.00040	.00245	.01890	.00157	-.00146	.00176
SDev	.00137	.00046	.00029	.00030	.00365	.00422	.00048
%RSD	1351.9	115.27	11.761	1.5889	232.53	288.49	27.259
#1	.00030	-.00010	.00278	.01881	.00422	-.00596	.00153
#2	.00102	-.00017	.00228	.01865	-.00260	.00239	.00144
#3	-.00163	-.00094	.00229	.01923	.00309	-.00081	.00231
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00038	.00364	-.00797	112.99	.09772	23.266	.51976
SDev	.00286	.00190	.00134	.54	.00795	.091	.00017
%RSD	748.80	52.362	16.796	.47511	8.1399	.39278	.03328
#1	-.00083	.00363	-.00678	112.44	.09394	23.161	.51956
#2	-.00300	.00555	-.00771	113.03	.09235	23.308	.51989
#3	.00268	.00174	-.00942	113.51	.10686	23.328	.51982
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.601	.00189	-.00043	7.4416	-.00018	-.00140	.00285
SDev	.174	.00105	.00022	.0257	.00196	.00369	.00117
%RSD	.68095	55.824	51.566	.34490	1087.9	264.54	41.038
#1	25.448	.00229	-.00066	7.4199	-.00232	-.00204	.00283
#2	25.563	.00069	-.00021	7.4350	.00153	-.00472	.00403
#3	25.791	.00269	-.00043	7.4700	.00025	.00258	.00169
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00635	.00227
SDev	.00257	.00402
%RSD	40.443	176.98
#1	-.00375	.00030
#2	-.00888	-.00038
#3	-.00641	.00690
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36472	--	--	--	--	--	--
SDev	45.99349	--	--	--	--	--	--
%RSD	.1261072	--	--	--	--	--	--
#1	36420	--	--	--	--	--	--
#2	36508	--	--	--	--	--	--
#3	36487	--	--	--	--	--	--

Method: EPA3 Sample Name: N74835-7F Operator:
Run Time: 08/17/04 03:35:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05705	-.00003	-.00034	.00081	.00026	.00165	.46010
SDev	.00031	.00003	.00022	.00017	.00017	.00034	.00222
%RSD	.54721	106.25	63.471	21.554	65.843	20.466	.48263
#1	.05679	-.00002	-.00058	.00085	.00007	.00130	.45754
#2	.05740	-.00006	-.00028	.00097	.00040	.00168	.46138
#3	.05696	-.00001	-.00016	.00062	.00031	.00198	.46138
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00061	.00004	.00125	.00376	.00010	-.00913	.00231
SDev	.00021	.00003	.00032	.00034	.00232	.00136	.00033
%RSD	34.212	84.015	25.996	9.1362	2372.9	14.881	14.457
#1	-.00069	.00006	.00124	.00388	.00273	-.00783	.00194
#2	-.00037	.00006	.00092	.00402	-.00163	L-.01054	.00258
#3	-.00077	.00000	.00157	.00337	-.00080	-.00903	.00241
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00041	.00081	.00424	237.44	.01458	55.299	.73631
SDev	.00117	.00078	.00318	1.32	.00438	.274	.01111
%RSD	282.62	96.929	75.120	.55391	30.023	.49555	1.5082
#1	-.00042	-.00006	.00426	235.94	.01275	54.983	.72645
#2	-.00158	.00103	.00740	238.39	.01141	55.458	.74834
#3	.00076	.00146	.00104	238.00	.01957	55.457	.73414
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	190.45	.00086	-.00065	6.2011	.00139	.00034	.00281
SDev	1.10	.00086	.00034	.0323	.00161	.00237	.00081
%RSD	.57556	100.07	53.154	.52016	115.63	704.17	28.929
#1	189.19	.00152	-.00104	6.1642	.00046	-.00225	.00354
#2	191.01	-.00011	-.00040	6.2239	.00325	.00086	.00295
#3	191.16	.00116	-.00050	6.2153	.00046	.00240	.00194
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00411	.00111
SDev	.00510	.00353
%RSD	124.29	318.92
#1	-.00968	.00389
#2	.00033	-.00287
#3	-.00297	.00230
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37051	--	--	--	--	--	--
SDev	109.0042	--	--	--	--	--	--
%RSD	.2941967	--	--	--	--	--	--
#1	37114	--	--	--	--	--	--
#2	36926	--	--	--	--	--	--
#3	37114	--	--	--	--	--	--

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Method: EPA3 Sample Name: N74835-10F Operator:
Run Time: 08/17/04 03:42:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04512	.00005	-.00022	.00031	.00063	.00506	.09179
SDev	.00024	.00003	.00013	.00020	.00044	.00053	.00043
%RSD	.53633	46.429	61.006	65.231	69.968	10.401	.47323
#1	.04502	.00007	-.00015	.00043	.00035	.00558	.09181
#2	.04494	.00007	-.00013	.00042	.00113	.00509	.09134
#3	.04539	.00003	-.00037	.00008	.00040	.00452	.09221
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00405	-.00037	.00127	.00679	-.00353	-.00482	.00108
SDev	.00165	.00026	.00050	.00029	.00270	.00451	.00056
%RSD	40.790	68.529	39.699	4.2122	76.359	93.528	51.573
#1	.00592	-.00045	.00178	.00711	-.00182	-.00895	.00172
#2	.00282	-.00009	.00126	.00669	L-.00664	-.00001	.00079
#3	.00340	-.00058	.00077	.00656	-.00214	-.00550	.00072
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00015	.00020	.57100	292.39	.46620	102.35	54.013
SDev	.00156	.00253	.00306	1.44	.00966	.47	.362
%RSD	1013.9	1269.4	.53545	.49366	2.0714	.45784	.66935
#1	.00163	-.00122	.57059	292.62	.47358	102.43	53.952
#2	-.00148	.00312	.56818	290.84	.45527	101.84	53.686
#3	.00031	-.00130	.57425	293.70	.46974	102.77	54.401
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	673.20	.00649	-.00006	6.5635	.00358	-.00129	.00177
SDev	3.40	.00104	.00127	.0373	.00247	.00301	.00148
%RSD	.50493	16.091	2072.1	.56888	68.915	234.04	83.740
#1	672.69	.00687	.00010	6.5684	.00078	-.00043	.00230
#2	670.08	.00530	.00112	6.5240	.00453	.00120	.00010
#3	H676.83	.00728	-.00140	6.5982	.00543	-.00464	.00291
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00442	.00211
SDev	.00258	.00218
%RSD	58.282	102.93
#1	-.00501	.00462
#2	-.00666	.00078
#3	-.00160	.00093
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36534	--	--	--	--	--	--
SDev	303.4160	--	--	--	--	--	--
%RSD	.8305062	--	--	--	--	--	--
#1	36184	--	--	--	--	--	--
#2	36693	--	--	--	--	--	--
#3	36725	--	--	--	--	--	--

Method: EPA3 Sample Name: N74835-11F Operator:
Run Time: 08/17/04 03:50:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07822	.00002	-.00031	.00171	.00350	.01124	4.3688
SDev	.00096	.00004	.00019	.00075	.00062	.00034	.0447
%RSD	1.2272	202.54	60.390	43.895	17.798	3.0306	1.0221
#1	.07927	.00004	-.00016	.00090	.00284	.01105	4.4188
#2	.07738	.00004	-.00026	.00239	.00359	.01103	4.3330
#3	.07801	-.00003	-.00052	.00182	.00407	.01163	4.3545
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00594	-.00006	.00124	.01641	.00241	-.00598	.00246
SDev	.00084	.00018	.00079	.00025	.00087	.00211	.00040
%RSD	14.220	297.52	63.309	1.5026	35.943	35.311	16.203
#1	.00630	-.00027	.00216	.01668	.00145	-.00800	.00291
#2	.00497	.00005	.00079	.01619	.00314	-.00617	.00214
#3	.00654	.00004	.00079	.01636	.00263	-.00378	.00234
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00193	.00233	.01428	458.02	.03754	72.861	8.9509
SDev	.00161	.00253	.00435	5.13	.00543	.787	.1074
%RSD	83.307	108.59	30.440	1.1198	14.458	1.0802	1.1999
#1	-.00056	.00032	.01930	463.75	.04010	73.736	9.0653
#2	-.00154	.00150	.01156	453.86	.04121	72.211	8.8523
#3	-.00370	.00517	.01200	456.46	.03131	72.635	8.9350
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	366.82	.00266	-.00044	6.4015	.00217	-.00213	.00425
SDev	3.38	.00114	.00075	.0702	.00178	.00405	.00161
%RSD	.92053	42.879	168.06	1.0966	81.714	190.63	37.922
#1	370.36	.00385	-.00129	6.4807	.00423	.00210	.00280
#2	363.63	.00158	.00010	6.3470	.00115	-.00251	.00397
#3	366.47	.00255	-.00014	6.3768	.00114	-.00598	.00591
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00291	-.00178
SDev	.00618	.00103
%RSD	212.32	57.964
#1	.00350	-.00293
#2	-.00341	-.00093
#3	-.00882	-.00148
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35863	--	--	--	--	--	--
SDev	306.1298	--	--	--	--	--	--
%RSD	.8536106	--	--	--	--	--	--
#1	35532	--	--	--	--	--	--
#2	36136	--	--	--	--	--	--
#3	35921	--	--	--	--	--	--

Method: EPA3 Sample Name: CCV Operator:
Run Time: 08/17/04 03:57:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9896	2.0214	1.9757	1.9695	1.9964	1.9764	1.9811
SDev	.0029	.0023	.0039	.0017	.0014	.0019	.0015
%RSD	.14438	.11463	.19904	.08453	.07237	.09739	.07382
#1	1.9883	2.0187	1.9753	1.9688	1.9960	1.9780	1.9799
#2	1.9877	2.0227	1.9720	1.9683	1.9951	1.9742	1.9808
#3	1.9929	2.0228	1.9798	1.9714	1.9979	1.9770	1.9827
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9858	.25304	2.0307	1.9669	2.0009	1.9909	1.9825
SDev	.0059	.00046	.0019	.0023	.0018	.0129	.0020
%RSD	.29555	.18187	.09252	.11822	.09130	.64628	.09960
#1	1.9836	.25251	2.0293	1.9646	1.9989	1.9771	1.9833
#2	1.9814	.25326	2.0300	1.9671	2.0023	2.0025	1.9839
#3	1.9925	.25334	2.0329	1.9692	2.0017	1.9930	1.9802
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	.25000	2.0000	2.0000	2.0000	2.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0298	1.9818	40.069	39.741	40.792	40.770	39.853
SDev	.0029	.0040	.028	.002	.039	.008	.080
%RSD	.14436	.19972	.06939	.00403	.09659	.02034	.19955
#1	2.0274	1.9862	40.096	39.740	40.760	40.779	39.944
#2	2.0289	1.9804	40.041	39.740	40.836	40.770	39.794
#3	2.0331	1.9787	40.069	39.743	40.779	40.762	39.822
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	2.0000	40.000	40.000	40.000	40.000	40.000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	40.331	2.0125	1.9481	5.1262	2.0223	1.9865	1.9800
SDev	.061	.0019	.0026	.0026	.0053	.0078	.0053
%RSD	.15078	.09275	.13102	.05032	.25987	.39181	.26697
#1	40.400	2.0105	1.9510	5.1265	2.0164	1.9777	1.9857
#2	40.286	2.0142	1.9472	5.1286	2.0264	1.9925	1.9791
#3	40.306	2.0128	1.9461	5.1235	2.0241	1.9893	1.9752
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

Value	40.000	2.0000	2.0000	5.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	2.0204	2.0342
SDev	.0161	.0037
%RSD	.79694	.18230
#1	2.0059	2.0379
#2	2.0175	2.0343
#3	2.0378	2.0304
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37497	--	--	--	--	--	--
SDev	54.00049	--	--	--	--	--	--
%RSD	.1440146	--	--	--	--	--	--
#1	37442	--	--	--	--	--	--
#2	37497	--	--	--	--	--	--
#3	37550	--	--	--	--	--	--

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Method: EPA3 Sample Name: CCB Operator:
Run Time: 08/17/04 04:05:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00010	Q.00067	.00051	.00063	.00042	.00066	.00107
SDev	.00013	.00024	.00017	.00041	.00049	.00057	.00027
%RSD	135.33	35.528	33.638	65.379	117.22	87.180	25.477
#1	-.00005	.00048	.00036	.00075	.00081	.00082	.00092
#2	.00020	Q.00094	.00070	.00097	.00056	.00113	.00139
#3	.00013	Q.00060	.00048	.00017	-.00013	.00002	.00091
Errors	QC Pass	QC Fail	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.02000	.00050	.00090	.00500	.00240	.00270	.00150

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00050	.00052	.00098	-.00029	-.00279	-.00032	.00062
SDev	.00044	.00030	.00019	.00013	.00127	.00062	.00085
%RSD	88.700	58.967	19.189	45.558	45.426	192.52	136.62
#1	-.00025	.00016	.00109	-.00044	-.00214	-.00013	.00129
#2	-.00101	.00068	.00076	-.00028	-.00198	.00018	-.00033
#3	-.00024	.00070	.00108	-.00017	-.00425	-.00102	.00090
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.00400	.00210	.00500	.00270	.00500	.01000	.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00222	.00280	-.00045	.02115	.01094	.01857	-.18031
SDev	.00162	.00146	.00485	.00849	.00443	.00424	.01076
%RSD	72.807	52.253	1080.6	40.165	40.447	22.826	5.9691
#1	-.00402	.00343	-.00467	.02272	.00590	.01624	-.17296
#2	-.00175	.00385	.00484	.02874	.01417	.02346	-.17529
#3	-.00089	.00113	-.00152	.01197	.01276	.01600	-.19266
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.00500	.00500	.02970	.50000	.05520	.50000	.50000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.27754	.00251	.00083	-.00807	.00443	-.00043	.00065
SDev	.03982	.00068	.00031	.00156	.00063	.00290	.00041
%RSD	14.347	27.220	37.332	19.287	14.177	679.50	62.589
#1	-.32129	.00295	.00100	-.00744	.00444	.00112	.00088
#2	-.26790	.00287	.00101	-.00693	.00380	-.00377	.00090
#3	-.24342	.00173	.00047	-.00984	.00505	.00137	.00018
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

Value	.00000	.00000	.00000	.00000	.00000
Range	.50940	.00300	.08100	.02300	.00690

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00086	-.00323
SDev	.00379	.00137
%RSD	441.70	42.317
#1	-.00369	-.00451
#2	-.00233	-.00179
#3	.00345	-.00338
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36812	--	--	--	--	--	--
SDev	176.4550	--	--	--	--	--	--
%RSD	.4793443	--	--	--	--	--	--
#1	36633	--	--	--	--	--	--
#2	36817	--	--	--	--	--	--
#3	36986	--	--	--	--	--	--

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Method: EPA3 Sample Name: N74873-1F Operator:
Run Time: 08/17/04 04:13:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.30720	.00046	.00043	.08473	.00317	.00030	H23.300
SDev	.00061	.00007	.00007	.00011	.00025	.00021	.021
%RSD	.19784	15.543	17.381	.12452	7.8279	71.577	.08816
#1	.30716	.00052	.00050	.08481	.00329	.00054	H23.323
#2	.30783	.00047	.00043	.08461	.00288	.00024	H23.293
#3	.30661	.00038	.00035	.08477	.00333	.00012	H23.283
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03350	.00187	.00092	.05371	-.00091	-.00440	.00069
SDev	.00110	.00016	.00028	.00049	.00207	.00180	.00108
%RSD	3.2861	8.7141	31.098	.90827	228.93	40.971	156.42
#1	.03328	.00198	.00125	.05383	-.00207	-.00630	.00193
#2	.03470	.00195	.00075	.05413	.00149	-.00272	-.00002
#3	.03253	.00168	.00075	.05318	-.00213	-.00418	.00016
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00195	.00272	.06856	41.363	2.1461	28.329	16.583
SDev	.00178	.00519	.00313	.037	.0077	.022	.009
%RSD	90.899	191.09	4.5621	.08935	.36112	.07920	.05251
#1	-.00038	.00589	.06930	41.405	2.1549	28.328	16.582
#2	-.00160	.00553	.07125	41.349	2.1402	28.352	16.575
#3	-.00388	-.00327	.06513	41.335	2.1432	28.307	16.592
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	127.31	-.00103	-.00108	3.3292	.00250	-.00007	.00074
SDev	.40	.00106	.00022	.0034	.00255	.00245	.00091
%RSD	.31273	103.29	20.569	.10302	102.14	3599.2	123.03
#1	126.99	-.00045	-.00128	3.3330	.00398	.00239	.00137
#2	127.76	-.00226	-.00113	3.3284	.00396	-.00009	-.00031
#3	127.19	-.00038	-.00084	3.3263	-.00045	-.00250	.0011[illegible]
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

1833

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00540	-.00054
SDev	.00193	.00360
%RSD	35.780	663.86
#1	-.00731	.00275
#2	-.00544	.00000
#3	-.00345	-.00438
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37031	--	--	--	--	--	--
SDev	243.8154	--	--	--	--	--	--
%RSD	.6584007	--	--	--	--	--	--
#1	36882	--	--	--	--	--	--
#2	37313	--	--	--	--	--	--
#3	36900	--	--	--	--	--	--

Method: EPA3 Sample Name: N74586-FBCONF Operator:
Run Time: 08/17/04 04:20:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00111	.00003	.00002	.00010	.00079	.00048	.00407
SDev	.00015	.00002	.00004	.00026	.00029	.00020	.00064
%RSD	13.174	64.405	231.71	265.21	36.716	42.359	15.580
#1	.00109	.00001	-.00003	.00040	.00061	.00042	.00462
#2	.00098	.00004	.00006	-.00005	.00064	.00032	.00422
#3	.00127	.00002	.00003	-.00005	.00113	.00071	.00338
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00056	-.00023	.00071	.00030	.00046	-.00495	-.00191
SDev	.00071	.00076	.00050	.00011	.00415	.00299	.00282
%RSD	126.77	325.31	70.945	35.618	899.86	60.359	147.29
#1	.00019	-.00110	.00125	.00019	.00241	-.00262	L-.00411
#2	-.00065	.00008	.00027	.00041	-.00430	-.00832	-.00289
#3	-.00122	.00031	.00060	.00030	.00328	-.00390	.00126
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00011	.00394	-.00956	.01330	.00417	.00605	-.22487
SDev	.00253	.00443	.00209	.00163	.00551	.00499	.00411
%RSD	2274.1	112.24	21.843	12.255	132.32	82.484	1.8287
#1	.00272	.00196	-.00874	.01495	-.00087	.01180	-.22020
#2	-.00004	.00902	-.01194	.01325	.00331	.00354	-.22794
#3	-.00234	.00086	-.00801	.01169	.01006	.00282	-.22647
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44033	.00030	-.00038	.08463	.00005	-.00266	-.00202
SDev	.02785	.00149	.00051	.00282	.00241	.00303	.00283
%RSD	6.3250	498.64	134.53	3.3277	5035.0	113.96	140.47
#1	.40922	-.00126	-.00097	.08276	-.00238	-.00407	-.00463
#2	.46295	.00046	-.00008	.08326	.00244	-.00473	-.00241
#3	.44882	.00170	-.00009	.08787	.00008	.00082	.0009[illegible]
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00488	.00228
SDev	.00283	.00345
%RSD	57.912	151.31
#1	-.00500	.00625
#2	-.00199	.00060
#3	-.00764	-.00001
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36721	--	--	--	--	--	--
SDev	93.20146	--	--	--	--	--	--
%RSD	.2538092	--	--	--	--	--	--
#1	36628	--	--	--	--	--	--
#2	36814	--	--	--	--	--	--
#3	36721	--	--	--	--	--	--

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Method: EPA3 Sample Name: N74873-FBCONF Operator:
Run Time: 08/17/04 04:28:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00061	-.00001	-.00019	-.00044	.00010	.00004	.00133
SDev	.00012	.00001	.00031	.00037	.00007	.00034	.00028
%RSD	18.864	59.775	165.76	85.552	72.088	815.87	21.383
#1	.00047	-.00000	-.00039	-.00017	.00011	-.00034	.00161
#2	.00067	-.00002	.00017	-.00028	.00002	.00028	.00132
#3	.00067	-.00001	-.00035	-.00086	.00016	.00018	.00104
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00044	-.00023	.00066	-.00111	-.00116	-.00865	.00055
SDev	.00044	.00031	.00019	.00027	.00106	.00161	.00289
%RSD	101.50	136.64	28.750	24.156	92.010	18.595	524.46
#1	.00092	-.00056	.00076	-.00108	-.00228	-.00730	.00186
#2	.00036	.00004	.00044	-.00139	-.00017	-.00822	.00256
#3	.00004	-.00016	.00078	-.00086	-.00101	L-.01043	-.00276
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00121	.00006	-.01394	-.01745	.00861	-.00009	-.21514
SDev	.00486	.00017	.00349	.00056	.00639	.00073	.03357
%RSD	401.76	277.80	25.038	3.2080	74.181	824.05	15.603
#1	.00057	-.00010	-.01577	-.01752	.01416	-.00027	-.25277
#2	.00636	.00024	-.01613	-.01685	.01003	.00072	-.20437
#3	-.00330	.00005	-.00992	-.01797	.00163	-.00071	-.18828
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.40106	.00100	-.00062	.01030	-.00057	.00029	.00019
SDev	.03370	.00090	.00085	.00292	.00359	.00196	.00337
%RSD	8.4036	89.524	135.96	28.384	631.50	679.83	1799.4
#1	.38104	.00196	-.00148	.00708	-.00035	.00141	.00159
#2	.38216	.00018	.00021	.01280	.00291	.00144	.00263
#3	.43997	.00087	-.00059	.01102	-.00426	-.00198	-.00366
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

1837

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00592	.00445
SDev	.00747	.00359
%RSD	126.11	80.792
#1	-.00607	.00357
#2	.00162	.00840
#3	-.01332	.00137
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36311	--	--	--	--	--	--
SDev	644.0960	--	--	--	--	--	--
%RSD	1.773835	--	--	--	--	--	--
#1	37030	--	--	--	--	--	--
#2	36114	--	--	--	--	--	--
#3	35788	--	--	--	--	--	--

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Method: EPA3 Sample Name: MP26726-MB1CONF Operator:
Run Time: 08/17/04 04:35:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00587	.00002	-.00018	.00028	.00050	.00366	.00383
SDev	.00017	.00001	.00034	.00049	.00022	.00049	.00015
%RSD	2.9450	67.024	194.85	175.80	43.617	13.471	3.8625
#1	.00581	.00004	.00010	.00084	.00073	.00403	.00395
#2	.00607	.00001	-.00056	-.00006	.00049	.00386	.00387
#3	.00575	.00001	-.00007	.00005	.00029	.00310	.00366
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00154	-.00004	.00045	.00682	.00622	L-.01351	.00321
SDev	.00149	.00012	.00058	.00054	.00076	.00056	.00062
%RSD	96.438	328.02	127.92	7.9469	12.142	4.1419	19.256
#1	-.00312	.00010	-.00019	.00743	.00706	L-.01415	.00269
#2	-.00017	-.00010	.00094	.00661	.00600	L-.01310	.00389
#3	-.00134	-.00012	.00061	.00641	.00560	L-.01328	.00306
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00888	-.00284	.07483	.49108	.07868	.08425	-.23643
SDev	.00143	.00185	.00070	.00130	.00341	.00457	.00370
%RSD	16.139	65.117	.93597	.26510	4.3312	5.4240	1.5665
#1	.00915	-.00395	.07564	.49258	.07503	.08854	-.23255
#2	.01016	-.00387	.07435	.49027	.07922	.07944	-.23992
#3	.00733	-.00071	.07451	.49039	.08178	.08476	-.23683
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.076	.00179	-.00086	.25881	.01499	.00262	.00303
SDev	.029	.00095	.00130	.00088	.00026	.00165	.00079
%RSD	.25918	53.204	150.38	.33793	1.7632	63.008	26.087
#1	11.088	.00286	.00060	.25965	.01479	.00281	.00214
#2	11.097	.00145	-.00187	.25889	.01490	.00417	.00328
#3	11.043	.00105	-.00132	.25790	.01529	.00088	.0036[illegible]
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

1839

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.00750	.00926
SDev	.00464	.00323
%RSD	61.917	34.926
#1	.01275	.00703
#2	.00393	.01296
#3	.00582	.00777
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37518	--	--	--	--	--	--
SDev	76.98492	--	--	--	--	--	--
%RSD	.2051939	--	--	--	--	--	--
#1	37507	--	--	--	--	--	--
#2	37447	--	--	--	--	--	--
#3	37600	--	--	--	--	--	--

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Method: EPA3 Sample Name: MP26726-S1 Operator:
Run Time: 08/17/04 04:43:33
Comment:
Mode: CONC Corr. Factor: 5

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.687	.04826	.06341	.56525	.18744	.27790	3.9192
SDev	.108	.00076	.00367	.00619	.00314	.00504	.0450
%RSD	1.0114	1.5722	5.7886	1.0946	1.6771	1.8133	1.1480
#1	10.575	.04762	.06352	.55914	.18441	.27214	3.8728
#2	10.694	.04806	.05968	.56510	.19069	.28001	3.9221
#3	10.791	.04910	.06702	.57151	.18722	.28153	3.9627
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.57902	.05178	.48058	.79873	1.9424	1.8840	1.9602
SDev	.00751	.00078	.00435	.01173	.0146	.0466	.0386
%RSD	1.2965	1.5053	.90568	1.4690	.74998	2.4756	1.9671
#1	.57818	.05144	.47586	.78607	1.9293	1.8324	1.9198
#2	.57197	.05124	.48146	.80089	1.9581	1.9232	1.9643
#3	.58691	.05268	.48443	.80923	1.9399	1.8964	1.9965
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9663	.47763	2.0538	H2170.3	3.9695	40.086	20.576
SDev	.0304	.01041	.0530	27.4	.0803	.418	.246
%RSD	1.5478	2.1795	2.5816	1.2639	2.0221	1.0421	1.1954
#1	1.9324	.46571	2.0056	H2140.7	3.8877	39.631	20.312
#2	1.9751	.48497	2.0451	H2175.2	3.9727	40.176	20.616
#3	1.9913	.48219	2.1106	H2194.9	4.0482	40.452	20.799
Errors	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	37.601	.01945	-.00129	H45.127	.03080	1.9315	1.9722
SDev	.804	.00220	.00432	.483	.01218	.0294	.0431
%RSD	2.1392	11.304	335.06	1.0706	39.537	1.5196	2.1853
#1	36.693	.02021	-.00519	44.624	.01759	1.9020	1.9264
#2	37.887	.02116	-.00202	H45.170	.04157	1.9319	1.9781
#3	38.223	.01697	.00335	H45.587	.03324	1.9607	2.0120
Errors	LC Pass	LC Pass	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	1.9877	1.9539
SDev	.0190	.0369
%RSD	.95416	1.8891
#1	1.9659	1.9140
#2	2.0003	1.9609
#3	1.9969	1.9868
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36838	--	--	--	--	--	--
SDev	331.2722	--	--	--	--	--	--
%RSD	.8992773	--	--	--	--	--	--
#1	37137	--	--	--	--	--	--
#2	36894	--	--	--	--	--	--
#3	36482	--	--	--	--	--	--

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Method: EPA3 Sample Name: MP26726-S2 Operator:
Run Time: 08/17/04 04:51:09
Comment:
Mode: CONC Corr. Factor: 5

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.716	.04859	.06509	.56969	.18986	.27718	3.9921
SDev	.165	.00066	.00066	.00776	.00287	.00448	.0560
%RSD	1.5362	1.3494	1.0128	1.3625	1.5111	1.6163	1.4025
#1	10.876	.04931	.06440	.57585	.19217	.28230	4.0500
#2	10.724	.04845	.06571	.57224	.19076	.27530	3.9881
#3	10.547	.04802	.06516	.56097	.18665	.27396	3.9382
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.58886	.05208	.48977	.81375	1.9588	1.9264	1.9884
SDev	.01301	.00261	.00572	.00896	.0469	.0354	.0290
%RSD	2.2101	5.0102	1.1683	1.1012	2.3949	1.8370	1.4591
#1	.59916	.05480	.49593	.82234	1.9928	1.9672	2.0196
#2	.59318	.05183	.48877	.81443	1.9783	1.9076	1.9835
#3	.57423	.04960	.48462	.80446	1.9052	1.9044	1.9622
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9981	.46937	2.0600	H2215.2	4.0801	40.850	20.910
SDev	.0273	.01732	.0336	33.9	.0616	.587	.363
%RSD	1.3649	3.6891	1.6322	1.5287	1.5095	1.4360	1.7379
#1	2.0126	.48573	2.0976	H2249.4	4.0816	41.419	21.300
#2	2.0150	.47116	2.0495	H2214.4	4.1409	40.885	20.848
#3	1.9666	.45124	2.0329	H2181.7	4.0178	40.247	20.582
Errors	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	38.056	.01657	-.00135	H45.878	.02879	1.9639	1.9982
SDev	.277	.00872	.00261	.674	.01491	.0358	.0270
%RSD	.72711	52.593	192.95	1.4689	51.793	1.8245	1.3510
#1	38.281	.00668	.00164	H46.555	.02190	2.0052	2.0243
#2	38.141	.02313	-.00320	H45.872	.01858	1.9456	2.0000
#3	37.747	.01991	-.00250	H45.207	.04591	1.9410	1.9704
Errors	LC Pass	LC Pass	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	1.9973	1.9968
SDev	.0266	.0279
%RSD	1.3321	1.3965
#1	2.0065	2.0140
#2	2.0181	2.0119
#3	1.9673	1.9647
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36663	--	--	--	--	--	--
SDev	423.6621	--	--	--	--	--	--
%RSD	1.155568	--	--	--	--	--	--
#1	36243	--	--	--	--	--	--
#2	36654	--	--	--	--	--	--
#3	37090	--	--	--	--	--	--

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Method: EPA3 Sample Name: MP26726-SD1 Operator:
Run Time: 08/17/04 04:58:45
Comment:
Mode: CONC Corr. Factor: 25

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0353	-.00088	.02629	.14195	-.00191	.03359	5.4470
SDev	.0066	.00038	.00666	.00989	.00472	.00304	.0423
%RSD	.63401	43.449	25.317	6.9687	247.78	9.0450	.77642
#1	1.0287	-.00047	.02297	.13066	-.00042	.03371	5.3985
#2	1.0419	-.00122	.02195	.14912	.00189	.03049	5.4662
#3	1.0354	-.00094	.03396	.14606	-.00720	.03656	5.4763
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18947	.01136	.01780	.58038	.00048	.00606	L-.02691
SDev	.00856	.00649	.02050	.00585	.11627	.23486	.02797
%RSD	4.5198	57.078	115.21	1.0080	24228.	3873.4	103.97
#1	.18791	.00392	.02044	.57784	L-.13233	.24759	L-.00346
#2	.19871	.01578	.03686	.58708	.08393	L-.22151	L-.05787
#3	.18179	.01440	-.00390	.57624	.04983	-.00789	L-.01939
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	L-.01843	L-.11272	L-.20050	H3265.9	4.4799	63.275	28.978
SDev	.02329	.02981	.02766	26.4	.0932	.661	.482
%RSD	126.37	26.446	13.795	.80708	2.0804	1.0445	1.6650
#1	L-.04036	L-.12479	L-.23008	H3235.5	4.5490	62.518	28.426
#2	L-.02094	L-.07877	-.17527	H3278.9	4.3739	63.566	29.194
#3	.00601	L-.13460	-.19615	H3283.2	4.5167	63.740	29.315
Errors	LC Low	LC Low	LC Low	LC High	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	47.901	.02680	-.00352	H70.091	.10586	-.10893	.00196
SDev	2.810	.00953	.00395	.555	.04020	.05009	.03977
%RSD	5.8664	35.546	112.09	.79118	37.978	45.986	2031.8
#1	45.672	.01898	-.00678	H69.463	.15041	-.05607	.01077
#2	51.058	.03741	-.00465	H70.300	.09488	-.11504	-.04148
#3	46.974	.02400	.00087	H70.511	.07228	-.15569	.03658
Errors	LC Pass	LC Pass	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.04188	-.05668
SDev	.11844	.03427
%RSD	282.81	60.454
#1	-.09444	-.02137
#2	.10050	-.08980
#3	.11958	-.05889
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37042	--	--	--	--	--	--
SDev	202.5433	--	--	--	--	--	--
%RSD	.5467996	--	--	--	--	--	--
#1	37274	--	--	--	--	--	--
#2	36900	--	--	--	--	--	--
#3	36951	--	--	--	--	--	--

Method: EPA3 Sample Name: MP26772-MB3 Operator:
Run Time: 08/17/04 05:06:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01071	.00005	.00037	.00148	.00169	.00245	.00318
SDev	.00022	.00008	.00021	.00149	.00078	.00061	.00025
%RSD	2.0828	162.38	58.205	100.46	46.453	24.717	7.9713
#1	.01051	.00001	.00039	.00138	.00205	.00285	.00314
#2	.01095	.00014	.00057	.00302	.00223	.00276	.00345
#3	.01067	-.00000	.00014	.00005	.00079	.00176	.00295
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.00400	.00400	.05000	.01000	.02500	.01500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00485	.00117	.00022	H.02261	H.00760	-.00318	H.03826
SDev	.00238	.00081	.00033	.00109	.00671	.00752	.00045
%RSD	49.015	69.574	153.45	4.8346	88.362	236.85	1.1768
#1	.00604	.00151	.00011	H.02239	H.00704	L-.01185	H.03827
#2	.00639	.00175	.00059	H.02380	H.01457	.00072	H.03870
#3	.00211	.00024	-.00005	H.02164	.00118	.00160	H.03780
Errors	LC Pass	LC Pass	LC Pass	LC High	LC High	LC Pass	LC High
High	.04000	.01000	.05000	.02000	.00500	.01000	.00300
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H.00508	.00148	.03246	.51644	.02866	.17131	.64465
SDev	.00183	.00936	.00447	.01833	.02402	.00970	.04049
%RSD	35.989	633.09	13.767	3.5486	83.794	5.6648	6.2807
#1	.00456	-.00223	.03388	.53356	.02364	.17061	.69057
#2	.00357	H.01212	.03605	.51864	.05478	.18134	.61409
#3	H.00712	L-.00545	.02746	.49711	.00755	.16197	.62929
Errors	LC High	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00500	.00500	.20000	5.0000	.10000	5.0000	5.0000
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1049.9	.00165	.00341	H.35807	H.01133	.03148	.04118
SDev	2.3	.00167	.00355	.00589	.00446	.00790	.00436
%RSD	.21450	101.38	103.93	1.6460	39.381	25.097	10.591
#1	H1047.3	.00085	.00583	H.35980	.00737	.03903	.03742
#2	H1051.1	.00358	.00507	H.36290	H.01617	.02327	.04596
#3	H1051.2	.00053	-.00066	H.35150	H.01045	.03215	.04015
Errors	LC High	LC Pass	LC Pass	LC High	LC High	NOCHECK	NOCHECK

1547

High	5.0000	.00500	.05000	.20000	.01000
Low	-5.0000	-.01000	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.00391	.00536
SDev	.00767	.00266
%RSD	196.10	49.694
#1	.00827	.00239
#2	-.00495	.00753
#3	.00842	.00615
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38321	--	--	--	--	--	--
SDev	849.3717	--	--	--	--	--	--
%RSD	2.216446	--	--	--	--	--	--
#1	37804	--	--	--	--	--	--
#2	39302	--	--	--	--	--	--
#3	37858	--	--	--	--	--	--

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Method: EPA3 Sample Name: ~~MP26772-LC1~~ Operator:
Run Time: 08/17/04 05:13:58
Comment:
Mode: CONC Corr. Factor: 1

MP26772-LC2
ND 8/17/04

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50392	.50886	.50342	.50765	.50438	.51037	.50716
SDev	.00137	.00252	.00159	.00247	.00349	.00181	.00246
%RSD	.27166	.49529	.31517	.48562	.69186	.35402	.48461
#1	.50305	.50905	.50290	.50802	.50353	.50900	.50678
#2	.50550	.51129	.50520	.50992	.50821	.51242	.50978
#3	.50322	.50626	.50215	.50503	.50139	.50970	.50491
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.60000	.60000	.60000	.60000	.60000	.60000	.60000
Low	.40000	.40000	.40000	.40000	.40000	.40000	.40000

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50668	.20184	.50610	.50608	.50106	.48912	.50634
SDev	.00278	.00094	.00231	.00354	.00332	.00477	.00282
%RSD	.54911	.46400	.45594	.69890	.66308	.97456	.55626
#1	.50506	.20136	.50585	.50512	.50140	.48669	.50453
#2	.50989	.20292	.50852	.50999	.50420	.48606	.50959
#3	.50508	.20124	.50393	.50311	.49758	.49461	.50492
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.60000	.24000	.60000	.60000	.60000	.60000	.60000
Low	.40000	.16000	.40000	.40000	.40000	.40000	.40000

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48779	.50405	5.0968	6.5013	5.5950	5.8781	5.1690
SDev	.00302	.00208	.0250	.0347	.0489	.0335	.0105
%RSD	.61923	.41170	.49054	.53358	.87339	.56943	.20371
#1	.48688	.50323	5.0842	6.4974	5.5828	5.8599	5.1628
#2	.49116	.50641	5.1256	6.5377	5.6489	5.9167	5.1812
#3	.48532	.50252	5.0806	6.4686	5.5534	5.8577	5.1630
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.60000	.60000	6.0000	6.6000	6.6000	6.6000	6.0000
Low	.40000	.40000	4.0000	4.4000	4.4000	4.4000	4.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.6373	.51492	L-.00156	H.27333	H.00279	.50535	.50635
SDev	.0617	.00159	.00024	.00244	.00081	.00412	.00404
%RSD	1.0950	.30802	15.597	.89215	29.225	.81533	.79801
#1	5.5700	.51351	L-.00183	H.27052	H.00348	.50819	.50220
#2	5.6913	.51664	L-.00138	H.27454	H.00189	.50723	.51027
#3	5.6507	.51463	L-.00145	H.27492	H.00299	.50062	.50657
Errors	LC Pass	LC Pass	LC Low	LC High	LC High	NOCHECK	NOCHECK

High	6.0000	.60000	.00000	.00000	.00000
Low	4.0000	.40000	.00000	.00000	.00000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.48694	.48788
SDev	.00704	.00312
%RSD	1.4460	.63864
#1	.49079	.48459
#2	.49122	.49079
#3	.47881	.48824
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35904	--	--	--	--	--	--
SDev	247.4538	--	--	--	--	--	--
%RSD	.6892095	--	--	--	--	--	--
#1	35754	--	--	--	--	--	--
#2	35769	--	--	--	--	--	--
#3	36190	--	--	--	--	--	--

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Method: EPA3 Sample Name: N74965-1 Operator:
Run Time: 08/17/04 05:21:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9073	.00387	.00795	.07112	.20675	.51596	2.4645
SDev	.0032	.00002	.00032	.00023	.00064	.00116	.0023
%RSD	.16911	.45708	4.0029	.33039	.30805	.22452	.09225
#1	1.9090	.00389	.00823	.07121	.20602	.51623	2.4651
#2	1.9093	.00386	.00803	.07130	.20720	.51695	2.4664
#3	1.9036	.00385	.00761	.07086	.20702	.51468	2.4620
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.17681	.00397	.38358	2.4064	.24951	L-.01606	15.052
SDev	.00079	.00010	.00027	.0027	.00405	.00384	.035
%RSD	.44923	2.6030	.06952	.11143	1.6251	23.904	.23453
#1	.17714	.00403	.38381	2.4064	.24520	L-.01164	15.013
#2	.17591	.00385	.38329	2.4091	.25006	L-.01796	15.082
#3	.17739	.00402	.38363	2.4037	.25325	L-.01857	15.059
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00800	.02546	78.912	46.446	124.14	28.141	13.168
SDev	.00479	.00320	.129	.047	.09	.027	.046
%RSD	59.905	12.567	.16321	.10018	.07048	.09563	.34720
#1	.00586	.02659	79.021	46.414	124.11	28.153	13.216
#2	.00466	.02795	78.945	46.499	124.24	28.160	13.163
#3	.01350	.02185	78.770	46.423	124.07	28.110	13.125
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.5391	.01054	-.00654	2.3995	.18061	15.063	15.046
SDev	.0885	.00035	.00051	.0127	.00257	.035	.052
%RSD	5.7497	3.3036	7.8456	.52849	1.4252	.23555	.34436
#1	1.5988	.01031	-.00603	2.4122	.18131	15.067	14.986
#2	1.4374	.01094	-.00705	2.3868	.17776	15.096	15.075
#3	1.5811	.01036	-.00654	2.3995	.18276	15.025	15.076
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.00395	.00973
SDev	.00622	.00470
%RSD	157.60	48.272
#1	-.00165	.00930
#2	.00285	.00526
#3	.01064	.01462
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39091	--	--	--	--	--	--
SDev	9.775906	--	--	--	--	--	--
%RSD	.0250083	--	--	--	--	--	--
#1	39080	--	--	--	--	--	--
#2	39093	--	--	--	--	--	--
#3	39099	--	--	--	--	--	--

Method: EPA3 Sample Name: CCV Operator:
Run Time: 08/17/04 05:29:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0323	2.0931	2.0480	2.0491	2.0641	2.0233	2.0471
SDev	.0085	.0043	.0030	.0045	.0030	.0067	.0036
%RSD	.41742	.20764	.14524	.22020	.14508	.33243	.17717
#1	2.0277	2.0881	2.0445	2.0443	2.0608	2.0184	2.0430
#2	2.0270	2.0961	2.0494	2.0533	2.0666	2.0205	2.0488
#3	2.0420	2.0951	2.0500	2.0496	2.0648	2.0310	2.0497
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0519	.26018	2.0652	2.0442	2.0418	2.0253	2.0612
SDev	.0034	.00066	.0023	.0045	.0088	.0130	.0087
%RSD	.16729	.25428	.11121	.22185	.42976	.63959	.42045
#1	2.0492	.25943	2.0626	2.0406	2.0404	2.0172	2.0522
#2	2.0558	.26067	2.0666	2.0493	2.0338	2.0184	2.0694
#3	2.0508	.26044	2.0665	2.0426	2.0512	2.0402	2.0621
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	.25000	2.0000	2.0000	2.0000	2.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0909	2.0496	40.959	41.178	41.989	41.793	40.772
SDev	.0127	.0074	.170	.077	.074	.093	.262
%RSD	.60914	.36068	.41625	.18724	.17556	.22319	.64314
#1	2.0763	2.0412	40.812	41.094	41.905	41.703	40.556
#2	2.0965	2.0549	40.918	41.245	Q42.041	41.789	40.696
#3	2.0998	2.0527	41.146	41.195	Q42.021	41.889	41.064
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	2.0000	40.000	40.000	40.000	40.000	40.000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	41.292	2.0654	2.0020	Q5.2565	2.0714	2.0662	2.0583
SDev	.255	.0073	.0076	.0185	.0046	.0128	.0066
%RSD	.61643	.35172	.38210	.35118	.21974	.61731	.32215
#1	41.064	2.0571	1.9945	5.2391	2.0714	2.0526	2.0515
#2	41.567	2.0702	2.0015	Q5.2543	2.0668	2.0778	2.0647
#3	41.247	2.0690	2.0098	Q5.2759	2.0759	2.0681	2.0587
Errors	QC Pass	QC Pass	QC Pass	QC Fail	QC Pass	NOCHECK	NOCHECK

Value	40.000	2.0000	2.0000	5.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	2.0859	2.0930
SDev	.0147	.0118
%RSD	.70697	.56508
#1	2.0689	2.0797
#2	2.0944	2.0972
#3	2.0945	2.1022
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36503	--	--	--	--	--	--
SDev	195.4123	--	--	--	--	--	--
%RSD	.5353254	--	--	--	--	--	--
#1	36707	--	--	--	--	--	--
#2	36486	--	--	--	--	--	--
#3	36318	--	--	--	--	--	--

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Method: EPA3 Sample Name: CCB Operator:
Run Time: 08/17/04 05:36:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00012	Q.00057	.00058	.00033	.00046	.00093	.00073
SDev	.00004	.00009	.00038	.00024	.00033	.00015	.00000
%RSD	35.360	16.507	64.545	72.700	71.329	16.725	.41729
#1	.00011	.00046	.00049	.00006	.00012	.00106	.00072
#2	.00009	Q.00063	.00026	.00041	.00077	.00096	.00073
#3	.00017	Q.00062	Q.00100	.00052	.00049	.00076	.00073
Errors	QC Pass	QC Fail	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.02000	.00050	.00090	.00500	.00240	.00270	.00150

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00110	.00020	.00109	-.00029	Q-.00508	.00121	.00051
SDev	.00115	.00027	.00033	.00032	.00073	.00423	.00138
%RSD	104.72	134.79	29.961	110.30	14.390	348.36	273.06
#1	.00023	.00042	.00109	-.00045	-.00442	-.00365	-.00067
#2	-.00172	-.00010	.00142	.00008	Q-.00587	.00401	.00204
#3	-.00180	.00026	.00077	-.00049	-.00496	.00327	.00015
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.00400	.00210	.00500	.00270	.00500	.01000	.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00012	.00205	-.00573	-.00982	.01832	.00805	-.17827
SDev	.00160	.00153	.00298	.00120	.00505	.00539	.01285
%RSD	1328.0	74.703	52.020	12.175	27.557	67.025	7.2079
#1	-.00092	.00108	-.00550	-.01113	.01414	.00353	-.19147
#2	.00196	.00382	-.00287	-.00953	.01689	.01402	-.17755
#3	-.00068	.00126	-.00882	-.00879	.02393	.00659	-.16580
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.00500	.00500	.02970	.50000	.05520	.50000	.50000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.28792	.00279	.00064	-.00557	.00401	.00040	.00007
SDev	.15773	.00097	.00055	.00104	.00283	.00283	.00107
%RSD	54.784	34.820	86.067	18.605	70.466	703.81	1547.1
#1	-.36020	.00170	.00057	-.00676	.00425	-.00065	-.00116
#2	-.39657	Q.00312	.00122	-.00483	.00107	.00361	.00076
#3	-.10700	Q.00355	.00013	-.00514	.00672	-.00175	.00061
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

Value	.00000	.00000	.00000	.00000	.00000
Range	.50940	.00300	.08100	.02300	.00690

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.00074	-.00052
SDev	.00185	.00148
%RSD	250.90	286.73
#1	-.00033	-.00154
#2	.00288	.00118
#3	-.00033	-.00118
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36694	--	--	--	--	--	--
SDev	112.0113	--	--	--	--	--	--
%RSD	.3052588	--	--	--	--	--	--
#1	36823	--	--	--	--	--	--
#2	36628	--	--	--	--	--	--
#3	36630	--	--	--	--	--	--

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Method: EPA3 Sample Name: N74965-3 Operator:
Run Time: 08/17/04 05:44:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0165	.00424	.00858	.07264	.20193	.55669	3.4336
SDev	.0009	.00002	.00034	.00054	.00042	.00053	.0079
%RSD	.08659	.50911	3.9974	.74505	.20911	.09587	.23032
#1	1.0165	.00424	.00818	.07308	.20175	.55639	3.4418
#2	1.0173	.00422	.00882	.07281	.20241	.55731	3.4330
#3	1.0156	.00426	.00872	.07204	.20162	.55637	3.4260
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.17821	.00292	.35807	2.5982	.16898	L-.02962	11.557
SDev	.00190	.00038	.00193	.0035	.00438	.00309	.051
%RSD	1.0640	12.934	.53788	.13599	2.5899	10.448	.43986
#1	.17932	.00280	.36029	2.6003	.16540	L-.02779	11.607
#2	.17928	.00334	.35700	2.6002	.16768	L-.03319	11.558
#3	.17602	.00261	.35691	2.5941	.17386	L-.02788	11.505
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00433	.00292	96.628	34.779	151.53	34.727	14.600
SDev	.00298	.00499	.158	.089	.16	.041	.043
%RSD	68.912	170.87	.16366	.25487	.10333	.11847	.29508
#1	.00465	-.00120	96.763	34.868	151.67	34.748	14.643
#2	.00120	.00149	96.666	34.780	151.56	34.754	14.600
#3	.00714	.00847	96.454	34.690	151.36	34.680	14.557
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0422	.00922	-.00989	2.3797	.54629	11.545	11.562
SDev	.1203	.00017	.00072	.0024	.00321	.098	.035
%RSD	11.542	1.8111	7.2565	.10188	.58689	.84640	.30319
#1	.99598	.00908	-.01052	2.3790	.54904	11.615	11.603
#2	.95194	.00940	-.01003	2.3777	.54277	11.588	11.543
#3	1.1788	.00917	-.00911	2.3824	.54705	11.434	11.541
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00421	.00829
SDev	.00126	.00436
%RSD	30.062	52.617
#1	-.00559	.00946
#2	-.00393	.00346
#3	-.00310	.01195
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40043	--	--	--	--	--	--
SDev	185.0111	--	--	--	--	--	--
%RSD	.4620257	--	--	--	--	--	--
#1	39835	--	--	--	--	--	--
#2	40106	--	--	--	--	--	--
#3	40189	--	--	--	--	--	--

Method: EPA3 Sample Name: N74965-4 Operator:
Run Time: 08/17/04 05:52:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0620	.00459	.00593	.07108	.23210	.44613	2.9507
SDev	.0046	.00004	.00049	.00109	.00185	.00210	.0176
%RSD	.42920	.89379	8.2076	1.5367	.79580	.47056	.59485
#1	1.0673	.00464	.00564	.07168	.23384	.44810	2.9698
#2	1.0595	.00456	.00649	.07175	.23230	.44637	2.9471
#3	1.0593	.00458	.00566	.06982	.23016	.44392	2.9352
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23128	.00267	.37415	1.8890	.16381	L-.02182	3.8936
SDev	.00237	.00067	.00231	.0122	.00419	.00413	.0312
%RSD	1.0251	25.262	.61855	.64547	2.5583	18.927	.80248
#1	.23390	.00221	.37653	1.9009	.16720	L-.01785	3.9256
#2	.22927	.00344	.37402	1.8896	.16510	L-.02609	3.8921
#3	.23069	.00235	.37190	1.8765	.15912	L-.02153	3.8632
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00495	-.00190	107.29	182.97	140.50	33.570	12.497
SDev	.00127	.00179	.55	1.13	.65	.174	.075
%RSD	25.659	93.994	.51179	.61925	.46585	.51830	.59876
#1	.00384	-.00394	107.92	184.15	141.21	33.761	12.583
#2	.00469	-.00059	106.99	182.87	140.38	33.530	12.446
#3	.00634	-.00117	106.95	181.89	139.92	33.420	12.461
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.5550	.01034	-.00863	2.5458	.08093	3.9002	3.8899
SDev	.0627	.00062	.00118	.0168	.00199	.0367	.0314
%RSD	4.0322	6.0135	13.687	.66051	2.4539	.94189	.80793
#1	1.4894	.00989	-.00944	2.5646	.08080	3.9426	3.9167
#2	1.5613	.01105	-.00728	2.5409	.07900	3.8799	3.8977
#3	1.6143	.01008	-.00918	2.5321	.08297	3.8780	3.8558
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00450	.00938
SDev	.00073	.00227
%RSD	16.109	24.221
#1	-.00388	.00739
#2	-.00433	.00890
#3	-.00530	.01185
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39345	--	--	--	--	--	--
SDev	294.9224	--	--	--	--	--	--
%RSD	.7495893	--	--	--	--	--	--
#1	39012	--	--	--	--	--	--
#2	39447	--	--	--	--	--	--
#3	39574	--	--	--	--	--	--

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Method: EPA3 Sample Name: N74965-6 Operator:
Run Time: 08/17/04 05:59:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.1388	.00399	.01253	.06132	.17255	.66957	3.3222
SDev	.0389	.00011	.00020	.00144	.00339	.01196	.0640
%RSD	1.8190	2.7272	1.5784	2.3527	1.9629	1.7861	1.9256
#1	2.1836	.00411	.01270	.06282	.17646	.68338	3.3960
#2	2.1146	.00391	.01257	.05994	.17049	.66242	3.2838
#3	2.1180	.00394	.01231	.06122	.17070	.66291	3.2867
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14324	.00428	.44755	2.5190	.35838	L-.02196	12.506
SDev	.00290	.00011	.00932	.0493	.00814	.00641	.234
%RSD	2.0241	2.6233	2.0826	1.9573	2.2724	29.177	1.8745
#1	.14630	.00429	.45824	2.5760	.36775	L-.02388	12.776
#2	.14288	.00439	.44326	2.4906	.35306	L-.02719	12.382
#3	.14054	.00416	.44115	2.4906	.35432	L-.01481	12.360
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00479	.00355	70.211	133.74	156.01	58.414	9.5571
SDev	.00232	.00383	1.244	2.66	3.02	1.056	.1678
%RSD	48.462	107.77	1.7725	1.9900	1.9346	1.8084	1.7557
#1	.00718	-.00068	71.648	136.81	159.49	59.633	9.7509
#2	.00255	.00458	69.488	132.18	154.29	57.795	9.4579
#3	.00464	.00676	69.498	132.23	154.24	57.813	9.4626
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0674	.01144	-.00524	2.4693	.22450	12.543	12.487
SDev	.1485	.00097	.00067	.0556	.00098	.191	.259
%RSD	13.916	8.4478	12.743	2.2530	.43802	1.5246	2.0729
#1	1.2305	.01033	-.00491	2.5335	.22551	12.757	12.786
#2	1.0318	.01208	-.00601	2.4370	.22443	12.485	12.330
#3	.93984	.01191	-.00481	2.4373	.22355	12.388	12.345
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.00409	.00483
SDev	.00386	.00422
%RSD	94.330	87.395
#1	.00548	.00772
#2	.00706	-.00002
#3	-.00027	.00680
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39227	--	--	--	--	--	--
SDev	674.2438	--	--	--	--	--	--
%RSD	1.718840	--	--	--	--	--	--
#1	38450	--	--	--	--	--	--
#2	39657	--	--	--	--	--	--
#3	39574	--	--	--	--	--	--

Method: EPA3 Sample Name: N74965-8 Operator:
Run Time: 08/17/04 06:07:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0394	.00560	.01050	.09699	.27501	.70847	4.4972
SDev	.0037	.00004	.00015	.00010	.00021	.00051	.0016
%RSD	.18360	.66291	1.3861	.10508	.07644	.07205	.03559
#1	2.0427	.00563	.01064	.09711	.27518	.70814	4.4954
#2	2.0400	.00556	.01052	.09692	.27508	.70906	4.4981
#3	2.0353	.00561	.01035	.09694	.27477	.70821	4.4983
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.28586	.00426	.61071	3.3500	.67353	L-.03456	10.972
SDev	.00051	.00012	.00110	.0016	.00149	.00201	.032
%RSD	.17918	2.7501	.17968	.04720	.22135	5.8272	.28724
#1	.28527	.00437	.61062	3.3490	.67512	L-.03459	10.958
#2	.28618	.00414	.61186	3.3491	.67216	L-.03254	10.949
#3	.28613	.00426	.60967	3.3518	.67333	L-.03656	11.008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00706	-.00312	119.65	52.187	203.96	48.343	22.446
SDev	.00139	.00538	.08	.033	.18	.039	.038
%RSD	19.720	172.49	.07029	.06264	.08755	.08126	.16743
#1	.00594	-.00244	119.57	52.163	203.85	48.316	22.406
#2	.00663	L-.00880	119.74	52.174	204.16	48.324	22.481
#3	.00862	.00189	119.64	52.224	203.86	48.388	22.451
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.1096	.01786	-.00842	2.8244	.17259	10.986	10.964
SDev	.1690	.00022	.00050	.0019	.00227	.032	.053
%RSD	4.1134	1.2316	5.9675	.06766	1.3175	.29038	.48735
#1	4.1215	.01812	-.00849	2.8246	.17420	11.023	10.926
#2	3.9349	.01773	-.00889	2.8224	.17358	10.964	10.941
#3	4.2724	.01774	-.00789	2.8262	.16999	10.972	11.025
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00291	.01178
SDev	.00395	.00269
%RSD	135.44	22.798
#1	-.00659	.01195
#2	.00126	.00902
#3	-.00341	.01438
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40625	--	--	--	--	--	--
SDev	17.84121	--	--	--	--	--	--
%RSD	.0439165	--	--	--	--	--	--
#1	40618	--	--	--	--	--	--
#2	40612	--	--	--	--	--	--
#3	40646	--	--	--	--	--	--

Method: EPA3 Sample Name: N74965-10 Operator:
Run Time: 08/17/04 06:14:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.54194	.00292	.00296	.05351	.15284	.26856	2.6778
SDev	.00047	.00003	.00015	.00044	.00009	.00046	.0084
%RSD	.08628	1.1703	4.9345	.81305	.06172	.17051	.31542
#1	.54195	.00292	.00312	.05352	.15291	.26904	2.6865
#2	.54240	.00296	.00294	.05394	.15273	.26850	2.6773
#3	.54146	.00289	.00283	.05307	.15288	.26813	2.6697
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09603	.00129	.27555	1.1147	.06372	L-.02143	.81770
SDev	.00047	.00021	.00071	.0050	.00072	.00434	.00629
%RSD	.49450	16.324	.25747	.44484	1.1296	20.248	.76916
#1	.09658	.00125	.27614	1.1198	.06419	L-.02251	.82432
#2	.09569	.00110	.27476	1.1144	.06289	L-.02513	.81698
#3	.09583	.00152	.27575	1.1099	.06409	L-.01666	.81181
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00095	L-.00727	89.851	23.493	124.42	33.542	17.183
SDev	.00246	.00069	.219	.085	.34	.106	.031
%RSD	258.90	9.4425	.24421	.35997	.27273	.31567	.18014
#1	-.00280	L-.00738	89.862	23.574	124.63	33.638	17.186
#2	.00184	L-.00789	90.065	23.500	124.61	33.560	17.212
#3	-.00189	L-.00653	89.626	23.406	124.03	33.429	17.150
Errors	LC Pass	LC Low	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.85940	.00528	-.01978	2.2680	.05348	.82418	.81409
SDev	.05636	.00120	.00053	.0157	.00300	.00820	.00595
%RSD	6.5575	22.819	2.6800	.69004	5.6139	.99473	.73077
#1	.83038	.00577	-.01916	2.2833	.05323	.83364	.81929
#2	.82347	.00391	-.02008	2.2521	.05061	.81941	.81538
#3	.92435	.00616	-.02008	2.2686	.05660	.81948	.80[illegible]
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.00004	-.00175
SDev	.00107	.00319
%RSD	2478.7	182.76
#1	-.00039	-.00430
#2	.00126	.00183
#3	-.00074	-.00277
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40074	--	--	--	--	--	--
SDev	172.1215	--	--	--	--	--	--
%RSD	.4295105	--	--	--	--	--	--
#1	39906	--	--	--	--	--	--
#2	40066	--	--	--	--	--	--
#3	40250	--	--	--	--	--	--

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Method: EPA3 Sample Name: N74965-12 Operator:
Run Time: 08/17/04 06:22:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0787	.00401	.00386	.09704	.32759	.27520	4.2096
SDev	.0050	.00003	.00019	.00079	.00160	.00110	.0222
%RSD	.46381	.64766	5.0220	.81657	.48742	.39996	.52667
#1	1.0745	.00402	.00364	.09634	.32622	.27457	4.1891
#2	1.0842	.00398	.00399	.09790	.32935	.27647	4.2331
#3	1.0773	.00403	.00395	.09688	.32722	.27455	4.2067
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.17469	.00069	.59031	1.4267	.07590	L-.03900	.64437
SDev	.00083	.00021	.00265	.0065	.00211	.00256	.00635
%RSD	.47554	30.387	.44858	.45765	2.7806	6.5743	.98553
#1	.17562	.00050	.58947	1.4204	.07350	L-.03615	.63714
#2	.17439	.00065	.59328	1.4334	.07674	L-.04113	.64687
#3	.17405	.00091	.58819	1.4262	.07747	L-.03971	.64908
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00078	L-.02191	162.51	25.449	239.08	100.52	58.507
SDev	.00170	.00036	.80	.130	1.30	.55	.166
%RSD	218.23	1.6350	.49515	.51084	.54423	.54587	.28304
#1	-.00060	L-.02224	161.85	25.323	237.85	100.02	58.463
#2	.00267	L-.02153	163.41	25.583	240.44	101.11	58.691
#3	.00026	L-.02197	162.28	25.441	238.97	100.43	58.369
Errors	LC Pass	LC Low	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.8382	.00557	L-.05573	2.0755	.05070	.65848	.63698
SDev	.0234	.00232	.00093	.0101	.00239	.00507	.00751
%RSD	1.2744	41.613	1.6681	.48592	4.7098	.77033	1.1792
#1	1.8498	.00770	L-.05471	2.0864	.05340	.65307	.62886
#2	1.8112	.00591	L-.05654	2.0733	.04887	.66313	.63841
#3	1.8536	.00310	L-.05592	2.0666	.04982	.65925	.64367
Errors	LC Pass	LC Pass	LC Low	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00437	.00306
SDev	.00366	.00272
%RSD	83.732	88.857
#1	-.00224	-.00007
#2	-.00227	.00485
#3	-.00859	.00439
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	41314	--	--	--	--	--	--
SDev	209.0643	--	--	--	--	--	--
%RSD	.5060325	--	--	--	--	--	--
#1	41482	--	--	--	--	--	--
#2	41080	--	--	--	--	--	--
#3	41382	--	--	--	--	--	--

Analysis Report 08/17/04 06:37:43 AM

Method: EPA3 Sample Name: N74965-14 Operator:
Run Time: 08/17/04 06:30:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1514	.00388	.00560	.06958	.22980	.48328	3.1006
SDev	.0030	.00003	.00042	.00040	.00086	.00174	.0102
%RSD	.25676	.89655	7.4431	.57350	.37273	.36060	.32969
#1	1.1491	.00390	.00543	.06991	.22882	.48173	3.0946
#2	1.1504	.00391	.00530	.06969	.23037	.48295	3.0947
#3	1.1547	.00384	.00608	.06914	.23021	.48517	3.1124
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.16033	.00202	.40018	1.6630	.16192	L-.02947	3.5112
SDev	.00026	.00031	.00270	.0065	.00225	.00155	.0117
%RSD	.16030	15.521	.67412	.39250	1.3917	5.2664	.33391
#1	.16060	.00200	.39822	1.6581	.15939	L-.02812	3.5242
#2	.16009	.00172	.39906	1.6604	.16371	L-.02911	3.5016
#3	.16030	.00234	.40326	1.6704	.16265	L-.03117	3.5078
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00452	-.00460	110.53	24.197	184.21	34.209	13.130
SDev	.00223	.00461	.37	.092	.63	.107	.035
%RSD	49.303	100.34	.33239	.37824	.34008	.31352	.26940
#1	.00204	L-.00950	110.21	24.139	183.68	34.142	13.103
#2	.00635	-.00035	110.44	24.149	184.05	34.152	13.117
#3	.00517	-.00394	110.93	24.302	184.90	34.333	13.170
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3859	.01247	-.01067	2.3027	.09322	3.5299	3.5015
SDev	.0334	.00131	.00071	.0062	.00176	.0099	.0138
%RSD	2.4120	10.468	6.6117	.26990	1.8893	.27972	.39452
#1	1.3495	.01211	-.01130	2.2955	.09234	3.5372	3.5174
#2	1.3928	.01139	-.01079	2.3063	.09207	3.5187	3.4926
#3	1.4153	.01392	-.00991	2.3062	.09525	3.5338	3.4944
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00434	.00865
SDev	.00372	.00444
%RSD	85.552	51.363
#1	-.00367	.00459
#2	-.00835	.01339
#3	-.00101	.00796
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39573	--	--	--	--	--	--
SDev	55.36959	--	--	--	--	--	--
%RSD	.1399164	--	--	--	--	--	--
#1	39601	--	--	--	--	--	--
#2	39610	--	--	--	--	--	--
#3	39510	--	--	--	--	--	--

Method: EPA3 Sample Name: N74994-1 Operator:
Run Time: 08/17/04 06:37:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.4187	.00524	.00574	.04809	.19418	.29237	8.3884
SDev	.0071	.00006	.00018	.00049	.00060	.00075	.0316
%RSD	.50369	1.2348	3.1135	1.0225	.31118	.25482	.37626
#1	1.4108	.00517	.00594	.04760	.19363	.29159	8.3525
#2	1.4247	.00530	.00559	.04858	.19483	.29308	8.4119
#3	1.4204	.00524	.00570	.04809	.19410	.29244	8.4007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13226	.00244	.21012	2.9759	.03165	-.00807	.66198
SDev	.00081	.00018	.00155	.0109	.00319	.00416	.00292
%RSD	.60932	7.4117	.73666	.36636	10.095	51.557	.44119
#1	.13226	.00224	.20857	2.9633	.03079	L-.01174	.66532
#2	.13307	.00259	.21012	2.9820	.02897	-.00355	.66068
#3	.13146	.00248	.21166	2.9823	.03518	-.00891	.65993
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00083	L-.01165	103.24	660.86	89.755	103.77	17.843
SDev	.00219	.00282	.55	2.57	.436	.45	.101
%RSD	263.24	24.250	.53030	.38918	.48588	.43089	.56692
#1	-.00166	L-.01259	102.61	657.89	89.254	103.27	17.748
#2	.00248	L-.00847	103.54	662.39	90.053	104.13	17.832
#3	.00168	L-.01388	103.58	662.31	89.957	103.91	17.949
Errors	LC Pass	LC Low	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	7.0881	.00520	L-.05808	2.9927	.04211	.67181	.65674
SDev	.1310	.00083	.00052	.0062	.00318	.01125	.00381
%RSD	1.8484	15.893	.89893	.20599	7.5443	1.6749	.57991
#1	7.0941	.00465	L-.05749	2.9881	.03845	.68240	.65647
#2	6.9542	.00481	L-.05848	2.9997	.04385	.65999	.66067
#3	7.2160	.00615	L-.05827	2.9903	.04405	.67304	.65307
Errors	LC Pass	LC Pass	LC Low	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.00174	.00006
SDev	.00518	.00464
%RSD	297.08	7328.7
#1	.00206	-.00383
#2	-.00359	.00520
#3	.00676	-.00118
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38181	--	--	--	--	--	--
SDev	121.0558	--	--	--	--	--	--
%RSD	.3170570	--	--	--	--	--	--
#1	38065	--	--	--	--	--	--
#2	38172	--	--	--	--	--	--
#3	38306	--	--	--	--	--	--

Analysis Report 08/17/04 06:52:56 AM

Method: EPA3 Sample Name: N74994-2 Operator:
Run Time: 08/17/04 06:45:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.6510	.01174	.00499	.05995	.19185	.52167	11.905
SDev	.0036	.00001	.00008	.00066	.00040	.00146	.020
%RSD	.21692	.07671	1.6172	1.0949	.20572	.27908	.16899
#1	1.6548	.01175	.00499	.06003	.19185	.52330	11.924
#2	1.6505	.01174	.00491	.05925	.19146	.52117	11.907
#3	1.6477	.01173	.00508	.06055	.19225	.52052	11.884
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.16851	.00384	.20997	2.2406	.03239	L-.01616	.83704
SDev	.00252	.00025	.00031	.0050	.00086	.00424	.00491
%RSD	1.4932	6.5352	.14914	.22313	2.6568	26.257	.58691
#1	.16687	.00359	.21030	2.2454	.03174	L-.02105	.83868
#2	.16725	.00384	.20968	2.2412	.03206	L-.01402	.84093
#3	.17141	.00409	.20993	2.2354	.03337	L-.01341	.83152
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00494	L-.00873	122.59	803.42	78.305	150.39	12.719
SDev	.00108	.00151	.23	1.31	.087	.21	.025
%RSD	21.880	17.307	.18861	.16260	.11150	.14036	.19940
#1	.00382	L-.01003	122.68	804.48	78.395	150.61	12.727
#2	.00501	L-.00907	122.77	803.83	78.299	150.35	12.739
#3	.00598	L-.00707	122.33	801.96	78.221	150.20	12.691
Errors	LC Pass	LC Low	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.561	.00533	L-.05343	3.3842	.04685	.83883	.83568
SDev	.125	.00011	.00125	.0069	.00449	.00983	.00270
%RSD	1.1846	1.9940	2.3375	.20408	9.5771	1.1725	.32334
#1	10.451	.00540	L-.05242	3.3916	.04493	.84409	.83550
#2	10.536	.00521	L-.05483	3.3830	.05198	.84491	.83847
#3	10.697	.00540	L-.05304	3.3780	.04365	.82748	.83307
Errors	LC Pass	LC Pass	LC Low	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00126	.00772
SDev	.00403	.00301
%RSD	320.37	39.029
#1	-.00166	.00625
#2	.00296	.00573
#3	-.00506	.01118
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38312	--	--	--	--	--	--
SDev	155.4529	--	--	--	--	--	--
%RSD	.4057551	--	--	--	--	--	--
#1	38138	--	--	--	--	--	--
#2	38362	--	--	--	--	--	--
#3	38436	--	--	--	--	--	--

Analysis Report 08/17/04 07:00:33 AM

Method: EPA3 Sample Name: N74994-3 Operator:
Run Time: 08/17/04 06:53:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.4983	.00558	.00891	.05128	.18938	.60856	4.6426
SDev	.0083	.00005	.00047	.00033	.00143	.00392	.0315
%RSD	.55569	.96254	5.2307	.64272	.75369	.64467	.67818
#1	1.4889	.00554	.00861	.05093	.18790	.60408	4.6078
#2	1.5015	.00564	.00945	.05158	.18948	.61020	4.6509
#3	1.5046	.00557	.00867	.05133	.19075	.61139	4.6692
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19731	.00411	.20838	3.2889	.06552	L-.01438	1.4830
SDev	.00211	.00031	.00209	.0236	.00466	.00359	.0057
%RSD	1.0711	7.5161	1.0042	.71605	7.1124	24.998	.38215
#1	.19543	.00403	.20619	3.2628	.06447	L-.01089	1.4765
#2	.19690	.00385	.20861	3.2951	.07062	L-.01417	1.4852
#3	.19960	.00445	.21035	3.3086	.06148	L-.01807	1.4872
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00319	L-.00739	78.534	600.15	125.36	67.336	13.409
SDev	.00164	.00103	.540	5.63	.87	.423	.078
%RSD	51.505	13.964	.68766	.93862	.69273	.62813	.58373
#1	.00464	L-.00850	77.936	594.05	124.40	66.869	13.328
#2	.00140	L-.00720	78.678	601.23	125.61	67.448	13.413
#3	.00354	L-.00646	78.987	605.16	126.08	67.692	13.484
Errors	LC Pass	LC Low	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.155	.00940	-.04016	4.5224	.05363	1.4833	1.4824
SDev	.053	.00040	.00107	.0260	.00075	.0112	.0029
%RSD	.52268	4.2656	2.6631	.57467	1.4020	.75536	.19666
#1	10.093	.00894	-.03899	4.4960	.05284	1.4705	1.4792
#2	10.185	.00960	-.04040	4.5232	.05370	1.4883	1.4833
#3	10.185	.00967	-.04109	4.5479	.05434	1.4911	1.4848
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00351	.00623
SDev	.00397	.00288
%RSD	113.25	46.237
#1	-.00581	.00955
#2	-.00579	.00468
#3	.00108	.00445
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37910	--	--	--	--	--	--
SDev	234.5157	--	--	--	--	--	--
%RSD	.6186095	--	--	--	--	--	--
#1	38168	--	--	--	--	--	--
#2	37853	--	--	--	--	--	--
#3	37710	--	--	--	--	--	--

Method: EPA3 Sample Name: CCV Operator:
Run Time: 08/17/04 07:00:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0176	2.0610	2.0236	2.0143	2.0343	2.0084	2.0139
SDev	.0223	.0247	.0189	.0229	.0230	.0237	.0242
%RSD	1.1058	1.2000	.93495	1.1386	1.1314	1.1780	1.2016
#1	2.0429	2.0891	2.0454	2.0406	2.0607	2.0356	2.0415
#2	2.0096	2.0511	2.0116	2.0040	2.0236	1.9972	2.0038
#3	2.0005	2.0427	2.0137	1.9984	2.0185	1.9924	1.9964
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0274	.25718	2.0515	2.0028	2.0268	2.0026	2.0263
SDev	.0192	.00277	.0207	.0237	.0244	.0179	.0260
%RSD	.94807	1.0761	1.0079	1.1836	1.2031	.89397	1.2812
#1	2.0494	.26037	2.0750	2.0299	2.0501	2.0194	2.0561
#2	2.0191	.25538	2.0435	1.9923	2.0288	2.0047	2.0135
#3	2.0137	.25579	2.0361	1.9861	2.0015	1.9838	2.0091
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	.25000	2.0000	2.0000	2.0000	2.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0653	2.0366	40.481	40.503	41.374	41.323	40.359
SDev	.0237	.0269	.438	.480	.500	.508	.453
%RSD	1.1485	1.3216	1.0825	1.1849	1.2077	1.2300	1.1231
#1	2.0918	2.0669	40.984	41.055	41.937	41.906	40.882
#2	2.0579	2.0274	40.276	40.273	41.201	41.089	40.079
#3	2.0461	2.0155	40.183	40.182	40.984	40.974	40.117
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	2.0000	40.000	40.000	40.000	40.000	40.000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	40.715	2.0414	1.9830	Q5.3724	2.0498	2.0222	2.0279
SDev	.462	.0198	.0232	.0628	.0254	.0206	.0287
%RSD	1.1345	.97018	1.1703	1.1682	1.2390	1.0203	1.4139
#1	41.235	2.0639	2.0098	Q5.4441	2.0784	2.0460	2.0608
#2	40.555	2.0336	1.9716	Q5.3458	2.0409	2.0105	2.0145
#3	40.354	2.0267	1.9678	Q5.3273	2.0300	2.0099	2.0082
Errors	QC Pass	QC Pass	QC Pass	QC Fail	QC Pass	NOCHECK	NOCHECK

Value	40.000	2.0000	2.0000	5.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	2.0519	2.0716
SDev	.0250	.0234
%RSD	1.2205	1.1282
#1	2.0807	2.0970
#2	2.0393	2.0670
#3	2.0357	2.0509
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36678	--	--	--	--	--	--
SDev	377.1351	--	--	--	--	--	--
%RSD	1.028236	--	--	--	--	--	--
#1	36242	--	--	--	--	--	--
#2	36898	--	--	--	--	--	--
#3	36893	--	--	--	--	--	--

Analysis Report QC Standard 08/17/04 07:31:58 AM page 1

Method: EPA3 Sample Name: CCB Operator:
Run Time: 08/17/04 07:24:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00093	.00013	-.00019	.00035	-.00034	-.00064	.00028
SDev	.00018	.00009	.00034	.00028	.00046	.00028	.00017
%RSD	19.719	71.030	178.27	78.830	138.09	43.847	60.829
#1	-.00113	.00002	-.00042	.00067	-.00083	-.00090	.00009
#2	-.00087	.00017	.00020	.00025	.00008	-.00067	.00040
#3	-.00078	.00019	-.00035	.00014	-.00026	-.00034	.00036
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.02000	.00050	.00090	.00500	.00240	.00270	.00150

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00004	.00041	.00041	-.00108	-.00216	-.00301	-.00135
SDev	.00082	.00009	.00077	.00048	.00191	.00106	.00122
%RSD	1973.4	21.738	187.41	44.367	88.304	35.108	89.977
#1	.00090	.00036	-.00036	-.00162	-.00340	-.00423	-.00027
#2	-.00048	.00051	.00119	-.00070	-.00313	-.00234	-.00112
#3	-.00055	.00036	.00041	-.00092	.00004	-.00246	-.00267
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.00400	.00210	.00500	.00270	.00500	.01000	.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00145	-.00176	-.01974	-.01836	.00119	.00793	-.22160
SDev	.00157	.00284	.00576	.00396	.00683	.00113	.00795
%RSD	107.69	160.96	29.184	21.565	574.92	14.231	3.5866
#1	.00030	-.00267	-.02633	-.02290	-.00657	.00690	-.22744
#2	-.00196	-.00404	-.01564	-.01559	.00631	.00913	-.21255
#3	-.00270	.00142	-.01725	-.01659	.00382	.00775	-.22481
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.00500	.00500	.02970	.50000	.05520	.50000	.50000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.48976	.00078	.00001	-.00768	.00438	-.00485	-.00007
SDev	.07719	.00039	.00164	.00171	.00252	.00068	.00215
%RSD	15.761	49.516	11570.	22.272	57.599	14.010	3220.9
#1	-.47753	.00106	-.00076	-.00966	Q.00717	-.00558	.00193
#2	-.41941	.00034	.00190	-.00674	.00371	-.00473	.00022
#3	Q-.57233	.00094	-.00109	-.00665	.00226	-.00423	-.00233
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

Value	.00000	.00000	.00000	.00000	.00000
Range	.50940	.00300	.08100	.02300	.00690

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.00547	-.00522
SDev	.00297	.00383
%RSD	54.343	73.435
#1	.00209	-.00090
#2	.00661	-.00656
#3	.00770	-.00821
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39118	--	--	--	--	--	--
SDev	199.1317	--	--	--	--	--	--
%RSD	.5090590	--	--	--	--	--	--
#1	39347	--	--	--	--	--	--
#2	39014	--	--	--	--	--	--
#3	38992	--	--	--	--	--	--

Analysis Report 08/17/04 07:42:53 AM

Method: EPA3 Sample Name: N74994-4 Operator:
Run Time: 08/17/04 07:35:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9353	.00423	.04475	.07864	.18230	.95135	12.231
SDev	.0271	.00013	.00120	.00306	.00409	.01376	.192
%RSD	1.4029	3.0491	2.6748	3.8886	2.2436	1.4461	1.5683
#1	1.9526	.00436	.04606	.08209	.18669	.95872	12.399
#2	1.9492	.00410	.04450	.07757	.18164	.95985	12.273
#3	1.9040	.00423	.04370	.07627	.17859	.93547	12.022
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20397	.00924	.18373	16.494	.11985	L-.06078	1.6674
SDev	.00545	.00095	.00280	.305	.00872	.00272	.0258
%RSD	2.6740	10.243	1.5222	1.8478	7.2757	4.4690	1.5500
#1	.20982	.01029	.18671	16.806	.12902	L-.05885	1.6912
#2	.20308	.00846	.18331	16.478	.11885	L-.05961	1.6710
#3	.19902	.00897	.18116	16.197	.11167	L-.06389	1.6399
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00034	L-.00561	62.328	681.80	589.96	70.840	11.755
SDev	.00099	.00793	.825	14.29	9.19	1.054	.127
%RSD	292.53	141.29	1.3233	2.0958	1.5583	1.4883	1.0836
#1	-.00006	.00352	62.878	695.35	598.43	71.751	11.827
#2	-.00039	L-.01076	62.727	683.18	591.27	71.083	11.830
#3	.00146	L-.00959	61.380	666.88	580.18	69.685	11.608
Errors	LC Pass	LC Low	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4957	.01232	-.03373	6.6385	.05218	1.6547	1.6733
SDev	.4424	.00110	.00370	.0778	.00254	.0126	.0390
%RSD	17.727	8.8980	10.970	1.1717	4.8759	.76194	2.3283
#1	3.0056	.01108	-.02973	6.6948	.05003	1.6465	1.7131
#2	2.2139	.01317	-.03703	6.6709	.05499	1.6692	1.6715
#3	2.2676	.01270	-.03444	6.5497	.05151	1.6485	1.635[illegible]
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

1881

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.02384	.01212
SDev	.00998	.00442
%RSD	41.890	36.472
#1	-.03517	.01719
#2	-.01999	.00910
#3	-.01634	.01006
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38835	--	--	--	--	--	--
SDev	500.8466	--	--	--	--	--	--
%RSD	1.289672	--	--	--	--	--	--
#1	38664	--	--	--	--	--	--
#2	38442	--	--	--	--	--	--
#3	39399	--	--	--	--	--	--

Analysis Report 08/17/04 07:50:29 AM

Method: EPA3 Sample Name: N75006-1 Operator:
Run Time: 08/17/04 07:42:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.85996	.00295	.00831	.10027	.25976	.97653	1.4832
SDev	.00155	.00004	.00017	.00009	.00024	.00216	.0023
%RSD	.18059	1.4008	2.0252	.08538	.09418	.22171	.15745
#1	.85935	.00294	.00835	.10030	.25993	.97490	1.4819
#2	.86172	.00300	.00846	.10018	.25987	.97899	1.4859
#3	.85880	.00292	.00813	.10034	.25948	.97571	1.4818
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1613	.00329	2.7220	4.1242	.08874	L-.03131	1.7020
SDev	.0038	.00048	.0038	.0072	.00382	.00846	.0074
%RSD	.33117	14.681	.13817	.17458	4.3104	27.024	.43262
#1	1.1596	.00303	2.7241	4.1316	.09140	L-.04070	1.6936
#2	1.1657	.00385	2.7242	4.1239	.09046	L-.02894	1.7074
#3	1.1586	.00299	2.7177	4.1172	.08435	L-.02428	1.7050
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00694	.01585	102.37	119.85	185.96	33.281	13.467
SDev	.00163	.00412	.23	.13	.34	.061	.023
%RSD	23.528	25.963	.22205	.10647	.18264	.18286	.17407
#1	.00872	.01991	102.13	119.77	185.71	33.234	13.445
#2	.00552	.01597	102.58	120.00	186.35	33.350	13.492
#3	.00657	.01168	102.40	119.78	185.83	33.259	13.465
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.4526	.14856	-.02538	4.7891	.28963	1.7056	1.6999
SDev	.0897	.00122	.00100	.0249	.00281	.0069	.0105
%RSD	2.0149	.82052	3.9224	.52051	.96928	.40196	.61513
#1	4.5319	.14920	-.02540	4.7604	.29221	1.7019	1.6891
#2	4.4706	.14715	-.02438	4.8045	.28664	1.7014	1.7100
#3	4.3552	.14932	-.02637	4.8026	.29005	1.7135	1.7004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

1883

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.00024	.00999
SDev	.00068	.00257
%RSD	288.72	25.685
#1	.00032	.01265
#2	.00087	.00753
#3	-.00049	.00979
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38436	--	--	--	--	--	--
SDev	167.1242	--	--	--	--	--	--
%RSD	.4348116	--	--	--	--	--	--
#1	38609	--	--	--	--	--	--
#2	38275	--	--	--	--	--	--
#3	38424	--	--	--	--	--	--

Analysis Report 08/17/04 07:58:05 AM

Method: EPA3 Sample Name: N75114-3 Operator:
Run Time: 08/17/04 07:50:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09037	.00437	.00144	.01599	.23005	.08192	.31534
SDev	.00045	.00001	.00054	.00006	.00090	.00037	.00091
%RSD	.49647	.17869	37.505	.35855	.38940	.45613	.28748
#1	.09021	.00437	.00142	.01605	.23064	.08181	.31572
#2	.09087	.00437	.00198	.01595	.23049	.08233	.31600
#3	.09002	.00436	.00090	.01596	.22902	.08161	.31431
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02599	.00028	.10370	.25109	.02273	L-.01860	.04544
SDev	.00025	.00014	.00105	.00076	.00179	.00697	.00152
%RSD	.97094	50.853	1.0159	.30098	7.8817	37.454	3.3496
#1	.02602	.00044	.10464	.25126	.02221	L-.01810	.04715
#2	.02623	.00015	.10391	.25175	.02473	L-.01189	.04497
#3	.02572	.00026	.10256	.25027	.02126	L-.02580	.04421
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00127	-.00402	37.992	14.726	115.35	19.392	30.995
SDev	.00418	.00138	.064	.040	.28	.058	.035
%RSD	328.07	34.297	.16946	.27112	.23902	.29873	.11329
#1	.00300	-.00310	37.982	14.743	115.43	19.395	30.972
#2	.00432	L-.00561	38.061	14.755	115.57	19.448	31.035
#3	-.00349	-.00336	37.934	14.681	115.04	19.332	30.977
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09131	.00318	-.01793	3.1123	.02374	.04967	.04286
SDev	.08143	.00102	.00054	.0167	.00167	.00207	.00141
%RSD	89.173	32.000	3.0195	.53794	7.0546	4.1685	3.2877
#1	.06773	.00342	-.01732	3.1315	.02358	.05153	.04449
#2	.02428	.00406	-.01837	3.1049	.02548	.05004	.04197
#3	.18193	.00207	-.01809	3.1006	.02214	.04744	.04211
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

1885

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00329	.00324
SDev	.00538	.00473
%RSD	163.68	145.81
#1	.00234	.00301
#2	-.00383	.00808
#3	-.00837	-.00136
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38485	--	--	--	--	--	--
SDev	40.41537	--	--	--	--	--	--
%RSD	.1050157	--	--	--	--	--	--
#1	38509	--	--	--	--	--	--
#2	38508	--	--	--	--	--	--
#3	38438	--	--	--	--	--	--

Analysis Report 08/17/04 08:06:53 AM

Method: EPA3 Sample Name: MP26691-MB1 Operator:
Run Time: 08/17/04 07:59:20
Comment: 2
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00018	.00003	.00025	-.00028	.00015	.00012	.00036
SDev	.00010	.00003	.00045	.00030	.00055	.00055	.00013
%RSD	54.755	84.304	181.88	105.51	376.14	470.75	34.387
#1	-.00025	.00000	.00029	-.00040	-.00044	-.00045	.00023
#2	-.00007	.00005	.00067	.00006	.00022	.00063	.00039
#3	-.00021	.00004	-.00022	-.00051	.00066	.00017	.00048
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.00400	.00400	.05000	.01000	.02500	.01500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00085	-.00020	-.00128	-.00003	-.00036	-.00053	.00032
SDev	.00093	.00071	.00369	.00075	.00167	.00657	.00146
%RSD	109.61	362.57	287.85	2417.2	467.63	1245.5	462.03
#1	.00009	-.00088	-.00554	.00062	.00114	-.00777	.00044
#2	.00189	-.00024	.00109	-.00086	-.00215	.00504	.00171
#3	.00057	.00054	.00060	.00015	-.00006	.00115	-.00120
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.04000	.01000	.05000	.02000	.00500	.01000	.00300
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00160	.00461	.00888	.01724	.02727	.00742	-.26052
SDev	.00297	.00215	.00359	.00156	.01692	.00589	.04645
%RSD	186.00	46.536	40.444	9.0313	62.053	79.392	17.828
#1	-.00124	.00467	.00540	.01577	.00945	.00084	-.31402
#2	.00118	H.00673	.01257	.01706	.04313	.01220	-.23049
#3	-.00474	.00244	.00866	.01887	.02924	.00922	-.23705
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00500	.00500	.20000	5.0000	.10000	5.0000	5.0000
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.28441	-.00077	-.00153	.02160	-.00071	-.01370	.00685
SDev	.21139	.00201	.00314	.00201	.00556	.01883	.00975
%RSD	74.325	260.19	205.63	9.3141	777.83	137.43	142.43
#1	-.52490	-.00304	-.00512	.01947	-.00693	-.03543	.01790
#2	-.12800	.00079	-.00017	.02188	.00101	-.00215	.00316
#3	-.20034	-.00007	.00070	.02347	.00378	-.00353	-.00[illegible]
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

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High	5.0000	.00500	.05000	.20000	.01000
Low	-5.0000	-.01000	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.01057	.00257
SDev	.01883	.01028
%RSD	178.19	400.50
#1	-.03211	.01388
#2	.00282	.00004
#3	-.00242	-.00622
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37669	--	--	--	--	--	--
SDev	665.1721	--	--	--	--	--	--
%RSD	1.765819	--	--	--	--	--	--
#1	38434	--	--	--	--	--	--
#2	37228	--	--	--	--	--	--
#3	37346	--	--	--	--	--	--

Method: EPA3 Sample Name: CRIB Operator:
Run Time: 08/17/04 08:07:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.40927	.01097	.00854	.10624	.02165	.05154	.03204
SDev	.00494	.00026	.00011	.00127	.00080	.00112	.00075
%RSD	1.2071	2.3632	1.3354	1.1972	3.6944	2.1731	2.3275
#1	.40359	.01070	.00842	.10491	.02079	.05027	.03127
#2	.41255	.01121	.00857	.10744	.02237	.05237	.03276
#3	.41168	.01099	.00864	.10637	.02179	.05198	.03207
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.40000	.01000	.00800	.10000	.02000	.05000	.03000
Range	30.000	30.000	30.000	30.000	30.000	30.000	30.000

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08426	.02118	.10637	.04213	.00838	.01451	.00473
SDev	.00122	.00040	.00122	.00072	.00245	.00620	.00314
%RSD	1.4501	1.8766	1.1518	1.7147	29.217	42.766	66.513
#1	.08303	.02072	.10496	.04143	Q.00673	Q.01015	Q.00153
#2	.08547	.02147	.10714	.04288	.00721	.02161	Q.00782
#3	.08429	.02134	.10701	.04209	.01119	Q.01176	.00484
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.08000	.02000	.10000	.04000	.01000	.02000	.00600
Range	30.000	30.000	30.000	30.000	30.000	30.000	30.000

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00986	.01033	.40273	5.2393	.19868	5.2431	5.0233
SDev	.00236	.00098	.00619	.0786	.01175	.0595	.0639
%RSD	23.986	9.5281	1.5359	1.5007	5.9152	1.1356	1.2728
#1	.00965	.01052	.39636	5.1505	.18817	5.1758	4.9509
#2	.00760	.00926	.40871	5.3000	.21137	5.2891	5.0720
#3	.01232	.01120	.40312	5.2674	.19650	5.2643	5.0470
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.01000	.01000	.40000	5.0000	.20000	5.0000	5.0000
Range	30.000	30.000	30.000	30.000	30.000	30.000	30.000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.8584	.02319	.10953	.42418	.02462	.00309	.00517
SDev	.1477	.00033	.00265	.00660	.00285	.00329	.00413
%RSD	3.0391	1.4205	2.4219	1.5564	11.591	106.44	79.870
#1	4.7155	.02285	.10682	.41679	Q.02771	-.00023	.00193
#2	4.8493	.02351	.11212	.42950	.02208	.00315	.00983
#3	5.0104	.02322	.10967	.42626	.02408	.00635	.0037[illegible]
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

Value	5.0000	.02000	.10000	.40000	.02000
Range	30.000	30.000	30.000	30.000	30.000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.00904	.00998
SDev	.00403	.00173
%RSD	44.630	17.337
#1	.01005	.00914
#2	.00459	.00883
#3	.01246	.01197
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37543	--	--	--	--	--	--
SDev	354.9725	--	--	--	--	--	--
%RSD	.9455107	--	--	--	--	--	--
#1	37949	--	--	--	--	--	--
#2	37290	--	--	--	--	--	--
#3	37390	--	--	--	--	--	--

Analysis Report QC Standard 08/17/04 08:29:07 AM

Method: EPA3 Sample Name: ICSA Operator:
Run Time: 08/17/04 08:21:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00341	.00035	.00143	.00230	-.00043	.00090	-.00045
SDev	.00013	.00001	.00015	.00052	.00037	.00030	.00003
%RSD	3.7402	2.1647	10.356	22.867	85.628	33.549	5.9834
#1	.00340	.00034	.00160	.00169	-.00074	.00056	-.00046
#2	.00354	.00035	.00134	.00255	-.00002	.00102	-.00042
#3	.00328	.00035	.00136	.00265	-.00053	.00113	-.00046
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.20000	.00400	.00400	.05000	.01000	.02500	.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00125	.00044	.00461	-.00062	.00105	.00879	-.00012
SDev	.00116	.00025	.00018	.00052	.00159	.00287	.00190
%RSD	92.891	56.906	3.9049	83.401	151.24	32.643	1644.7
#1	-.00188	.00073	.00465	-.00014	-.00077	Q.01080	-.00229
#2	-.00196	.00028	.00442	-.00117	.00212	.00550	.00116
#3	.00009	.00031	.00478	-.00055	.00180	Q.01007	.00079
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.04000	.01000	.05000	.02000	.00500	.01000	.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00171	.00039	528.28	527.79	198.69	523.62	-.09896
SDev	.00126	.00130	4.22	5.28	1.65	4.46	.01679
%RSD	73.799	333.58	.79950	.99966	.82880	.85099	16.970
#1	-.00093	-.00097	524.14	522.59	197.08	519.35	-.11481
#2	-.00317	.00163	532.58	533.14	200.37	528.24	-.08136
#3	-.00103	.00051	528.13	527.63	198.63	523.27	-.10071
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	500.00	500.00	200.00	500.00	.00000
Range	.00500	.00500	100.00	100.00	40.000	100.00	5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.26321	.00197	.00016	.06035	.00719	-.00611	.00251
SDev	.12784	.00151	.00068	.00188	.00220	.00311	.00349
%RSD	48.571	76.753	435.54	3.1179	30.536	50.815	139.17
#1	-.38909	.00359	.00043	.05839	.00466	-.00509	-.00127
#2	-.13349	.00173	-.00061	.06214	.00845	-.00365	.00319
#3	-.26704	.00059	.00065	.06051	.00847	-.00960	.00561
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

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Value	.00000	.00000	.00000	.00000	.00000
Range	5.0000	.00500	.05000	.20000	.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.01321	.00370
SDev	.00592	.00429
%RSD	44.837	115.89
#1	-.01030	.00342
#2	-.00930	-.00044
#3	-.02002	.00812
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35856	--	--	--	--	--	--
SDev	298.6797	--	--	--	--	--	--
%RSD	.8330039	--	--	--	--	--	--
#1	36097	--	--	--	--	--	--
#2	35522	--	--	--	--	--	--
#3	35949	--	--	--	--	--	--

Analysis Report QC Standard 08/17/04 08:36:43 AM

Method: EPA3 Sample Name: ICSAB Operator:
Run Time: 08/17/04 08:29:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51285	.47995	.98637	.50161	.49027	.51066	.49080
SDev	.00017	.00079	.00082	.00100	.00114	.00108	.00089
%RSD	.03252	.16403	.08327	.20018	.23264	.21214	.18178
#1	.51304	.47917	.98684	.50061	.48917	.51175	.49005
#2	.51273	.48075	.98542	.50261	.49145	.51064	.49179
#3	.51278	.47994	.98685	.50160	.49018	.50958	.49057
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	1.0000	.50000	.50000	.50000	.50000
Range	.10000	.10000	.20000	.10000	.10000	.10000	.10000

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0048	1.0526	.51523	.96046	1.0811	.97970	1.0151
SDev	.0024	.0011	.00217	.00117	.0018	.00660	.0062
%RSD	.23626	.10779	.42084	.12215	.16217	.67323	.61141
#1	1.0061	1.0517	.51519	.95964	1.0807	.97210	1.0109
#2	1.0062	1.0539	.51743	.96180	1.0796	.98306	1.0222
#3	1.0020	1.0522	.51309	.95994	1.0830	.98394	1.0121
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.0000	1.0000	.50000	1.0000	1.0000	1.0000	1.0000
Range	.20000	.20000	.10000	.20000	.20000	.20000	.20000

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0536	1.0246	539.78	555.56	210.16	538.37	-.04998
SDev	.0008	.0021	.39	2.01	.31	.34	.01619
%RSD	.07478	.20339	.07304	.36233	.14529	.06355	32.404
#1	1.0528	1.0268	539.67	553.99	209.94	537.99	-.05407
#2	1.0537	1.0227	540.22	557.83	210.51	538.65	-.03213
#3	1.0544	1.0241	539.45	554.86	210.02	538.46	-.06373
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK
Value	1.0000	1.0000	500.00	500.00	200.00	500.00	
Range	.20000	.20000	100.00	100.00	40.000	100.00	

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.26718	.51628	.52926	.04888	.00865	1.0160	1.0142
SDev	.03907	.00212	.00075	.00250	.00265	.0095	.0060
%RSD	14.624	.41082	.14094	5.1121	30.627	.93814	.58765
#1	-.23059	.51867	.52999	.05175	.00785	1.0156	1.0081
#2	-.30833	.51463	.52928	.04714	.00650	1.0257	1.0200
#3	-.26261	.51554	.52850	.04776	.01161	1.0067	1.0144
Errors	NOCHECK	QC Pass	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK

Value		.50000	.50000
Range		.10000	.10000
Elem	1960/1	1960/2	
Units	ppm	ppm	
Avge	1.0480	1.0561	
SDev	.0095	.0054	
%RSD	.90513	.51328	
#1	1.0487	1.0545	
#2	1.0570	1.0517	
#3	1.0381	1.0622	
Errors	NOCHECK	NOCHECK	
Value			
Range			

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35740	--	--	--	--	--	--
SDev	268.0064	--	--	--	--	--	--
%RSD	.7498780	--	--	--	--	--	--
#1	35764	--	--	--	--	--	--
#2	35461	--	--	--	--	--	--
#3	35995	--	--	--	--	--	--

Analysis Report QC Standard 08/17/04 08:44:19 AM page 1

Method: EPA3 Sample Name: CCV Operator:
Run Time: 08/17/04 08:36:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0172	2.0595	2.0279	2.0115	2.0420	1.9953	2.0169
SDev	.0116	.0115	.0130	.0123	.0114	.0103	.0123
%RSD	.57332	.55878	.64005	.61042	.56064	.51457	.60970
#1	2.0053	2.0469	2.0140	1.9974	2.0292	1.9844	2.0031
#2	2.0181	2.0622	2.0301	2.0171	2.0456	1.9966	2.0207
#3	2.0283	2.0694	2.0397	2.0200	2.0512	2.0048	2.0268
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0355	.25745	2.0648	2.0106	2.0316	2.0101	2.0267
SDev	.0122	.00149	.0098	.0133	.0140	.0086	.0074
%RSD	.59900	.57882	.47532	.66192	.68836	.42775	.36589
#1	2.0215	.25577	2.0537	1.9954	2.0157	2.0015	2.0183
#2	2.0410	.25796	2.0684	2.0160	2.0374	2.0103	2.0295
#3	2.0439	.25861	2.0723	2.0203	2.0418	2.0187	2.0323
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	.25000	2.0000	2.0000	2.0000	2.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0582	2.0236	40.296	40.627	41.569	41.446	39.820
SDev	.0074	.0178	.228	.279	.282	.215	.252
%RSD	.36040	.88205	.56468	.68728	.67835	.51844	.63327
#1	2.0503	2.0037	40.057	40.312	41.264	41.216	39.576
#2	2.0593	2.0290	40.321	40.721	41.624	41.482	39.805
#3	2.0650	2.0382	40.510	40.846	41.820	41.641	40.080
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	2.0000	40.000	40.000	40.000	40.000	40.000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	40.627	2.0490	1.9736	5.1895	2.0632	2.0344	2.0225
SDev	.275	.0126	.0108	.0365	.0071	.0041	.0132
%RSD	.67721	.61555	.54745	.70423	.34644	.19914	.65325
#1	40.318	2.0348	1.9612	5.1482	2.0553	2.0387	2.0076
#2	40.719	2.0531	1.9785	5.2026	2.0690	2.0336	2.0271
#3	40.845	2.0590	1.9811	5.2177	2.0654	2.0307	2.0328
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

Value	40.000	2.0000	2.0000	5.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	2.0574	2.0583
SDev	.0059	.0141
%RSD	.28638	.68442
#1	2.0638	2.0432
#2	2.0561	2.0606
#3	2.0523	2.0710
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37445	--	--	--	--	--	--
SDev	66.17410	--	--	--	--	--	--
%RSD	.1767219	--	--	--	--	--	--
#1	37504	--	--	--	--	--	--
#2	37458	--	--	--	--	--	--
#3	37374	--	--	--	--	--	--

Analysis Report QC Standard 08/17/04 08:51:55 AM

Method: EPA3 Sample Name: CCB
Run Time: 08/17/04 08:44:23 Operator:
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00012	Q.00082	.00084	.00085	.00058	.00027	.00095
SDev	.00012	.00010	.00031	.00027	.00063	.00040	.00016
%RSD	107.15	11.641	36.784	31.474	109.08	148.61	17.367
#1	-.00003	Q.00090	Q.00108	.00114	.00123	.00069	.00114
#2	-.00006	Q.00083	Q.00096	.00060	.00055	.00020	.00088
#3	-.00026	Q.00071	.00049	.00082	-.00004	-.00009	.00083
Errors	QC Pass	QC Fail	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.02000	.00050	.00090	.00500	.00240	.00270	.00150

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00046	.00045	.00154	-.00047	-.00362	.00006	-.00046
SDev	.00160	.00018	.00047	.00054	.00317	.00266	.00098
%RSD	349.98	41.125	30.690	114.35	87.801	4302.3	214.99
#1	.00151	.00024	.00154	.00014	-.00059	.00250	-.00049
#2	.00125	.00052	.00107	-.00088	-.00334	.00046	-.00143
#3	-.00139	.00058	.00201	-.00066	Q-.00692	-.00277	.00054
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.00400	.00210	.00500	.00270	.00500	.01000	.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00031	.00097	Q.05129	.04786	.03739	.08356	-.17461
SDev	.00371	.00361	.03416	.03949	.01570	.04440	.01036
%RSD	1216.4	370.61	66.592	82.502	41.983	53.141	5.9346
#1	.00373	Q.00514	Q.08922	.09106	.05437	.13279	-.17012
#2	-.00107	-.00111	Q.04168	.03891	.03438	.07133	-.16725
#3	-.00357	-.00111	.02297	.01362	.02341	.04655	-.18646
Errors	QC Pass	QC Pass	QC Fail	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.00500	.00500	.02970	.50000	.05520	.50000	.50000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.41810	.00248	.00143	-.01126	.00645	-.00236	.00002
SDev	.12769	.00056	.00217	.00208	.00369	.00467	.00254
%RSD	30.540	22.651	151.87	18.446	57.265	197.72	11283.
#1	-.34518	.00210	.00326	-.01169	Q.01008	-.00770	.00265
#2	-.34359	Q.00313	.00200	-.00900	.00657	-.00038	-.00242
#3	Q-.56555	.00222	-.00097	-.01309	.00270	.00099	-.00016
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

Value	.00000	.00000	.00000	.00000	.00000
Range	.50940	.00300	.08100	.02300	.00690

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.00194	-.00174
SDev	.00300	.00413
%RSD	154.78	236.65
#1	.00484	.00286
#2	.00213	-.00299
#3	-.00115	-.00510
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38085	--	--	--	--	--	--
SDev	245.1537	--	--	--	--	--	--
%RSD	.6437002	--	--	--	--	--	--
#1	38366	--	--	--	--	--	--
#2	37912	--	--	--	--	--	--
#3	37978	--	--	--	--	--	--

Analysis Report 08/17/04 09:01:42 AM

Method: EPA3 Sample Name: N74646-11 Operator:
Run Time: 08/17/04 08:54:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04777	.00006	-.00025	-.00076	-.00014	.00012	.17379
SDev	.00021	.00004	.00016	.00093	.00054	.00087	.00061
%RSD	.45059	64.123	63.899	122.44	400.35	707.29	.35020
#1	.04788	.00010	-.00027	-.00017	.00003	.00077	.17413
#2	.04752	.00007	-.00009	-.00028	.00031	.00047	.17416
#3	.04790	.00002	-.00041	-.00183	-.00074	-.00087	.17309
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00050	-.00040	.00025	.01435	-.00020	-.00295	.00028
SDev	.00110	.00058	.00129	.00063	.00195	.00212	.00275
%RSD	221.05	144.81	508.37	4.4196	965.71	71.681	990.42
#1	.00134	-.00034	.00014	.01483	.00018	-.00052	-.00114
#2	.00089	.00014	.00160	.01458	-.00232	-.00395	-.00147
#3	-.00074	-.00101	-.00098	.01363	.00153	-.00439	.00345
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00087	.00045	.02753	73.978	.09687	8.1540	1.2882
SDev	.00371	.00260	.01381	.470	.01467	.0169	.0199
%RSD	429.03	573.16	50.182	.63559	15.142	.20749	1.5464
#1	.00476	.00313	.01266	74.263	.10549	8.1706	1.2871
#2	.00049	.00029	.02996	74.236	.10518	8.1548	1.3086
#3	-.00265	-.00206	.03997	73.435	.07993	8.1368	1.2688
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	14.687	.00054	-.00189	13.681	.00299	-.00415	.00201
SDev	.115	.00081	.00327	.008	.00207	.00238	.00295
%RSD	.78208	149.19	173.50	.05628	69.308	57.306	146.41
#1	14.625	.00112	-.00039	13.688	.00469	-.00527	.00044
#2	14.820	.00089	.00037	13.682	.00361	-.00576	.00019
#3	14.617	-.00038	-.00564	13.673	.00068	-.00142	.00541
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00104	.00150
SDev	.00468	.00435
%RSD	450.63	290.57
#1	.00058	.00652
#2	.00261	-.00090
#3	-.00631	-.00113
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37401	--	--	--	--	--	--
SDev	464.5720	--	--	--	--	--	--
%RSD	1.242145	--	--	--	--	--	--
#1	37102	--	--	--	--	--	--
#2	37165	--	--	--	--	--	--
#3	37936	--	--	--	--	--	--

Analysis Report 08/17/04 09:09:19 AM

Method: EPA3 Sample Name: N74646-11F Operator:
Run Time: 08/17/04 09:01:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04981	.00001	-.00028	.00011	.00023	.00021	.17523
SDev	.00026	.00002	.00045	.00018	.00026	.00007	.00035
%RSD	.52920	212.50	161.27	165.76	113.06	32.280	.20020
#1	.04980	.00003	-.00026	-.00005	.00038	.00022	.17555
#2	.05008	-.00001	.00016	.00030	-.00007	.00014	.17528
#3	.04955	.00000	-.00074	.00007	.00038	.00027	.17486
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00169	-.00029	.00052	.02021	-.00011	-.00527	.00165
SDev	.00189	.00016	.00010	.00046	.00368	.00083	.00194
%RSD	111.99	54.185	18.218	2.2585	3206.6	15.746	117.20
#1	.00187	-.00013	.00047	.01996	-.00128	-.00432	.00235
#2	-.00028	-.00045	.00046	.01994	.00401	-.00584	.00314
#3	.00349	-.00031	.00063	.02074	-.00307	-.00565	-.00054
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00035	-.00025	-.00824	74.230	.07981	8.1895	1.2898
SDev	.00226	.00096	.00329	.064	.00768	.0117	.0068
%RSD	644.09	386.22	39.900	.08611	9.6241	.14310	.52599
#1	-.00047	-.00131	-.00872	74.299	.08852	8.2015	1.2825
#2	-.00138	.00056	-.01125	74.217	.07403	8.1781	1.2958
#3	.00291	.00001	-.00473	74.174	.07688	8.1887	1.2913
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	14.680	.00190	-.00029	13.750	.00333	.00133	.00132
SDev	.052	.00149	.00017	.031	.00315	.00097	.00282
%RSD	.35286	78.232	57.364	.22716	94.783	73.271	213.97
#1	14.621	.00018	-.00011	13.786	.00437	.00245	.00180
#2	14.708	.00273	-.00044	13.731	.00583	.00071	.00386
#3	14.712	.00279	-.00033	13.732	-.00022	.00083	-.00111
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00056	.00048
SDev	.00208	.00235
%RSD	370.46	493.21
#1	-.00147	-.00031
#2	-.00203	-.00138
#3	.00182	.00312
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	36377	--	--	--	--	--	--
SDev	18.31872	--	--	--	--	--	--
%RSD	.0503586	--	--	--	--	--	--
#1	36356	--	--	--	--	--	--
#2	36382	--	--	--	--	--	--
#3	36391	--	--	--	--	--	--

Analysis Report 08/17/04 09:20:12 AM

Method: EPA3 Sample Name: MP26798-MB1 Operator:
Run Time: 08/17/04 09:12:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00077	-.00001	-.00028	.00002	-.00021	.00182	.00012
SDev	.00028	.00004	.00032	.00036	.00026	.00036	.00002
%RSD	36.710	332.44	112.79	1981.8	122.64	19.546	20.019
#1	-.00108	-.00004	-.00035	-.00039	.00003	.00213	.00011
#2	-.00073	.00004	.00006	.00017	-.00018	.00143	.00015
#3	-.00051	-.00004	-.00056	.00028	-.00049	.00189	.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00058	.00048	-.00055	-.00074	-.00352	-.00623	-.00090
SDev	.00204	.00052	.00255	.00021	.00160	.00212	.00133
%RSD	353.28	108.84	460.88	28.448	45.359	34.068	148.95
#1	-.00062	.00012	.00108	-.00091	-.00447	-.00667	-.00072
#2	-.00059	.00025	.00075	-.00081	-.00441	-.00392	-.00231
#3	.00293	.00108	-.00349	-.00050	-.00168	-.00810	.00034
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00090	-.00130	-.00237	.00923	.01395	.00688	-.17500
SDev	.00097	.00229	.00350	.00330	.01537	.00677	.00871
%RSD	107.22	176.01	148.05	35.742	110.13	98.448	4.9766
#1	-.00043	-.00103	-.00603	.00545	-.00213	-.00029	-.16498
#2	-.00026	-.00371	-.00203	.01154	.01551	.00775	-.18079
#3	-.00201	.00084	.00096	.01069	.02848	.01318	-.17922
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.36356	-.00101	.00001	-.00125	.00399	-.01582	.00608
SDev	.05316	.00343	.00119	.00294	.01033	.02051	.01174
%RSD	14.621	340.01	13074.	234.57	258.99	129.64	193.01
#1	-.41860	.00099	-.00115	-.00387	.01098	-.00086	-.00114
#2	-.31252	.00095	-.00005	-.00181	.00886	-.00740	-.00025
#3	-.35957	-.00497	.00123	.00192	-.00788	-.03920	.0196
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

1903

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00686	.00176
SDev	.02228	.00969
%RSD	324.54	551.35
#1	.00279	-.00237
#2	.00896	-.00519
#3	-.03234	.01283
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37083	--	--	--	--	--	--
SDev	278.4080	--	--	--	--	--	--
%RSD	.7507605	--	--	--	--	--	--
#1	37081	--	--	--	--	--	--
#2	37363	--	--	--	--	--	--
#3	36806	--	--	--	--	--	--

Analysis Report 08/17/04 09:27:48 AM

Method: EPA3 Sample Name: MP26798-B1 Operator:
Run Time: 08/17/04 09:20:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.9066	.09928	.10154	.99208	.39886	.49926	.99958
SDev	.0035	.00016	.00036	.00076	.00095	.00038	.00097
%RSD	.08939	.16163	.35015	.07679	.23894	.07612	.09677
#1	3.9096	.09925	.10184	.99209	.39788	.49890	.99903
#2	3.9028	.09946	.10115	.99283	.39890	.49966	1.0007
#3	3.9073	.09914	.10164	.99131	.39979	.49922	.99903
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0059	.09969	1.0028	.99615	3.9108	3.9107	.99761
SDev	.0031	.00017	.0004	.00155	.0049	.0122	.00257
%RSD	.31225	.17428	.03521	.15562	.12646	.31101	.25805
#1	1.0045	.09985	1.0025	.99592	3.9149	3.9222	.99522
#2	1.0095	.09951	1.0032	.99780	3.9053	3.8980	.99727
#3	1.0037	.09970	1.0027	.99473	3.9122	3.9119	1.0003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.8175	.97521	54.750	12.722	53.859	12.502	13.924
SDev	.0171	.00506	.086	.014	.034	.001	.066
%RSD	.44870	.51916	.15715	.10800	.06260	.01157	.47053
#1	3.8077	.97101	54.651	12.709	53.882	12.504	13.854
#2	3.8076	.97380	54.792	12.736	53.875	12.501	13.933
#3	3.8373	.98083	54.807	12.721	53.820	12.502	13.984
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.793	.00158	-.00313	.00064	.00180	1.0013	.99539
SDev	.100	.00101	.00100	.00147	.00369	.0036	.00206
%RSD	.78106	63.932	31.987	229.30	204.32	.36418	.20680
#1	12.714	.00272	-.00382	-.00053	.00596	.99817	.99342
#2	12.905	.00081	-.00359	.00017	-.00107	1.0004	.99521
#3	12.759	.00120	-.00198	.00228	.00053	1.0053	.99753
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	3.8264	3.8127
SDev	.0248	.0145
%RSD	.64694	.37949
#1	3.8051	3.8086
#2	3.8206	3.8008
#3	3.8536	3.8288
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37425	--	--	--	--	--	--
SDev	45.91838	--	--	--	--	--	--
%RSD	.1226942	--	--	--	--	--	--
#1	37375	--	--	--	--	--	--
#2	37466	--	--	--	--	--	--
#3	37434	--	--	--	--	--	--

Analysis Report 08/17/04 09:35:24 AM

Method: EPA3 Sample Name: MP26798-S1 Operator:
Run Time: 08/17/04 09:27:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.4222	.08589	.08591	.84461	.40848	.46883	.97496
SDev	.0075	.00010	.00038	.00087	.00108	.00048	.00112
%RSD	.21934	.11270	.44079	.10315	.26438	.10231	.11505
#1	3.4301	.08593	.08623	.84411	.40903	.46899	.97531
#2	3.4151	.08578	.08601	.84411	.40723	.46829	.97370
#3	3.4215	.08597	.08549	.84562	.40917	.46922	.97586
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.87021	.08501	.93051	1.0593	3.2988	3.2868	.86856
SDev	.00320	.00044	.00168	.0002	.0018	.0033	.00432
%RSD	.36829	.52209	.18046	.02163	.05320	.10095	.49774
#1	.87219	.08552	.93231	1.0592	3.2969	3.2875	.86411
#2	.87192	.08468	.92899	1.0591	3.2990	3.2831	.86884
#3	.86651	.08484	.93023	1.0596	3.3004	3.2896	.87274
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.2214	.52010	95.766	11.998	114.72	13.912	13.064
SDev	.0157	.00290	.094	.014	.10	.012	.014
%RSD	.48611	.55703	.09795	.11291	.08753	.08699	.10914
#1	3.2035	.51816	95.789	11.998	114.80	13.917	13.081
#2	3.2284	.51872	95.662	11.984	114.61	13.899	13.056
#3	3.2323	.52343	95.845	12.011	114.75	13.921	13.057
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.686	.00884	-.01599	2.0026	.02079	.87385	.86556
SDev	.057	.00070	.00049	.0046	.00245	.00354	.00648
%RSD	.53059	7.8768	3.0886	.23019	11.766	.40484	.74902
#1	10.751	.00959	-.01579	2.0067	.02106	.87518	.85822
#2	10.649	.00821	-.01563	2.0036	.01822	.86984	.86799
#3	10.657	.00872	-.01656	1.9976	.02309	.87654	.87049
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	3.2238	3.2199
SDev	.0131	.0171
%RSD	.40602	.53148
#1	3.2087	3.2005
#2	3.2322	3.2262
#3	3.2304	3.2330
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38156	--	--	--	--	--	--
SDev	52.40498	--	--	--	--	--	--
%RSD	.1373440	--	--	--	--	--	--
#1	38209	--	--	--	--	--	--
#2	38104	--	--	--	--	--	--
#3	38155	--	--	--	--	--	--

Analysis Report 08/17/04 09:43:00 AM

Method: EPA3 Sample Name: MP26798-S2 Operator:
Run Time: 08/17/04 09:35:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.5003	.08943	.08993	.87843	.41279	.47436	.97617
SDev	.0058	.00023	.00084	.00346	.00138	.00125	.00227
%RSD	.16545	.25262	.93738	.39346	.33447	.26310	.23262
#1	3.4994	.08936	.09089	.87733	.41418	.47547	.97647
#2	3.5065	.08968	.08930	.88230	.41279	.47460	.97827
#3	3.4951	.08924	.08960	.87566	.41142	.47301	.97376
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.90244	.08754	.94930	1.0834	3.4147	3.4294	.90350
SDev	.00335	.00013	.00320	.0027	.0065	.0099	.00273
%RSD	.37132	.15041	.33724	.24609	.19080	.28950	.30205
#1	.90630	.08747	.94994	1.0811	3.4076	3.4354	.90367
#2	.90077	.08769	.95214	1.0863	3.4161	3.4349	.90614
#3	.90025	.08745	.94583	1.0829	3.4204	3.4180	.90069
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.3452	.55611	91.396	12.255	98.686	14.090	13.129
SDev	.0047	.00150	.137	.040	.243	.043	.024
%RSD	.14068	.26879	.15021	.32648	.24619	.30324	.18295
#1	3.3471	.55479	91.428	12.238	98.638	14.108	13.127
#2	3.3487	.55773	91.515	12.300	98.950	14.121	13.154
#3	3.3399	.55582	91.246	12.225	98.471	14.042	13.106
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.919	.00845	-.01322	2.0158	.02141	.90626	.90170
SDev	.137	.00069	.00102	.0101	.00269	.00294	.00546
%RSD	1.2565	8.1616	7.7125	.49885	12.572	.32462	.60571
#1	10.764	.00845	-.01406	2.0179	.02144	.90677	.90166
#2	11.025	.00776	-.01209	2.0246	.02408	.90309	.90719
#3	10.968	.00913	-.01352	2.0048	.01870	.90891	.89627
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	3.3524	3.3413
SDev	.0070	.0053
%RSD	.21018	.15862
#1	3.3599	3.3404
#2	3.3514	3.3470
#3	3.3459	3.3365
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	38401	--	--	--	--	--	--
SDev	192.6864	--	--	--	--	--	--
%RSD	.5017700	--	--	--	--	--	--
#1	38318	--	--	--	--	--	--
#2	38264	--	--	--	--	--	--
#3	38622	--	--	--	--	--	--

Analysis Report 08/17/04 09:51:59 AM

Method: EPA3 Sample Name: N74433-1 Operator:
Run Time: 08/17/04 09:44:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11514	.00090	.00045	.00891	.06586	.04174	.11806
SDev	.00036	.00003	.00018	.00027	.00043	.00048	.00049
%RSD	.31413	3.1760	40.039	2.9996	.64965	1.1560	.41871
#1	.11508	.00092	.00060	.00922	.06596	.04222	.11814
#2	.11552	.00091	.00025	.00879	.06624	.04174	.11850
#3	.11480	.00087	.00050	.00872	.06540	.04126	.11752
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	22.500	22.500	45.000	45.000	45.000	22.500
Low	-.20000	-.00400	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02123	.00019	.08707	.20065	.01374	-.00424	.02945
SDev	.00076	.00042	.00039	.00120	.00380	.00771	.00187
%RSD	3.5567	226.07	.45105	.59843	27.678	182.02	6.3484
#1	.02210	.00065	.08683	.20102	.01782	.00453	.03068
#2	.02072	.00008	.08752	.20162	.01030	-.00725	.02730
#3	.02087	-.00017	.08686	.19931	.01310	-.00998	.03036
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	45.000	22.500	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00008	.00217	46.774	1.1655	54.161	3.4217	2.3641
SDev	.00060	.00218	.159	.0020	.190	.0086	.0104
%RSD	789.60	100.58	.33973	.17111	.35129	.25044	.43815
#1	.00073	.00425	46.645	1.1650	54.124	3.4171	2.3527
#2	-.00005	-.00009	46.951	1.1677	54.368	3.4316	2.3730
#3	-.00045	.00233	46.725	1.1638	53.993	3.4163	2.3665
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15729	.00838	-.01304	1.8986	.02262	.02850	.02945
SDev	.03964	.00032	.00072	.0036	.00225	.00575	.00157
%RSD	25.200	3.8809	5.4916	.18837	9.9556	20.187	5.3253
#1	.11417	.00873	-.01225	1.8966	.02323	.02884	.03113
#2	.19215	.00810	-.01323	1.8966	.02450	.02258	.02918
#3	.16556	.00830	-.01364	1.9028	.02013	.03407	.0280[illegible]
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

1911

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00399	.00179
SDev	.00154	.00079
%RSD	38.635	44.073
#1	-.00355	.00255
#2	-.00272	.00097
#3	-.00571	.00186
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37887	--	--	--	--	--	--
SDev	156.1164	--	--	--	--	--	--
%RSD	.4120529	--	--	--	--	--	--
#1	37834	--	--	--	--	--	--
#2	37765	--	--	--	--	--	--
#3	38063	--	--	--	--	--	--

Method: EPA3 Sample Name: CRIB Operator:
Run Time: 08/17/04 09:52:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.41138	.01093	.00867	.10678	.02160	.05182	.03206
SDev	.00060	.00005	.00030	.00041	.00078	.00041	.00008
%RSD	.14475	.49119	3.4683	.38291	3.6263	.79838	.24892
#1	.41097	.01088	.00890	.10645	.02070	.05140	.03203
#2	.41110	.01092	.00877	.10664	.02197	.05182	.03215
#3	.41206	.01099	.00833	.10724	.02213	.05223	.03199
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.40000	.01000	.00800	.10000	.02000	.05000	.03000
Range	30.000	30.000	30.000	30.000	30.000	30.000	30.000

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08499	.02110	.10698	.04208	.01001	.01893	Q.00349
SDev	.00147	.00017	.00017	.00060	.00183	.00387	.00166
%RSD	1.7352	.80458	.16386	1.4291	18.256	20.460	47.399
#1	.08383	.02093	.10718	.04174	.00886	.02158	Q.00172
#2	.08449	.02127	.10689	.04173	.00905	.01449	.00500
#3	.08665	.02110	.10686	.04277	.01212	.02073	Q.00375
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail
Value	.08000	.02000	.10000	.04000	.01000	.02000	.00600
Range	30.000	30.000	30.000	30.000	30.000	30.000	30.000

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00967	.01263	.40910	5.2975	.20352	5.2755	5.0634
SDev	.00126	.00323	.00177	.0108	.00677	.0110	.0154
%RSD	13.001	25.526	.43359	.20476	3.3252	.20911	.30490
#1	.00869	Q.01634	.40719	5.3001	.20632	5.2753	5.0523
#2	.01109	.01045	.40943	5.2856	.19580	5.2646	5.0569
#3	.00925	.01111	.41069	5.3069	.20844	5.2866	5.0810
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.01000	.01000	.40000	5.0000	.20000	5.0000	5.0000
Range	30.000	30.000	30.000	30.000	30.000	30.000	30.000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.8479	.02301	.10953	.42674	Q.02664	.00465	.00259
SDev	.0428	.00116	.00068	.00144	.00008	.00349	.00103
%RSD	.88283	5.0420	.62219	.33784	.29100	75.051	39.837
#1	4.7990	.02176	.10914	.42586	Q.02672	.00167	.00143
#2	4.8664	.02320	.11032	.42595	Q.02657	.00848	.00294
#3	4.8783	.02406	.10914	.42840	Q.02662	.00379	.00340
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail	NOCHECK	NOCHECK

Value	5.0000	.02000	.10000	.40000	.02000
Range	30.000	30.000	30.000	30.000	30.000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.00848	.00996
SDev	.00234	.00200
%RSD	27.610	20.115
#1	.01009	.00770
#2	.00956	.01153
#3	.00579	.01065
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37065	--	--	--	--	--	--
SDev	92.54054	--	--	--	--	--	--
%RSD	.2496723	--	--	--	--	--	--
#1	37164	--	--	--	--	--	--
#2	36981	--	--	--	--	--	--
#3	37050	--	--	--	--	--	--

Analysis Report QC Standard 08/17/04 10:07:27 AM

Method: EPA3 Sample Name: ICSA Operator:
Run Time: 08/17/04 09:59:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00314	.00029	.00135	.00202	-.00050	.00116	-.00048
SDev	.00010	.00003	.00069	.00081	.00030	.00083	.00010
%RSD	3.2563	9.4862	51.056	40.031	60.078	71.670	21.090
#1	.00311	.00029	.00064	.00110	-.00070	.00092	-.00036
#2	.00306	.00027	.00139	.00237	-.00015	.00047	-.00056
#3	.00326	.00032	.00203	.00261	-.00064	.00208	-.00051
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.20000	.00400	.00400	.05000	.01000	.02500	.01500

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00084	.00024	.00480	-.00115	-.00214	.00821	-.00010
SDev	.00141	.00070	.00052	.00013	.00579	.00742	.00074
%RSD	167.65	295.95	10.878	11.045	270.62	90.432	712.38
#1	-.00129	-.00013	.00457	-.00127	-.00243	.00878	.00063
#2	.00074	-.00020	.00443	-.00115	.00379	Q.01533	-.00086
#3	-.00198	.00105	.00539	-.00102	Q-.00777	.00052	-.00009
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.04000	.01000	.05000	.02000	.00500	.01000	.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00101	-.00069	522.38	541.61	202.20	520.40	-.05641
SDev	.00213	.00285	2.66	7.59	.49	2.27	.02170
%RSD	210.09	410.77	.50931	1.4013	.24023	.43559	38.461
#1	.00098	.00118	522.12	536.88	201.94	519.26	-.07540
#2	-.00326	.00072	519.86	537.59	201.90	518.92	-.06107
#3	-.00076	-.00398	525.16	550.37	202.76	523.01	-.03277
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	500.00	500.00	200.00	500.00	.00000
Range	.00500	.00500	100.00	100.00	40.000	100.00	5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.31439	.00197	-.00139	.01637	.00666	.00153	-.00134
SDev	.10157	.00288	.00202	.00331	.00475	.00431	.00274
%RSD	32.306	146.34	145.04	20.250	71.360	282.59	205.02
#1	-.40936	Q.00509	-.00357	.01360	Q.01139	-.00233	.00169
#2	-.20731	-.00058	-.00102	.01547	.00670	.00073	-.00206
#3	-.32649	.00139	.00041	.02004	.00189	.00618	-.00364
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

Value	.00000	.00000	.00000	.00000	.00000
Range	5.0000	.00500	.05000	.20000	.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00502	.00065
SDev	.00167	.00400
%RSD	33.335	611.77
#1	-.00613	.00420
#2	-.00309	-.00367
#3	-.00583	.00143
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35983	--	--	--	--	--	--
SDev	223.8296	--	--	--	--	--	--
%RSD	.6220439	--	--	--	--	--	--
#1	36143	--	--	--	--	--	--
#2	36078	--	--	--	--	--	--
#3	35727	--	--	--	--	--	--

Analysis Report QC Standard 08/17/04 10:15:04 AM

Method: EPA3 Sample Name: ICSAB Operator:
Run Time: 08/17/04 10:07:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51673	.48187	.98858	.50467	.49115	.51445	.49330
SDev	.00223	.00383	.00980	.00458	.00431	.00146	.00298
%RSD	.43186	.79488	.99181	.90706	.87724	.28419	.60336
#1	.51419	.48600	.99949	.50981	.49587	.51310	.49636
#2	.51761	.47843	.98052	.50103	.48743	.51424	.49042
#3	.51838	.48118	.98571	.50317	.49013	.51600	.49311
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	1.0000	.50000	.50000	.50000	.50000
Range	.10000	.10000	.20000	.10000	.10000	.10000	.10000

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0050	1.0583	.51413	.96151	1.0826	.97849	1.0188
SDev	.0094	.0018	.00240	.01076	.0031	.00968	.0054
%RSD	.93220	.17293	.46637	1.1194	.29033	.98969	.52795
#1	1.0154	1.0579	.51679	.97357	1.0841	.98950	1.0181
#2	.99740	1.0567	.51214	.95287	1.0790	.97467	1.0138
#3	1.0020	1.0603	.51347	.95810	1.0847	.97129	1.0245
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.0000	1.0000	.50000	1.0000	1.0000	1.0000	1.0000
Range	.20000	.20000	.10000	.20000	.20000	.20000	.20000

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0547	1.0314	543.14	557.93	209.86	538.63	-.04567
SDev	.0058	.0014	1.78	5.46	1.36	2.70	.02694
%RSD	.55233	.14006	.32729	.97886	.64894	.50114	58.983
#1	1.0565	1.0309	541.36	563.85	211.31	541.28	-.01902
#2	1.0481	1.0331	543.13	553.08	208.60	535.88	-.07289
#3	1.0593	1.0304	544.92	556.85	209.68	538.71	-.04510
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK
Value	1.0000	1.0000	500.00	500.00	200.00	500.00	
Range	.20000	.20000	100.00	100.00	40.000	100.00	

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04861	.51605	.53595	.05393	.00729	1.0263	1.0147
SDev	.50625	.00200	.00104	.00230	.00227	.0132	.0070
%RSD	1041.4	.38858	.19366	4.2668	31.127	1.2847	.69307
#1	.62848	.51824	.53635	.05643	.00708	1.0381	1.0078
#2	-.17726	.51430	.53477	.05189	.00965	1.0120	1.0143
#3	-.30538	.51562	.53673	.05347	.00513	1.0288	1.0218
Errors	NOCHECK	QC Pass	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK

Value	.50000	.50000
Range	.10000	.10000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	1.0605	1.0514
SDev	.0117	.0059
%RSD	1.1000	.55930
#1	1.0719	1.0485
#2	1.0486	1.0476
#3	1.0610	1.0582
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35169	--	--	--	--	--	--
SDev	184.8760	--	--	--	--	--	--
%RSD	.5256818	--	--	--	--	--	--
#1	35330	--	--	--	--	--	--
#2	35209	--	--	--	--	--	--
#3	34967	--	--	--	--	--	--

Analysis Report QC Standard 08/17/04 10:22:40 AM

Method: EPA3 Sample Name: CCV Operator:
Run Time: 08/17/04 10:15:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0432	Q2.1095	2.0811	2.0619	2.0838	2.0219	2.0620
SDev	.0053	.0029	.0018	.0044	.0020	.0053	.0032
%RSD	.25951	.13957	.08709	.21201	.09361	.26053	.15587
#1	2.0435	Q2.1074	2.0832	2.0585	2.0823	2.0204	2.0603
#2	2.0378	Q2.1083	2.0802	2.0605	2.0831	2.0175	2.0600
#3	2.0483	Q2.1129	2.0800	2.0668	2.0860	2.0277	2.0657
Errors	QC Pass	QC Fail	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0756	.26082	2.0961	2.0706	2.0647	2.0451	2.0704
SDev	.0031	.00027	.0067	.0019	.0030	.0032	.0036
%RSD	.14839	.10518	.31752	.09366	.14446	.15561	.17479
#1	2.0741	.26113	Q2.1001	2.0687	2.0625	2.0415	2.0674
#2	2.0735	.26073	2.0885	2.0726	2.0681	2.0459	2.0744
#3	2.0791	.26060	2.0998	2.0706	2.0635	2.0477	2.0694
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	.25000	2.0000	2.0000	2.0000	2.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0972	2.0612	40.842	41.639	Q42.330	Q42.172	40.247
SDev	.0035	.0023	.067	.070	.027	.040	.089
%RSD	.16809	.11249	.16373	.16718	.06358	.09379	.21994
#1	2.0951	2.0590	40.797	41.574	Q42.333	Q42.157	40.188
#2	Q2.1013	2.0609	40.810	41.631	Q42.302	Q42.142	40.205
#3	2.0952	2.0636	40.918	41.712	Q42.356	Q42.217	40.349
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail	QC Fail	QC Pass
Value	2.0000	2.0000	40.000	40.000	40.000	40.000	40.000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	41.052	2.0777	2.0026	Q5.2902	2.0995	2.0686	2.0710
SDev	.116	.0056	.0017	.0015	.0090	.0043	.0052
%RSD	.28275	.26753	.08601	.02855	.42888	.20676	.25194
#1	41.017	2.0729	2.0014	Q5.2893	2.0973	2.0642	2.0686
#2	40.958	2.0765	2.0018	Q5.2894	2.0919	2.0686	2.0769
#3	41.182	2.0838	2.0046	Q5.2919	Q2.1094	2.0728	2.0673
Errors	QC Pass	QC Pass	QC Pass	QC Fail	QC Pass	NOCHECK	NOCHECK

Value	40.000	2.0000	2.0000	5.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	2.0856	2.1027
SDev	.0017	.0051
%RSD	.08197	.24125
#1	2.0868	2.0990
#2	2.0862	2.1085
#3	2.0836	2.1007
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37162	--	--	--	--	--	--
SDev	3.201172	--	--	--	--	--	--
%RSD	.0086140	--	--	--	--	--	--
#1	37166	--	--	--	--	--	--
#2	37162	--	--	--	--	--	--
#3	37159	--	--	--	--	--	--

Analysis Report QC Standard 08/17/04 10:30:16 AM

Method: EPA3 Sample Name: CCB
Run Time: 08/17/04 10:22:44 Operator:
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00038	.00041	.00028	.00017	.00022	.00010	.00040
SDev	.00012	.00005	.00040	.00019	.00049	.00043	.00007
%RSD	32.148	11.472	143.60	116.85	229.03	417.31	17.589
#1	-.00052	.00041	.00050	-.00006	-.00034	-.00040	.00034
#2	-.00032	.00046	-.00018	.00028	.00062	.00035	.00038
#3	-.00030	.00037	.00051	.00028	.00037	.00036	.00047
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.02000	.00050	.00090	.00500	.00240	.00270	.00150

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00026	.00028	.00048	-.00068	-.00274	-.00172	-.00136
SDev	.00155	.00011	.00076	.00043	.00335	.00278	.00241
%RSD	601.89	41.068	157.10	63.184	122.40	161.25	176.42
#1	.00106	.00037	-.00037	-.00059	Q-.00570	-.00010	Q-.00413
#2	.00013	.00015	.00107	-.00030	.00090	-.00494	.00020
#3	-.00197	.00032	.00075	-.00115	-.00340	-.00014	-.00015
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.00400	.00210	.00500	.00270	.00500	.01000	.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00041	-.00106	.02062	.01462	.01509	.03661	-.21645
SDev	.00322	.00256	.00203	.00124	.00522	.00264	.00464
%RSD	789.40	241.08	9.8602	8.5029	34.610	7.1970	2.1460
#1	.00200	-.00402	.01848	.01579	.02107	.03951	-.21621
#2	.00084	.00054	.02085	.01332	.01141	.03595	-.21193
#3	-.00406	.00029	.02253	.01475	.01280	.03437	-.22121
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.00500	.00500	.02970	.50000	.05520	.50000	.50000

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.30868	.00168	.00024	-.00734	.00466	-.00271	-.00117
SDev	.05705	.00109	.00093	.00098	.00222	.00235	.00245
%RSD	18.481	64.914	388.93	13.396	47.697	86.519	209.43
#1	-.25252	.00161	.00006	-.00688	.00467	-.00542	-.00397
#2	-.36658	.00280	-.00059	-.00667	.00244	-.00149	.00056
#3	-.30694	.00062	.00124	-.00847	.00688	-.00123	-.00009
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

Value	.00000	.00000	.00000	.00000	.00000
Range	.50940	.00300	.08100	.02300	.00690

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.00233	-.00210
SDev	.00558	.00348
%RSD	239.69	165.79
#1	.00875	-.00170
#2	-.00045	.00116
#3	-.00132	-.00575
Errors	NOCHECK	NOCHECK
Value		
Range		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	37423	--	--	--	--	--	--
SDev	64.42042	--	--	--	--	--	--
%RSD	.1721391	--	--	--	--	--	--
#1	37398	--	--	--	--	--	--
#2	37376	--	--	--	--	--	--
#3	37497	--	--	--	--	--	--

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: N74646
Account: ENSRMAA - ENSR Consulting & Engineering
Project: Former Camp Butner, NC

File ID: IR0817M1.ASC
Analyst: JDM
Parameters: Al,Ca

Date Analyzed: 08/17/04
Run ID: MA14303

Methods: EPA 200.7, SW846 6010B

Time	Sample Description	Dilution Factor	PS Recov	Comments
12:20	MA14303-STD1	1		STDA
12:28	MA14303-STD2	1		STDB
12:35	MA14303-STD3	1		STDC
12:41	MA14303-STD4	1		STDD
12:46	MA14303-STD5	1		STDE
12:56	MA14303-STD6	1		STDA
13:00	MA14303-STD7	1		STDA
13:08	MA14303-STD8	1		STDA
13:21	MA14303-STD9	1		STDB
13:24	MA14303-STD10	1		STDB
13:38	MA14303-STD11	1		STDB
13:42	MA14303-STD12	1		STDE
13:47	MA14303-STD13	1		STDE
13:51	MA14303-STD14	1		STDE
13:54	MA14303-HSTD1	1		
14:15	MA14303-CRIB1	1		
14:23	MA14303-ICV1	1		
14:31	MA14303-ICB1	1		
14:39	MA14303-CCV1	1		
14:47	MA14303-CCB1	1		
15:05	MA14303-ICSA1	1		
15:13	MA14303-ICSAB1	1		
15:21	MA14303-CCV2	1		
15:29	MA14303-CCB2	1		
16:12	MP26768-MB1	1		
16:20	MP26768-LC1	1		
16:28	MP26768-S1	2		Ca.
16:36	MP26768-S2	2		Ca.
16:44	N74646-12	1		
16:52	MP26768-SD1	5		
17:00	N74646-13	1		
17:08	N74646-12F	1		
17:16	MA14303-CCV3	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: N74646
Account: ENSRMAA - ENSR Consulting & Engineering
Project: Former Camp Butner, NC

File ID: IR0817M1.ASC
Analyst: JDM
Parameters: Al,Ca

Date Analyzed: 08/17/04
Run ID: MA14303

Methods: EPA 200.7, SW846 6010B

	Time	Sample Description	Dilution Factor	PS Recov	Comments
	17:24	MA14303-CCB3	1		
	17:32	N74646-13F	1		
	17:48	MP26768-S1	1		Al.
	17:55	MP26768-S2	1		Al.
---------->	Last reportable sample/prep for job N74646				
	18:05	MA14303-CRIB2	1		
	18:13	MA14303-ICSA2	1		
	18:21	MA14303-ICSAB2	1		
	18:29	MA14303-CCV4	1		
	18:37	MA14303-CCB4	1		
---------->	Last reportable CCB for job N74646				
	18:55	MP26794-MB3	1		
	19:03	MP26794-B3	1		
	19:11	MP26794-S1	1		
	19:19	MP26794-S2	1		
	19:27	N75131-17	1		(sample used for QC only; not part of login N74646)
	19:35	MP26794-SD1	5		
	19:43	ZZZZZZ	1		
	19:51	ZZZZZZ	1		
	19:59	MA14303-CCV5	1		
	20:07	MA14303-CCB5	1		
	20:15	ZZZZZZ	1		
	20:22	ZZZZZZ	1		
	20:30	ZZZZZZ	1		
	20:38	ZZZZZZ	1		
	20:46	ZZZZZZ	1		
	20:54	ZZZZZZ	1		
	21:10	ZZZZZZ	1		
	21:18	ZZZZZZ	1		
	21:26	MP26794-SD1	5		Confirmation.
	21:34	MA14303-CCV6	1		
	21:42	MA14303-CCB6	1		
	21:57	MP26822-MB1	1		
	22:05	MP26822-LC1	1		
	22:12	MP26822-S1	1		

INTERNAL STANDARD SUMMARY

Login Number: N74646
Account: ENSRMAA - ENSR Consulting & Engineering
Project: Former Camp Butner, NC

File ID: IR0817M1.ASC
Analyst: JDM
Parameters: Al,Ca

Date Analyzed: 08/17/04
Run ID: MA14303

Methods: EPA 200.7, SW846 6010B

Time	Sample Description	Istd#1
12:20	MA14303-STD1	268527 R
12:28	MA14303-STD2	261076
12:35	MA14303-STD3	274406
12:41	MA14303-STD4	261725
12:46	MA14303-STD5	275752
12:56	MA14303-STD6	277544
13:00	MA14303-STD7	278288
13:08	MA14303-STD8	278028
13:21	MA14303-STD9	279295
13:24	MA14303-STD10	278788
13:38	MA14303-STD11	278827
13:42	MA14303-STD12	276413
13:47	MA14303-STD13	275063
13:51	MA14303-STD14	276900
13:54	MA14303-HSTD1	276780
14:15	MA14303-CRIB1	277646
14:23	MA14303-ICV1	277726
14:31	MA14303-ICB1	275285
14:39	MA14303-CCV1	264913
14:47	MA14303-CCB1	272884
15:05	MA14303-ICSA1	259163
15:13	MA14303-ICSAB1	259488
15:21	MA14303-CCV2	272946
15:29	MA14303-CCB2	271326
16:12	MP26768-MB1	275430
16:20	MP26768-LC1	275338
16:28	MP26768-S1	274177
16:36	MP26768-S2	274515
16:44	N74646-12	270806
16:52	MP26768-SD1	279089
17:00	N74646-13	278062
17:08	N74646-12F	272343
17:16	MA14303-CCV3	279400
17:24	MA14303-CCB3	279168

INTERNAL STANDARD SUMMARY

Login Number: N74646
Account: ENSRMAA - ENSR Consulting & Engineering
Project: Former Camp Butner, NC

File ID: IR0817M1.ASC
Analyst: JDM
Parameters: Al,Ca

Date Analyzed: 08/17/04
Run ID: MA14303

Methods: EPA 200.7, SW846 6010B

Time	Sample Description	Istd#1
17:32	N74646-13F	265997
17:48	MP26768-S1	269758
17:55	MP26768-S2	273396
18:05	MA14303-CRIB2	278657
18:13	MA14303-ICSA2	261560
18:21	MA14303-ICSAB2	260705
18:29	MA14303-CCV4	279029
18:37	MA14303-CCB4	278412
18:55	MP26794-MB3	278117
19:03	MP26794-B3	263662
19:11	MP26794-S1	297972
19:19	MP26794-S2	293305
19:27	N75131-17	291749
19:35	MP26794-SD1	282252
19:43	ZZZZZZ	294142
19:51	ZZZZZZ	293009
19:59	MA14303-CCV5	277743
20:07	MA14303-CCB5	277393
20:15	ZZZZZZ	298346
20:22	ZZZZZZ	294022
20:30	ZZZZZZ	296461
20:38	ZZZZZZ	291436
20:46	ZZZZZZ	302075
20:54	ZZZZZZ	294804
21:10	ZZZZZZ	289855
21:18	ZZZZZZ	288168
21:26	MP26794-SD1	283833
21:34	MA14303-CCV6	281129
21:42	MA14303-CCB6	280928
21:57	MP26822-MB1	276716
22:05	MP26822-LC1	262908
22:12	MP26822-S1	246139
22:20	MP26822-S2	255956
22:33	N74129-1	255913

INTERNAL STANDARD SUMMARY

Login Number: N74646
Account: ENSRMAA - ENSR Consulting & Engineering
Project: Former Camp Butner, NC

File ID: IR0817M1.ASC
Analyst: JDM
Parameters: Al,Ca

Date Analyzed: 08/17/04
Run ID: MA14303

Methods: EPA 200.7, SW846 6010B

Time	Sample Description	Istd#1
22:41	MP26822-SD1	272541
22:52	ZZZZZZ	276323
23:00	ZZZZZZ	285904
23:08	MA14303-CCV7	281918
23:16	MA14303-CCB7	281183
23:45	MA14303-CRIB3	282145
23:59	MA14303-ICSA3	263979
00:07	MA14303-ICSAB3	250933
00:15	MA14303-CCV8	274234
00:23	MA14303-CCB8	279510

R = Reference for ISTD limits. ! = Outside limits.

LEGEND:

Istd#	Parameter	Limits
Istd#1	Yttrium	60-125 %

LABORATORY REVIEW SIGNATURE FORM
(To be stored with the raw data)

File ID: IR0817M1.ASC
Analyst: JDM

Date Analyzed: 08/17/04
Run ID: MA14303

Methods: EPA 200.7, SW846 6010B

The following analyst(s) have reviewd this run and attest that, to the best of their knowledge, this documentation is complete and correct:

Analyst: Joan McGonagle Date 8/23/04

Analyst: _____ Date _____

Analyst: _____ Date _____

Analyst: _____ Date _____

Analyst: _____ Date _____

Analyst: _____ Date _____

Analyst: _____ Date _____

The following supervisor or their designee has reviewed this run and attests that, to the best of their knowledge, this documentation is complete and correct:

Supervisor (or designee): [illegible] Date 8/28/04

ACCUTEST

Analytical Standards Information Log

Analytical Run ID: HA14303

Standard Type	Standard ID
Calibration Standard A	MA - 75 - 417 - STDA
Calibration Standard B	MA - 75 - 418 - STDB
Calibration Standard C	MA - 75 - 419 - STDC
Calibration Standard D	MA - 75 - 420 - STDD
Calibration Standard E	MA - 75 - 421 - STDE
Internal Standard	MA - 75 - 422 - IS
Initial Calibration Check Standard	MA - 59 - 056 - ICV
High Check Standard	MA - 69 - 201 - HSTD
Continuing Calibration Check Standard	MA - 71 - 206 - CCV
Interfering Element ICSA Standard	MA - 74 - 022 - ICSA
Interfering Element ICSAB Standard	MA - 74 - 021 - ICSAB3
Low Check Standard	MA - 70 - 049 - CRI B

8-17-04

Form: AA-013
Rev. Date: 5/8/2001

Standardization Rpt. 08/17/04 12:28:42 PM page 1

Method: EPA3 Standard: STDA
Run Time: 08/17/04 12:20:47

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Avge	.00101	-.00022	-.00004	-.00005	.00005	.00074	.00001
SDev	.00000	.00000	.00005	.00002	.00001	.00001	.00000
%RSD	.11141	.63414	112.89	33.408	10.257	1.7687	22.353
#1	.00101	-.00022	.00001	-.00007	.00004	.00073	.00001
#2	.00101	-.00022	-.00005	-.00005	.00005	.00075	.00001
#3	.00101	-.00022	-.00008	-.00003	.00005	.00073	.00001

Elem	Ni2316	Ag3280	V 2924	Zn2138	As1890	Tl1908	Al3082
Avge	.00000	-.00001	-.00031	-.00000	-.00015	-.00080	.00473
SDev	.00000	.00001	.00000	.00000	.00008	.00025	.00006
%RSD	336660.	87.603	1.3746	45.103	54.808	31.609	1.3570
#1	-.00000	-.00001	-.00031	-.00000	-.00010	-.00094	.00470
#2	.00000	-.00000	-.00031	-.00001	-.00025	-.00051	.00481
#3	.00000	-.00002	-.00031	-.00000	-.00011	-.00095	.00470

Elem	Ca3179	Fe2714	Mg2790	K 7664	Na3302	2203/1	2203/2
Avge	.00000	.00005	-.00000	.00017	.00042	-.00004	-.00025
SDev	.00000	.00002	.00002	.00000	.00002	.00012	.00010
%RSD	1.6097	45.791	1903.7	2.2390	3.6116	294.29	39.089
#1	.00000	.00003	-.00002	.00017	.00041	.00006	-.00014
#2	.00000	.00005	-.00001	.00017	.00044	-.00002	-.00029
#3	.00000	.00007	.00003	.00017	.00042	-.00017	-.00031

Elem	1960/1	1960/2	2068/1	2068/2
Avge	-.00036	.00051	-.00022	.00012
SDev	.00003	.00009	.00016	.00002
%RSD	8.3370	17.230	73.639	17.527
#1	-.00033	.00062	-.00031	.00014
#2	-.00039	.00048	-.00032	.00013
#3	-.00035	.00045	-.00003	.00010

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	268526	--	--	--	--	--	--
SDev	4282.899	--	--	--	--	--	--
%RSD	1.594963	--	--	--	--	--	--
#1	271119	--	--	--	--	--	--
#2	263583	--	--	--	--	--	--
#3	270878	--	--	--	--	--	--

Method: EPA3 Standard: STDB
Run Time: 08/17/04 12:28:46

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Avge	.07358	.20400	.34747	.07768	.09159	.19023	.06308
SDev	.00010	.00036	.00039	.00005	.00022	.00064	.00015
%RSD	.13792	.17819	.11337	.06764	.24154	.33910	.24031
#1	.07355	.20376	.34707	.07764	.09154	.19010	.06297
#2	.07369	.20381	.34747	.07766	.09139	.19093	.06302
#3	.07350	.20441	.34786	.07774	.09183	.18966	.06325

Elem	Ni2316	Zn2138	As1890	Tl1908	2203/1	2203/2	1960/1
Avge	.00988	.02871	.09133	.16336	.16125	.16891	.08413
SDev	.00001	.00003	.00029	.00033	.00051	.00094	.00015
%RSD	.12034	.09834	.31446	.20059	.31859	.55667	.18433
#1	.00988	.02870	.09114	.16359	.16086	.16841	.08412
#2	.00989	.02869	.09166	.16299	.16183	.16999	.08429
#3	.00986	.02874	.09118	.16351	.16105	.16832	.08398

Elem	1960/2
Avge	.15923
SDev	.00088
%RSD	.55434
#1	.15865
#2	.16025
#3	.15880

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	261076	--	--	--	--	--	--
SDev	586.0785	--	--	--	--	--	--
%RSD	.2244862	--	--	--	--	--	--
#1	261260	--	--	--	--	--	--
#2	260420	--	--	--	--	--	--
#3	261548	--	--	--	--	--	--

Method: EPA3 Standard: STDC
Run Time: 08/17/04 12:35:39

Elem	Ag3280	2068/1	2068/2
Avge	.02293	.15555	.09442
SDev	.00010	.00059	.00027
%RSD	.44150	.37604	.28581
#1	.02283	.15495	.09416
#2	.02293	.15559	.09440
#3	.02303	.15612	.09470

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	274406	--	--	--	--	--	--
SDev	355.7288	--	--	--	--	--	--
%RSD	.1296359	--	--	--	--	--	--
#1	274149	--	--	--	--	--	--
#2	274812	--	--	--	--	--	--
#3	274257	--	--	--	--	--	--

Method: EPA3 Standard: STDD
Run Time: 08/17/04 12:41:29

Elem	V 2924
Avge	.02542
SDev	.00002
%RSD	.07038
#1	.02541
#2	.02542
#3	.02544

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	261725	--	--	--	--	--	--
SDev	637.1758	--	--	--	--	--	--
%RSD	.2434524	--	--	--	--	--	--
#1	261036	--	--	--	--	--	--
#2	261846	--	--	--	--	--	--
#3	262293	--	--	--	--	--	--

Method: EPA3 Standard: STDE
Run Time: 08/17/04 12:46:17

Elem	Al3082	Ca3179	Fe2714	Mg2790	K 7664	Na3302
Avge	.65715	.00495	.23539	.39096	.10273	.02446
SDev	.00145	.00001	.00034	.00067	.00014	.00008
%RSD	.22012	.11806	.14547	.17147	.13565	.30961
#1	.65551	.00494	.23514	.39029	.10272	.02446
#2	.65823	.00494	.23578	.39163	.10287	.02454
#3	.65771	.00495	.23524	.39096	.10260	.02439

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	275752	--	--	--	--	--	--
SDev	303.2091	--	--	--	--	--	--
%RSD	.1099572	--	--	--	--	--	--
#1	275708	--	--	--	--	--	--
#2	275474	--	--	--	--	--	--
#3	276075	--	--	--	--	--	--

Method: EPA3 Standard: STDA
Run Time: 08/17/04 12:56:06

Elem	As1890
Avge	-.00012
SDev	.00006
%RSD	46.553
#1	-.00019
#2	-.00008
#3	-.00011

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	277544	--	--	--	--	--	--
SDev	307.8522	--	--	--	--	--	--
%RSD	.1109201	--	--	--	--	--	--
#1	277245	--	--	--	--	--	--
#2	277860	--	--	--	--	--	--
#3	277527	--	--	--	--	--	--

Method: EPA3 Standard: STDA
Run Time: 08/17/04 13:00:31

Elem	As1890
Avge	-.00010
SDev	.00006
%RSD	62.142
#1	-.00010
#2	-.00016
#3	-.00004

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	278288	--	--	--	--	--	--
SDev	331.6199	--	--	--	--	--	--
%RSD	.1191643	--	--	--	--	--	--
#1	278026	--	--	--	--	--	--
#2	278661	--	--	--	--	--	--
#3	278176	--	--	--	--	--	--

Method: EPA3 Standard: STDA
Run Time: 08/17/04 13:08:20

Elem	Al3082	Fe2714
Avge	.00467	.00007
SDev	.00004	.00002
%RSD	.77867	33.427
#1	.00463	.00005
#2	.00470	.00009
#3	.00467	.00008

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	278028	--	--	--	--	--	--
SDev	2209.351	--	--	--	--	--	--
%RSD	.7946505	--	--	--	--	--	--
#1	279369	--	--	--	--	--	--
#2	275478	--	--	--	--	--	--
#3	279237	--	--	--	--	--	--

Method: EPA3 Standard: STDB
Run Time: 08/17/04 13:21:29

Elem	Ba4934	Be3130	Cr2677	Zn2138
Avge	.07123	.21282	.09645	.02991
SDev	.00011	.00060	.00033	.00006
%RSD	.15361	.28129	.34665	.20520
#1	.07113	.21222	.09609	.02985
#2	.07120	.21342	.09676	.02997
#3	.07135	.21280	.09649	.02992

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	279295	--	--	--	--	--	--
SDev	291.0554	--	--	--	--	--	--
%RSD	.1042108	--	--	--	--	--	--
#1	279620	--	--	--	--	--	--
#2	279208	--	--	--	--	--	--
#3	279057	--	--	--	--	--	--

Method: EPA3 Standard: STDB
Run Time: 08/17/04 13:24:43

Elem	Cu3247	Tl1908	1960/1	1960/2
Avge	.18378	.16065	.08343	.15766
SDev	.00015	.00062	.00003	.00053
%RSD	.08261	.38374	.03003	.33713
#1	.18362	.15994	.08344	.15780
#2	.18382	.16103	.08345	.15707
#3	.18391	.16098	.08340	.15811

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	278788	--	--	--	--	--	--
SDev	197.7859	--	--	--	--	--	--
%RSD	.0709450	--	--	--	--	--	--
#1	278646	--	--	--	--	--	--
#2	279014	--	--	--	--	--	--
#3	278703	--	--	--	--	--	--

Method: EPA3 Standard: STDB
Run Time: 08/17/04 13:38:38

Elem	Cd2265	Cr2677	Mn2576	Zn2138
Avge	.36505	.09709	.06611	.03011
SDev	.00014	.00011	.00007	.00003
%RSD	.03929	.10835	.10392	.09057
#1	.36516	.09721	.06619	.03014
#2	.36489	.09702	.06606	.03009
#3	.36510	.09705	.06607	.03009

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	278826	--	--	--	--	--	--
SDev	282.1609	--	--	--	--	--	--
%RSD	.1011959	--	--	--	--	--	--
#1	279033	--	--	--	--	--	--
#2	278942	--	--	--	--	--	--
#3	278505	--	--	--	--	--	--

Method: EPA3 Standard: STDE
Run Time: 08/17/04 13:47:05

Elem	Mg2790
Avge	.39546
SDev	.00550
%RSD	1.3911
#1	.40181
#2	.39210
#3	.39248

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	275063	--	--	--	--	--	--
SDev	3389.645	--	--	--	--	--	--
%RSD	1.232316	--	--	--	--	--	--
#1	271149	--	--	--	--	--	--
#2	277032	--	--	--	--	--	--
#3	277008	--	--	--	--	--	--

Method: EPA3 Standard: STDE
Run Time: 08/17/04 13:42:13

Elem	Al3082	Mg2790
Avge	.65710	.39191
SDev	.00141	.00091
%RSD	.21454	.23256
#1	.65661	.39198
#2	.65868	.39279
#3	.65600	.39097

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	276412	--	--	--	--	--	--
SDev	989.7420	--	--	--	--	--	--
%RSD	.3580670	--	--	--	--	--	--
#1	276274	--	--	--	--	--	--
#2	275499	--	--	--	--	--	--
#3	277464	--	--	--	--	--	--

Method: EPA3 Standard: STDE
Run Time: 08/17/04 13:51:57

Elem	Al3082
Avge	.65788
SDev	.01042
%RSD	1.5834
#1	.66217
#2	.66546
#3	.64600

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	276900	--	--	--	--	--	--
SDev	3411.720	--	--	--	--	--	--
%RSD	1.232115	--	--	--	--	--	--
#1	275854	--	--	--	--	--	--
#2	274132	--	--	--	--	--	--
#3	280712	--	--	--	--	--	--

Analysis Report QC Standard 08/17/04 02:02:43 PM page 1

Method: EPA3 Sample Name: HSTD Operator:
Run Time: 08/17/04 13:54:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.9446	3.8566	3.8121	4.0028	3.8527	4.0129	3.8492
SDev	.0151	.0103	.0146	.0133	.0101	.0156	.0097
%RSD	.38365	.26688	.38182	.33186	.26103	.38952	.25144
#1	3.9274	3.8499	3.8032	3.9884	3.8461	3.9949	3.8427
#2	3.9509	3.8515	3.8041	4.0056	3.8478	4.0229	3.8445
#3	3.9556	3.8685	3.8289	4.0145	3.8643	4.0210	3.8603
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	4.0000	4.0000	4.0000	4.0000	4.0000	4.0000	4.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Ni2316	Ag3280	V 2924	Zn2138	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.9801	.50709	3.9696	3.9391	4.0018	3.9535	3.9193
SDev	.0033	.00121	.0089	.0092	.0155	.0200	.0101
%RSD	.08306	.23917	.22471	.23380	.38708	.50542	.25891
#1	3.9802	.50569	3.9620	3.9311	3.9932	3.9305	3.9076
#2	3.9767	.50786	3.9674	3.9369	3.9924	3.9648	3.9258
#3	3.9833	.50770	3.9795	3.9492	4.0196	3.9653	3.9246
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	4.0000	.50000	4.0000	4.0000	4.0000	4.0000	4.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.9214	3.9651	79.192	81.015	79.563	78.076	78.081
SDev	.0178	.0166	.230	.169	.257	.175	.243
%RSD	.45289	.41974	.29080	.20834	.32310	.22461	.31085
#1	3.9010	3.9459	78.928	80.956	79.367	77.890	77.827
#2	3.9298	3.9752	79.345	80.883	79.468	78.099	78.311
#3	3.9334	3.9742	79.304	81.205	79.854	78.239	78.104
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	4.0000	4.0000	80.000	80.000	80.000	80.000	80.000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Na3302	2203/1	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	80.571	3.9487	3.9046	3.9150	3.9246	3.9538	3.9707
SDev	.359	.0128	.0105	.0145	.0195	.0155	.0176
%RSD	.44507	.32291	.26770	.37101	.49748	.39159	.44233
#1	80.163	3.9359	3.8935	3.8988	3.9021	3.9366	3.9505
#2	80.836	3.9489	3.9142	3.9191	3.9351	3.9667	3.9794
#3	80.714	3.9614	3.9062	3.9270	3.9366	3.9582	3.9822
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK

Value	80.000
Range	5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	276780	--	--	--	--	--	--
SDev	649.1726	--	--	--	--	--	--
%RSD	.2345446	--	--	--	--	--	--
#1	277515	--	--	--	--	--	--
#2	276540	--	--	--	--	--	--
#3	276285	--	--	--	--	--	--

Analysis Report QC Standard 08/17/04 02:23:01 PM page 1

Method: EPA3 Sample Name: CRIB Operator:
Run Time: 08/17/04 14:15:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.41792	.01092	.00790	.10573	.02115	.05122	.03129
SDev	.00499	.00007	.00014	.00134	.00016	.00095	.00035
%RSD	1.1939	.62070	1.7233	1.2639	.75282	1.8577	1.1306
#1	.41934	.01089	.00780	.10585	.02130	.05138	.03151
#2	.41237	.01087	.00783	.10434	.02115	.05020	.03088
#3	.42204	.01099	.00805	.10700	.02099	.05208	.03148
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.40000	.01000	.00800	.10000	.02000	.05000	.03000
Range	30.000	30.000	30.000	30.000	30.000	30.000	30.000

Elem	Ni2316	Ag3280	V 2924	Zn2138	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08640	.02032	.10720	.04443	.01230	.02214	.00631
SDev	.00122	.00051	.00027	.00042	.00323	.00389	.00064
%RSD	1.4161	2.4907	.25459	.95552	26.265	17.577	10.126
#1	.08760	.02001	.10715	.04453	.00948	Q.02648	.00686
#2	.08647	.02006	.10695	.04396	.01159	.01895	.00561
#3	.08515	.02091	.10749	.04480	Q.01583	.02100	.00647
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.08000	.02000	.10000	.04000	.01000	.02000	.00600
Range	30.000	30.000	30.000	30.000	30.000	30.000	30.000

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01223	.00821	.41380	4.9756	.20997	5.4135	5.0441
SDev	.00178	.00139	.01360	.0490	.01205	.0657	.0550
%RSD	14.565	16.919	3.2861	.98570	5.7382	1.2134	1.0904
#1	.01033	.00962	.41689	4.9881	.22352	5.4467	5.0615
#2	.01249	.00817	.39892	4.9216	.20594	5.3378	4.9826
#3	Q.01386	Q.00685	.42559	5.0173	.20046	5.4559	5.0884
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.01000	.01000	.40000	5.0000	.20000	5.0000	5.0000
Range	30.000	30.000	30.000	30.000	30.000	30.000	30.000

Elem	Na3302	2203/1	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.8766	.00401	.00741	.01268	.01196	.01140	.00658
SDev	.0658	.00039	.00083	.00184	.00213	.00474	.00441
%RSD	1.3496	9.8185	11.205	14.516	17.812	41.527	67.012
#1	4.9417	.00446	.00801	.01072	.01009	.00607	.01136
#2	4.8101	.00380	.00646	.01438	.01151	.01302	.00570
#3	4.8780	.00376	.00776	.01294	.01428	.01512	.00267
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK

Value	5.0000
Range	30.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	277646	--	--	--	--	--	--
SDev	2659.406	--	--	--	--	--	--
%RSD	.9578423	--	--	--	--	--	--
#1	276958	--	--	--	--	--	--
#2	280581	--	--	--	--	--	--
#3	275397	--	--	--	--	--	--

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Method: EPA3 Sample Name: ICV Operator:
Run Time: 08/17/04 14:23:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0156	.98236	.97852	1.0054	.95540	.98649	.97722
SDev	.0023	.00352	.00306	.0036	.00321	.00117	.00338
%RSD	.22238	.35853	.31265	.35709	.33590	.11899	.34576
#1	1.0172	.98352	.97806	1.0068	.95777	.98692	.97859
#2	1.0130	.97840	.97572	1.0013	.95175	.98517	.97337
#3	1.0165	.98515	.98179	1.0081	.95670	.98739	.97970
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Ni2316	Ag3280	V 2924	Zn2138	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0086	.51827	.99493	1.0312	.98839	.97911	.98692
SDev	.0018	.00231	.00297	.0053	.00841	.01025	.00601
%RSD	.18114	.44537	.29831	.51500	.85093	1.0467	.60866
#1	1.0100	.51913	.99455	1.0344	.98935	.99071	.98402
#2	1.0066	.51566	.99217	1.0250	.97954	.97535	.98291
#3	1.0093	.52003	.99807	1.0341	.99627	.97128	.99383
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.0000	.50000	1.0000	1.0000	1.0000	1.0000	1.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.97399	.99531	5.1801	5.0299	5.1224	Q5.3450	5.0546
SDev	.00252	.00517	.0065	.0127	.0051	.0192	.0054
%RSD	.25853	.51945	.12593	.25300	.09966	.35908	.10598
#1	.97445	.99890	5.1768	5.0421	5.1283	Q5.3636	5.0546
#2	.97127	.98939	5.1758	5.0167	5.1188	Q5.3253	5.0600
#3	.97624	.99765	5.1876	5.0307	5.1202	Q5.3461	5.0493
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail	QC Pass
Value	1.0000	1.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Na3302	2203/1	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.9180	.99165	.98451	.97860	.97164	.99370	.99608
SDev	.0178	.00119	.00893	.00354	.00202	.00607	.00672
%RSD	.36154	.11956	.90718	.36148	.20777	.61033	.67468
#1	4.9084	.99033	.98082	.97956	.97186	.99105	1.0028
#2	4.9385	.99263	.97801	.97469	.96952	.98940	.98933
#3	4.9071	.99199	.99469	.98157	.97354	1.0006	.99612
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK

Value	5.0000
Range	5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	277726	--	--	--	--	--	--
SDev	680.6667	--	--	--	--	--	--
%RSD	.2450857	--	--	--	--	--	--
#1	277070	--	--	--	--	--	--
#2	278428	--	--	--	--	--	--
#3	277680	--	--	--	--	--	--

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Method: EPA3 Sample Name: ICB Operator:
Run Time: 08/17/04 14:31:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00072	.00031	-.00011	.00106	.00065	-.00077	.00020
SDev	.00005	.00004	.00017	.00032	.00039	.00006	.00013
%RSD	7.4881	11.816	166.49	30.580	60.593	8.4286	62.774
#1	-.00067	.00035	-.00002	.00125	.00020	-.00083	.00028
#2	-.00072	.00028	-.00031	.00069	.00080	-.00077	.00028
#3	-.00078	.00029	.00002	.00125	.00095	-.00070	.00006
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.02000	.00060	.00120	.00500	.00270	.00300	.00150

Elem	Ni2316	Ag3280	V 2924	Zn2138	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00147	.00019	.00251	.00066	.00253	.00255	.00136
SDev	.00147	.00028	.00004	.00001	.00270	.00407	.00275
%RSD	99.957	147.14	1.7330	1.1984	106.51	159.58	202.34
#1	.00000	.00016	.00247	.00067	-.00047	.00000	-.00003
#2	.00147	-.00007	.00251	.00066	.00333	.00725	Q.00452
#3	.00294	.00048	.00255	.00065	.00475	.00040	-.00042
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.00690	.00180	.00500	.00780	.00930	.01000	.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00162	.00064	.00087	-.00129	-.00823	.00135	-.00052
SDev	.00267	.00178	.00370	.00005	.00431	.00220	.00169
%RSD	164.85	280.34	426.05	3.8860	52.325	162.55	323.76
#1	.00146	.00166	.00184	-.00124	-.01231	.00369	-.00145
#2	-.00299	-.00142	.00399	-.00129	-.00372	.00105	-.00153
#3	-.00333	.00167	-.00322	-.00134	-.00867	-.00068	.00143
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.00500	.00500	.13650	.50000	.08730	.50000	.50000

Elem	Na3302	2203/1	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02032	.00303	.00047	-.00038	-.00228	.00147	.00018
SDev	.03236	.00149	.00347	.00438	.00341	.00168	.00253
%RSD	159.26	49.167	738.15	1152.7	149.11	114.19	1427.7
#1	.01448	.00306	-.00163	.00256	.00087	.00019	.00234
#2	-.04952	.00450	.00448	-.00541	-.00182	.00084	-.00260
#3	-.02592	.00152	-.00144	.00172	-.00590	.00337	.00078
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK

Value	.00000
Range	.81450

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	275285	--	--	--	--	--	--
SDev	261.9737	--	--	--	--	--	--
%RSD	.0951646	--	--	--	--	--	--
#1	275030	--	--	--	--	--	--
#2	275272	--	--	--	--	--	--
#3	275553	--	--	--	--	--	--

Analysis Report QC Standard 08/17/04 02:47:22 PM page 1

Method: EPA3 Sample Name: CCV Operator:
Run Time: 08/17/04 14:39:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0414	1.9305	Q1.8906	1.9794	Q1.8855	2.0494	1.9064
SDev	.0087	.0037	.0021	.0047	.0020	.0105	.0034
%RSD	.42831	.19188	.11329	.23921	.10458	.51193	.17717
#1	2.0367	1.9264	Q1.8889	1.9743	Q1.8839	2.0436	1.9029
#2	2.0361	1.9335	Q1.8930	1.9836	Q1.8877	2.0431	1.9097
#3	2.0515	1.9316	Q1.8898	1.9805	Q1.8848	2.0615	1.9067
Errors	QC Pass	QC Pass	QC Fail	QC Pass	QC Fail	QC Pass	QC Pass
Value	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Ni2316	Ag3280	V 2924	Zn2138	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9739	.24722	1.9717	1.9990	1.9927	2.0008	1.9670
SDev	.0104	.00036	.0029	.0028	.0074	.0083	.0031
%RSD	.52859	.14344	.14485	.13992	.37287	.41484	.15635
#1	1.9646	.24712	1.9685	1.9960	1.9844	1.9920	1.9692
#2	1.9720	.24692	1.9725	2.0015	1.9950	2.0018	1.9682
#3	1.9852	.24761	1.9740	1.9994	1.9987	2.0085	1.9635
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	.25000	2.0000	2.0000	2.0000	2.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9920	2.0001	40.068	38.271	39.249	40.368	41.959
SDev	.0028	.0074	.175	.085	.091	.140	.254
%RSD	.14251	.36787	.43667	.22218	.23184	.34742	.60462
#1	1.9919	2.0038	39.937	38.217	39.147	40.305	41.796
#2	1.9948	1.9916	40.000	38.369	39.321	40.270	41.829
#3	1.9892	2.0048	40.266	38.227	39.280	40.528	Q42.251
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	2.0000	40.000	40.000	40.000	40.000	40.000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Na3302	2203/1	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	39.951	1.9881	1.9564	1.9956	1.9901	1.9861	2.0070
SDev	.163	.0036	.0047	.0070	.0052	.0061	.0087
%RSD	.40690	.18034	.23966	.35288	.26153	.30519	.43591
#1	39.815	1.9916	1.9580	2.0037	1.9860	1.9849	2.0132
#2	39.907	1.9844	1.9600	1.9925	1.9959	1.9807	1.9970
#3	40.131	1.9881	1.9511	1.9907	1.9884	1.9926	2.0109
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK

Value	40.000
Range	5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	264913	--	--	--	--	--	--
SDev	1005.883	--	--	--	--	--	--
%RSD	.3797032	--	--	--	--	--	--
#1	265137	--	--	--	--	--	--
#2	265788	--	--	--	--	--	--
#3	263814	--	--	--	--	--	--

Analysis Report QC Standard 08/17/04 02:55:18 PM page 1

Method: EPA3 Sample Name: CCB Operator:
Run Time: 08/17/04 14:47:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00036	Q.00062	.00014	.00073	.00087	-.00007	.00036
SDev	.00014	.00015	.00026	.00038	.00007	.00018	.00013
%RSD	38.654	23.880	184.67	52.219	8.3563	245.80	36.690
#1	-.00051	.00045	.00001	.00085	.00083	-.00028	.00029
#2	-.00023	Q.00072	.00044	.00104	.00083	.00006	.00051
#3	-.00034	Q.00068	-.00003	.00030	.00096	-.00000	.00028
Errors	QC Pass	QC Fail	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.02000	.00060	.00120	.00500	.00270	.00300	.00150

Elem	Ni2316	Ag3280	V 2924	Zn2138	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00347	.00035	.00192	.00081	.00183	-.00325	-.00046
SDev	.00228	.00041	.00010	.00028	.00088	.00154	.00238
%RSD	65.760	117.36	5.3772	35.156	48.013	47.302	513.41
#1	.00149	.00080	.00200	.00066	.00092	-.00494	.00179
#2	.00596	.00024	.00195	.00063	.00268	-.00195	-.00023
#3	.00295	.00000	.00180	.00114	.00190	-.00284	-.00295
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.00690	.00180	.00500	.00930	.00500	.01000	.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00091	-.00010	.00560	.01636	.00060	.00920	.00538
SDev	.00136	.00088	.00278	.02992	.01466	.00523	.00157
%RSD	150.31	877.99	49.585	182.88	2454.8	56.825	29.254
#1	-.00242	-.00112	.00362	-.00070	-.00721	.00372	.00361
#2	-.00051	.00039	.00877	.05091	.01751	.01414	.00661
#3	.00021	.00043	.00440	-.00113	-.00851	.00974	.00592
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.00500	.00500	.13650	.50000	.08730	.50000	.50000

Elem	Na3302	2203/1	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02017	.00052	-.00101	-.00141	-.00070	-.00081	.00021
SDev	.04481	.00137	.00334	.00185	.00127	.00455	.00303
%RSD	222.20	261.57	330.01	131.18	182.53	559.02	1432.8
#1	.02955	.00189	.00169	-.00303	-.00217	.00107	-.00226
#2	-.05745	-.00085	.00003	-.00182	.00010	.00249	-.00070
#3	-.03260	.00053	-.00475	.00061	-.00003	-.00600	.00359
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK

Value	.00000
Range	.81450

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	272884	--	--	--	--	--	--
SDev	1359.982	--	--	--	--	--	--
%RSD	.4983745	--	--	--	--	--	--
#1	272264	--	--	--	--	--	--
#2	271944	--	--	--	--	--	--
#3	274443	--	--	--	--	--	--

Analysis Report QC Standard 08/17/04 03:13:31 PM page 1

Method: EPA3 Sample Name: ICSA Operator:
Run Time: 08/17/04 15:05:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00056	-.00003	-.00073	.00070	.00077	-.00229	-.00595
SDev	.00015	.00001	.00089	.00041	.00020	.00016	.00015
%RSD	25.821	30.365	121.27	58.919	26.251	7.1562	2.5983
#1	-.00067	-.00003	-.00114	.00116	.00092	-.00227	-.00594
#2	-.00063	-.00002	.00029	.00057	.00054	-.00247	-.00581
#3	-.00040	-.00004	-.00134	.00037	.00084	-.00214	-.00611
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.20000	.00400	.00400	.05000	.01000	.02500	.01500

Elem	Ni2316	Ag3280	V 2924	Zn2138	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00319	-.00094	.00223	.00527	-.00131	-.00926	.00284
SDev	.00158	.00013	.00010	.00049	.00173	.00708	.00247
%RSD	49.384	13.840	4.5940	9.2397	131.44	76.406	87.238
#1	.00477	-.00109	.00216	.00495	.00066	-.00787	Q.00422
#2	.00318	-.00085	.00235	.00584	-.00203	-.00299	Q.00431
#3	.00162	-.00087	.00219	.00503	-.00257	Q-.01693	-.00002
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.04000	.01000	.05000	.02000	.00500	.01000	.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00167	-.00040	458.93	508.95	180.93	442.59	.00934
SDev	.00306	.00377	2.13	3.40	1.43	1.58	.00076
%RSD	183.25	931.40	.46460	.66731	.78916	.35741	8.1190
#1	.00064	-.00395	461.38	512.86	182.58	444.37	.00887
#2	Q.00512	-.00081	457.96	506.75	180.21	441.35	.01022
#3	-.00075	.00355	457.46	507.24	180.01	442.04	.00894
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK
Value	.00000	.00000	500.00	500.00	200.00	500.00	
Range	.00500	.00500	100.00	100.00	40.000	100.00	

Elem	Na3302	2203/1	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.90659	-.00197	.00519	-.01023	.00756	-.02391	.01128
SDev	.10214	.00351	.00294	.00576	.00597	.00661	.00648
%RSD	11.267	178.11	56.601	56.362	78.875	27.651	57.464
#1	.90339	.00202	.00527	-.00358	.00271	-.02845	.00823
#2	.80609	-.00335	.00809	-.01322	.01422	-.01632	.00688
#3	1.0103	-.00459	.00222	-.01387	.00576	-.02695	.01873
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK

Value
Range

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	259162	--	--	--	--	--	--
SDev	546.0968	--	--	--	--	--	--
%RSD	.2107160	--	--	--	--	--	--
#1	258969	--	--	--	--	--	--
#2	259779	--	--	--	--	--	--
#3	258740	--	--	--	--	--	--

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Method: EPA3 Sample Name: ICSAB Operator:
Run Time: 08/17/04 15:13:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49381	.43517	.88551	.49024	.44924	.52102	.44989
SDev	.00246	.00069	.00192	.00049	.00190	.00299	.00158
%RSD	.49870	.15911	.21707	.09964	.42294	.57342	.35009
#1	.49121	.43475	.88337	.49017	.44937	.51779	.44899
#2	.49611	.43596	.88709	.49075	.45108	.52367	.45171
#3	.49412	.43479	.88606	.48978	.44728	.52162	.44898
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	1.0000	.50000	.50000	.50000	.50000
Range	20.000	20.000	20.000	20.000	20.000	20.000	20.000

Elem	Ni2316	Ag3280	V 2924	Zn2138	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.94959	1.0187	.47944	1.0200	1.0439	.93033	.96446
SDev	.00237	.0035	.00163	.0024	.0080	.01234	.00838
%RSD	.24991	.34394	.33976	.23749	.76262	1.3260	.86837
#1	.95120	1.0153	.47756	1.0184	1.0364	.91622	.95575
#2	.95071	1.0223	.48029	1.0228	1.0430	.93907	.97246
#3	.94687	1.0184	.48046	1.0189	1.0522	.93571	.96517
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.0000	1.0000	.50000	1.0000	1.0000	1.0000	1.0000
Range	20.000	20.000	20.000	20.000	20.000	20.000	20.000

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98687	1.0063	465.90	521.49	189.73	443.46	.00767
SDev	.01436	.0031	2.16	1.18	.44	1.56	.00217
%RSD	1.4555	.31071	.46465	.22652	.23240	.35208	28.261
#1	.97040	1.0031	463.43	521.37	189.38	441.74	.00996
#2	.99683	1.0093	467.46	522.73	190.23	444.78	.00739
#3	.99337	1.0064	466.80	520.38	189.59	443.87	.00565
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK
Value	1.0000	1.0000	500.00	500.00	200.00	500.00	
Range	20.000	20.000	20.000	20.000	20.000	20.000	

Elem	Na3302	2203/1	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1189	.97500	.95915	.97481	.99284	.99065	1.0140
SDev	.0260	.00596	.01029	.00768	.01771	.00677	.0027
%RSD	2.3218	.61153	1.0729	.78811	1.7834	.68349	.26348
#1	1.1468	.96822	.94948	.96596	.97257	.98288	1.0131
#2	1.0955	.97735	.96997	.97975	1.0053	.99376	1.0171
#3	1.1143	.97943	.95801	.97873	1.0006	.99530	1.0120
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK

Value
Range

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	259488	--	--	--	--	--	--
SDev	1021.735	--	--	--	--	--	--
%RSD	.3937511	--	--	--	--	--	--
#1	260612	--	--	--	--	--	--
#2	258615	--	--	--	--	--	--
#3	259236	--	--	--	--	--	--

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Method: EPA3 Sample Name: CCV Operator:
Run Time: 08/17/04 15:21:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0135	1.9696	1.9239	2.0043	1.9276	2.0185	1.9411
SDev	.0042	.0029	.0017	.0048	.0035	.0032	.0021
%RSD	.20739	.14844	.09012	.23941	.18121	.15712	.10718
#1	2.0163	1.9689	1.9223	2.0025	1.9255	2.0209	1.9398
#2	2.0155	1.9728	1.9238	2.0098	1.9316	2.0196	1.9435
#3	2.0087	1.9671	1.9257	2.0007	1.9256	2.0149	1.9399
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Ni2316	Ag3280	V 2924	Zn2138	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0113	.24715	1.9928	2.0269	2.0108	1.9897	1.9806
SDev	.0084	.00071	.0043	.0019	.0078	.0020	.0017
%RSD	.41661	.28581	.21642	.09491	.38800	.10268	.08814
#1	2.0031	.24752	1.9944	2.0291	2.0198	1.9898	1.9822
#2	2.0198	.24759	1.9961	2.0263	2.0060	1.9917	1.9788
#3	2.0110	.24633	1.9879	2.0254	2.0067	1.9876	1.9808
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	.25000	2.0000	2.0000	2.0000	2.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9880	1.9950	39.651	39.307	39.878	40.200	40.540
SDev	.0057	.0003	.072	.080	.107	.070	.184
%RSD	.28644	.01353	.18198	.20449	.26713	.17406	.45301
#1	1.9934	1.9953	39.673	39.230	39.826	40.222	40.740
#2	1.9887	1.9948	39.709	39.390	40.000	40.257	40.500
#3	1.9820	1.9949	39.570	39.303	39.807	40.122	40.379
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	2.0000	40.000	40.000	40.000	40.000	40.000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Na3302	2203/1	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	39.235	2.0058	1.9680	1.9854	1.9893	1.9853	1.9998
SDev	.188	.0069	.0035	.0100	.0036	.0084	.0046
%RSD	.47875	.34635	.17752	.50156	.18344	.42102	.22854
#1	39.369	2.0125	1.9671	1.9939	1.9931	1.9759	2.0050
#2	39.314	2.0063	1.9650	1.9880	1.9890	1.9918	1.9963
#3	39.020	1.9986	1.9718	1.9744	1.9858	1.9883	1.9981
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK

Value	40.000
Range	5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	272946	--	--	--	--	--	--
SDev	570.8881	--	--	--	--	--	--
%RSD	.2091583	--	--	--	--	--	--
#1	272382	--	--	--	--	--	--
#2	272931	--	--	--	--	--	--
#3	273524	--	--	--	--	--	--

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Method: EPA3 Sample Name: CCB Operator:
Run Time: 08/17/04 15:29:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00031	Q.00069	-.00002	.00085	.00125	.00026	.00044
SDev	.00011	.00019	.00033	.00038	.00044	.00019	.00026
%RSD	36.550	28.115	1875.6	45.100	35.695	74.233	59.031
#1	-.00032	.00057	.00015	.00123	.00099	.00026	.00029
#2	-.00020	Q.00091	.00019	.00046	.00176	.00045	.00074
#3	-.00042	.00058	-.00040	.00085	.00099	.00007	.00029
Errors	QC Pass	QC Fail	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.02000	.00060	.00120	.00500	.00270	.00300	.00150

Elem	Ni2316	Ag3280	V 2924	Zn2138	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00249	.00003	.00184	.00081	-.00150	.00627	.00131
SDev	.00311	.00023	.00048	.00027	.00326	.00261	.00085
%RSD	124.96	819.49	26.049	32.824	217.93	41.642	64.835
#1	.00149	.00016	.00184	.00065	-.00213	.00863	.00059
#2	.00598	.00016	.00232	.00112	-.00439	.00346	.00225
#3	-.00000	-.00024	.00136	.00067	.00204	.00672	.00109
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.00690	.00180	.00500	.00930	.00500	.01000	.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00199	-.00045	.05051	.05112	.02056	.06561	.00679
SDev	.00308	.00173	.02319	.00020	.02296	.02376	.00165
%RSD	154.79	385.73	45.909	.38926	111.70	36.217	24.225
#1	Q-.00537	.00095	.04326	.05112	.03494	.05728	.00678
#2	.00064	-.00239	.07646	.05133	.03266	.09242	.00845
#3	-.00122	.00009	.03182	.05093	-.00593	.04713	.00516
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.00500	.00500	.13650	.50000	.08730	.50000	.50000

Elem	Na3302	2203/1	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00103	.00332	.00025	-.00345	-.00130	.00026	-.00085
SDev	.06300	.00234	.00221	.00135	.00528	.00113	.00300
%RSD	6100.3	70.521	887.06	39.063	405.69	430.95	352.65
#1	.02209	.00600	-.00216	-.00204	-.00708	.00039	.00119
#2	.05081	.00225	.00219	-.00473	.00327	.00132	-.00429
#3	-.06980	.00171	.00072	-.00358	-.00009	-.00093	.00055
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK

Value	.00000
Range	.81450

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	271326	--	--	--	--	--	--
SDev	543.2762	--	--	--	--	--	--
%RSD	.2002304	--	--	--	--	--	--
#1	271346	--	--	--	--	--	--
#2	270772	--	--	--	--	--	--
#3	271858	--	--	--	--	--	--

Method: EPA3 Sample Name: MP26768-MB1 Operator:
Run Time: 08/17/04 16:12:28
Comment: 2
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00123	.00006	-.00018	.00069	.00010	.00031	-.00009
SDev	.00005	.00003	.00048	.00037	.00022	.00008	.00013
%RSD	4.0520	53.914	262.33	53.742	222.73	26.711	140.70
#1	-.00129	.00002	-.00026	.00032	.00035	.00022	-.00016
#2	-.00120	.00008	-.00062	.00069	.00005	.00032	.00006
#3	-.00121	.00007	.00033	.00106	-.00009	.00038	-.00016
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.00500	.00400	.05000	.01000	.02500	.01500
Low	-.20000	-.00500	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2138	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00294	.00014	.00065	.00049	.00084	H.00681	.00008
SDev	.00147	.00037	.00044	.00028	.00578	.00367	.00169
%RSD	49.998	274.56	68.203	57.317	688.37	53.924	2006.7
#1	.00147	.00056	.00095	.00066	H.00679	H.00873	.00185
#2	.00441	-.00015	.00087	.00064	.00048	.00258	-.00151
#3	.00295	.00000	.00014	.00017	-.00476	H.00912	-.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	.04000	.01000	.05000	.02000	.00500	.00500	.00300
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.00500	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00028	-.00163	-.00983	.01570	-.00615	-.00062	.00235
SDev	.00154	.00171	.00393	.02960	.00558	.00215	.00063
%RSD	553.12	105.43	39.971	188.60	90.734	345.94	26.642
#1	-.00148	-.00027	-.01433	-.00144	-.01225	-.00305	.00266
#2	.00139	-.00355	-.00809	-.00135	-.00129	.00105	.00277
#3	.00093	-.00106	-.00707	.04988	-.00492	.00014	.00163
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00500	.00500	.15000	5.0000	.10000	5.0000	5.0000
Low	-.00500	-.00500	-.15000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	2203/1	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01268	.00038	-.00012	-.00084	.00079	-.00070	-.00213
SDev	.04628	.00230	.00148	.00319	.00239	.00347	.00132
%RSD	365.00	600.29	1234.2	381.58	302.46	492.97	62.064
#1	-.06604	.00303	.00120	-.00137	-.00158	.00309	-.00199
#2	.01154	-.00121	-.00172	.00258	.00075	-.00371	-.00352
#3	.01647	-.00067	.00016	-.00372	.00320	-.00150	-.00089
Errors	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK

High	5.0000
Low	-5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	275430	--	--	--	--	--	--
SDev	706.5350	--	--	--	--	--	--
%RSD	.2565207	--	--	--	--	--	--
#1	276046	--	--	--	--	--	--
#2	275584	--	--	--	--	--	--
#3	274659	--	--	--	--	--	--

Method: EPA3 Sample Name: MP26768-LC1 Operator:
Run Time: 08/17/04 16:20:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52807	.51219	.51037	.52886	.51788	.53873	.52573
SDev	.00063	.00067	.00108	.00154	.00205	.00124	.00093
%RSD	.11989	.13111	.21203	.29047	.39616	.23004	.17656
#1	.52838	.51155	.51136	.52970	.51576	.53955	.52469
#2	.52849	.51289	.51054	.52979	.51802	.53933	.52648
#3	.52734	.51213	.50921	.52708	.51986	.53730	.52603
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.60000	.60000	.60000	.60000	.60000	.60000	.60000
Low	.40000	.40000	.40000	.40000	.40000	.40000	.40000

Elem	Ni2316	Ag3280	V 2924	Zn2138	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53005	.20208	.53539	.53176	.49631	.49789	.51531
SDev	.00410	.00111	.00111	.00065	.00509	.00473	.00146
%RSD	.77427	.55067	.20738	.12193	1.0246	.94914	.28392
#1	.52836	.20087	.53414	.53141	.49197	.49599	.51690
#2	.53473	.20232	.53627	.53137	.50191	.49442	.51402
#3	.52705	.20306	.53575	.53251	.49505	.50327	.51500
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.60000	.24000	.60000	.60000	.60000	.60000	.60000
Low	.40000	.16000	.40000	.40000	.40000	.40000	.40000

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45561	.51787	5.1893	5.4169	5.7978	5.8809	5.1242
SDev	.00525	.00547	.0089	.0098	.0024	.0193	.0106
%RSD	1.1526	1.0567	.17085	.18023	.04085	.32808	.20618
#1	.45993	.51798	5.1889	5.4198	5.8004	5.8686	5.1351
#2	.45715	.52329	5.1984	5.4248	5.7958	5.9031	5.1236
#3	.44977	.51234	5.1807	5.4059	5.7970	5.8709	5.1140
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.60000	.60000	6.0000	6.6000	6.6000	6.6000	6.0000
Low	.40000	.40000	4.0000	4.4000	4.4000	4.4000	4.0000

Elem	Na3302	2203/1	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.1166	.52002	.51291	.44365	.46154	.52129	.51612
SDev	.0174	.00246	.00173	.00682	.00850	.00452	.00675
%RSD	.34083	.47225	.33677	1.5366	1.8406	.86636	1.3076
#1	5.1283	.52093	.51484	.43826	.47070	.52494	.51446
#2	5.0965	.51724	.51237	.45131	.46002	.52269	.52354
#3	5.1249	.52189	.51152	.44137	.45392	.51624	.51036
Errors	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK

High	6.0000
Low	4.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	275338	--	--	--	--	--	--
SDev	481.2741	--	--	--	--	--	--
%RSD	.1747939	--	--	--	--	--	--
#1	275192	--	--	--	--	--	--
#2	274947	--	--	--	--	--	--
#3	275876	--	--	--	--	--	--

Method: EPA3 Sample Name: MP26768-S1 Operator:
Run Time: 08/17/04 16:28:20
Comment:
Mode: CONC Corr. Factor: 2

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9956	.04917	.04782	.48992	.19009	.26916	.76733
SDev	.0016	.00006	.00034	.00284	.00125	.00005	.00172
%RSD	.08059	.13220	.70677	.57968	.65568	.01955	.22478
#1	1.9938	.04910	.04820	.48896	.18866	.26922	.76695
#2	1.9964	.04922	.04756	.48768	.19070	.26913	.76582
#3	1.9967	.04919	.04769	.49312	.19092	.26914	.76921
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	9.0000	22.500	45.000	45.000	45.000	45.000
Low	-.20000	-.00500	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2138	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49072	.04882	.49686	.53585	1.8752	1.9376	.49141
SDev	.00813	.00081	.00068	.00078	.0043	.0243	.00278
%RSD	1.6571	1.6645	.13714	.14589	.22700	1.2555	.56627
#1	.48940	.04815	.49735	.53581	1.8742	1.9463	.49462
#2	.48334	.04972	.49608	.53665	1.8799	1.9563	.48983
#3	.49944	.04858	.49716	.53509	1.8716	1.9101	.48978
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	9.0000	45.000	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.8449	.50065	2.0217	97.312	1.1309	32.732	28.348
SDev	.0136	.00571	.0080	.330	.0291	.089	.082
%RSD	.73763	1.1415	.39793	.33895	2.5717	.27304	.28919
#1	1.8297	.50674	2.0128	97.203	1.1645	32.685	28.297
#2	1.8559	.49540	2.0242	97.050	1.1128	32.676	28.442
#3	1.8490	.49982	2.0283	97.683	1.1155	32.835	28.303
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	2203/1	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	35.186	.49764	.48821	1.8324	1.8510	.49981	.50099
SDev	.064	.00241	.00508	.0059	.0228	.00807	.00804
%RSD	.18132	.48441	1.0405	.32378	1.2331	1.6149	1.6054
#1	35.259	.49573	.49398	1.8387	1.8251	.49955	.51024
#2	35.148	.49684	.48624	1.8315	1.8680	.49187	.49707
#3	35.150	.50034	.48442	1.8269	1.8599	.50801	.49565
Errors	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK

High	360.00
Low	-5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	274177	--	--	--	--	--	--
SDev	402.1128	--	--	--	--	--	--
%RSD	.1466618	--	--	--	--	--	--
#1	274364	--	--	--	--	--	--
#2	274452	--	--	--	--	--	--
#3	273716	--	--	--	--	--	--

Method: EPA3 Sample Name: MP26768-S2 Operator:
Run Time: 08/17/04 16:36:15
Comment:
Mode: CONC Corr. Factor: 2

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9629	.04857	.04776	.48357	.18835	.26523	.75859
SDev	.0046	.00008	.00115	.00377	.00022	.00059	.00122
%RSD	.23228	.16052	2.3994	.77983	.11442	.22072	.16076
#1	1.9612	.04854	.04875	.48131	.18860	.26515	.75746
#2	1.9680	.04866	.04802	.48793	.18825	.26586	.75988
#3	1.9594	.04852	.04651	.48148	.18822	.26470	.75844
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	9.0000	22.500	45.000	45.000	45.000	45.000
Low	-.20000	-.00500	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2138	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49012	.04764	.49109	.53389	1.8481	1.8952	.47822
SDev	.00169	.00041	.00178	.00357	.0079	.0201	.00338
%RSD	.34438	.86239	.36206	.66931	.42716	1.0614	.70784
#1	.48926	.04718	.49156	.52981	1.8432	1.8733	.47806
#2	.49207	.04796	.49258	.53645	1.8572	1.9127	.48169
#3	.48904	.04779	.48912	.53541	1.8439	1.8998	.47492
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	9.0000	45.000	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.8307	.49195	1.9745	96.262	1.1331	32.129	27.568
SDev	.0079	.00271	.0063	.258	.0150	.048	.124
%RSD	.43256	.55091	.32159	.26826	1.3245	.15085	.44945
#1	1.8382	.48960	1.9720	95.964	1.1475	32.094	27.581
#2	1.8224	.49491	1.9817	96.419	1.1343	32.185	27.686
#3	1.8314	.49132	1.9698	96.403	1.1175	32.108	27.439
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	2203/1	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	34.089	.48514	.47468	1.8140	1.8389	.49616	.48975
SDev	.168	.00859	.00150	.0074	.0082	.01081	.00182
%RSD	.49336	1.7702	.31553	.40860	.44808	2.1781	.37087
#1	34.155	.48743	.47330	1.8218	1.8464	.48930	.48967
#2	33.898	.49235	.47627	1.8070	1.8301	.50862	.48798
#3	34.214	.47564	.47447	1.8133	1.8403	.49057	.4916[illegible]
Errors	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK

High	360.00
Low	-5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	274515	--	--	--	--	--	--
SDev	62.37187	--	--	--	--	--	--
%RSD	.0227208	--	--	--	--	--	--
#1	274448	--	--	--	--	--	--
#2	274527	--	--	--	--	--	--
#3	274570	--	--	--	--	--	--

Method: EPA3 Sample Name: N74646-12 Operator:
Run Time: 08/17/04 16:44:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04053	.00008	-.00037	-.00302	.00061	.02030	.28216
SDev	.00011	.00003	.00053	.00023	.00044	.00020	.00049
%RSD	.26978	31.683	142.54	7.5834	71.312	.98378	.17282
#1	.04060	.00011	-.00001	-.00317	.00037	.02051	.28270
#2	.04059	.00007	-.00097	-.00314	.00035	.02011	.28175
#3	.04041	.00006	-.00013	-.00276	.00111	.02028	.28204
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	9.0000	22.500	45.000	45.000	45.000	45.000
Low	-.20000	-.00500	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2138	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00147	.00030	.00023	.02511	-.00032	-.00476	.00008
SDev	.00259	.00014	.00045	.00052	.00227	.00475	.00243
%RSD	175.32	46.442	193.15	2.0663	705.81	99.843	2998.1
#1	-.00002	.00022	-.00016	.02489	.00170	-.00538	-.00200
#2	-.00002	.00022	.00072	.02474	.00011	.00027	.00275
#3	.00446	.00046	.00014	.02570	-.00277	-.00917	-.00050
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	9.0000	45.000	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00209	.00349	-.00182	72.873	.15714	7.0729	2.5490
SDev	.00167	.00095	.00207	.112	.00070	.0224	.0164
%RSD	79.948	27.369	113.79	.15330	.44473	.31653	.64238
#1	.00396	.00285	-.00015	72.924	.15795	7.0964	2.5673
#2	.00161	.00303	-.00116	72.745	.15673	7.0518	2.5441
#3	.00072	.00458	-.00413	72.950	.15674	7.0703	2.5357
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	2203/1	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.068	-.00024	.00018	-.00503	.00561	-.00038	.00537
SDev	.072	.00300	.00216	.00229	.00250	.00320	.00092
%RSD	.64906	1275.1	1177.0	45.499	44.667	838.88	17.081
#1	11.146	-.00306	-.00153	-.00513	.00845	-.00386	.00615
#2	11.052	.00291	.00261	-.00270	.00372	.00027	.00436
#3	11.005	-.00056	-.00053	-.00727	.00466	.00244	.00561
Errors	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK

High	360.00
Low	-5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	270806	--	--	--	--	--	--
SDev	1000.854	--	--	--	--	--	--
%RSD	.3695841	--	--	--	--	--	--
#1	269650	--	--	--	--	--	--
#2	271418	--	--	--	--	--	--
#3	271348	--	--	--	--	--	--

Method: EPA3 Sample Name: MP26768-SD1 Operator:
Run Time: 08/17/04 16:52:05
Comment:
Mode: CONC Corr. Factor: 5

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03335	.00099	-.00153	-.00137	.00329	.01928	.28546
SDev	.00011	.00007	.00108	.00107	.00150	.00034	.00013
%RSD	.32901	6.8543	70.137	78.231	45.424	1.7569	.04530
#1	.03347	.00092	-.00038	-.00203	.00161	.01963	.28540
#2	.03333	.00105	-.00251	-.00193	.00448	.01896	.28561
#3	.03326	.00100	-.00172	-.00013	.00378	.01925	.28537
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	9.0000	22.500	45.000	45.000	45.000	45.000
Low	-.20000	-.00500	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2138	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01207	.00184	.00731	.02954	L-.01474	L-.02056	.00098
SDev	.00416	.00022	.00080	.00011	.02898	.03568	.00197
%RSD	34.464	12.162	10.925	.36384	196.62	173.58	201.72
#1	.00727	.00158	.00648	.02965	L-.01022	L-.03239	-.00074
#2	.01445	.00197	.00807	.02944	L-.04572	.01954	.00313
#3	.01449	.00197	.00739	.02953	.01172	L-.04882	.00055
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Low	LC Pass
High	45.000	.90000	45.000	9.0000	45.000	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	L-.00773	.00747	-.11620	71.275	.19236	7.3729	2.1879
SDev	.01103	.00496	.01283	.209	.04383	.0261	.0199
%RSD	142.77	66.467	11.039	.29324	22.785	.35344	.90934
#1	.00476	.00501	-.10212	71.151	.22175	7.4024	2.2044
#2	L-.01178	.01318	-.12722	71.516	.21334	7.3532	2.1658
#3	L-.01617	.00422	-.11925	71.157	.14198	7.3630	2.1935
Errors	LC Low	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	2203/1	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.298	.02503	-.01130	-.01794	-.00285	-.00725	.01460
SDev	.129	.02338	.01368	.02435	.00960	.01395	.00163
%RSD	1.2572	93.440	121.05	135.78	337.18	192.45	11.147
#1	10.154	.02345	-.01309	.00142	.00621	-.01088	.01272
#2	10.406	.00247	.00319	-.00994	-.01291	.00816	.01548
#3	10.334	.04916	-.02399	-.04528	-.00184	-.01902	.01560
Errors	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK

High	360.00
Low	-5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	279089	--	--	--	--	--	--
SDev	952.3492	--	--	--	--	--	--
%RSD	.3412349	--	--	--	--	--	--
#1	278097	--	--	--	--	--	--
#2	279996	--	--	--	--	--	--
#3	279174	--	--	--	--	--	--

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Method: EPA3 Sample Name: N74646-13 Operator:
Run Time: 08/17/04 17:00:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01490	.00018	-.00037	-.00349	.00048	.01037	.36896
SDev	.00026	.00008	.00014	.00038	.00030	.00041	.00036
%RSD	1.7488	47.476	37.049	10.786	63.167	3.9286	.09749
#1	.01460	.00023	-.00021	-.00391	.00073	.01020	.36855
#2	.01507	.00022	-.00045	-.00337	.00058	.01007	.36911
#3	.01502	.00008	-.00045	-.00319	.00014	.01083	.36923
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	9.0000	22.500	45.000	45.000	45.000	45.000
Low	-.20000	-.00500	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2138	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00001	.00016	.00098	1.0222	-.00221	-.00632	.00109
SDev	.00291	.00009	.00032	.0021	.00483	.00276	.00120
%RSD	45322.	57.700	32.174	.20879	217.93	43.708	109.77
#1	-.00292	.00005	.00123	1.0201	L-.00653	-.00316	-.00027
#2	.00290	.00021	.00063	1.0243	.00300	-.00828	.00200
#3	-.00001	.00021	.00109	1.0222	-.00312	-.00753	.00155
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	9.0000	45.000	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00054	.00351	-.00802	38.310	.10437	4.0048	.59376
SDev	.00058	.00109	.00195	.048	.00450	.0113	.00278
%RSD	108.43	31.116	24.293	.12568	4.3118	.28101	.46776
#1	.00011	.00291	-.01008	38.259	.10223	3.9959	.59413
#2	.00120	.00284	-.00779	38.355	.10955	4.0010	.59081
#3	.00030	.00477	-.00620	38.318	.10134	4.0174	.59633
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	2203/1	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.8100	.00041	.00138	-.00778	.00465	.00074	.00484
SDev	.0760	.00308	.00155	.00186	.00006	.00051	.00138
%RSD	.77469	758.31	112.60	23.850	1.3501	68.665	28.583
#1	9.8814	-.00215	.00062	-.00906	.00465	.00040	.00412
#2	9.8185	-.00046	.00317	-.00565	.00458	.00049	.00398
#3	9.7301	.00383	.00035	-.00862	.00470	.00132	.00644
Errors	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK

High	360.00
Low	-5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	278062	--	--	--	--	--	--
SDev	427.1718	--	--	--	--	--	--
%RSD	.1536247	--	--	--	--	--	--
#1	278426	--	--	--	--	--	--
#2	278169	--	--	--	--	--	--
#3	277592	--	--	--	--	--	--

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Method: EPA3 Sample Name: N74646-12F Operator:
Run Time: 08/17/04 17:08:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04159	.00010	-.00035	-.00318	.00044	.00076	.28338
SDev	.00034	.00008	.00014	.00115	.00023	.00019	.00118
%RSD	.82911	81.537	40.465	36.182	51.642	24.557	.41798
#1	.04195	.00018	-.00040	-.00450	.00051	.00088	.28456
#2	.04155	.00002	-.00019	-.00235	.00019	.00055	.28340
#3	.04126	.00011	-.00046	-.00270	.00063	.00086	.28219
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	9.0000	22.500	45.000	45.000	45.000	45.000
Low	-.20000	-.00500	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2138	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00296	.00019	.00032	.01631	-.00279	-.00969	.00144
SDev	.00002	.00017	.00038	.00047	.00672	.00159	.00209
%RSD	.77347	86.975	117.30	2.8511	240.45	16.428	145.17
#1	.00298	.00014	-.00009	.01645	L-.01022	L-.01125	.00355
#2	.00295	.00006	.00041	.01580	-.00099	-.00976	-.00062
#3	.00294	.00038	.00065	.01670	.00284	-.00807	.00138
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	9.0000	45.000	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00029	.00246	-.00007	74.449	.11332	7.2095	2.5851
SDev	.00214	.00412	.00569	.126	.00602	.0324	.0209
%RSD	733.87	167.23	7653.1	.16984	5.3101	.44968	.80867
#1	.00003	.00665	.00643	74.570	.11175	7.2460	2.6092
#2	-.00257	-.00158	-.00258	74.457	.11997	7.1985	2.5724
#3	.00167	.00232	-.00408	74.318	.10825	7.1841	2.5737
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	2203/1	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.081	-.00202	.00311	-.00838	.00370	.00075	.00327
SDev	.064	.00092	.00271	.00368	.00316	.00422	.00415
%RSD	.57671	45.782	87.266	43.972	85.396	563.32	126.71
#1	11.155	-.00137	.00595	-.00420	.00209	.00441	.00772
#2	11.038	-.00308	.00055	-.01115	.00167	-.00386	-.00049
#3	11.051	-.00161	.00282	-.00978	.00734	.00170	.00258
Errors	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK

High	360.00
Low	-5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	272342	--	--	--	--	--	--
SDev	2134.694	--	--	--	--	--	--
%RSD	.7838268	--	--	--	--	--	--
#1	270009	--	--	--	--	--	--
#2	272822	--	--	--	--	--	--
#3	274197	--	--	--	--	--	--

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Method: EPA3 Sample Name: ccv Operator:
Run Time: 08/17/04 17:16:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9739	2.0126	1.9529	2.0319	1.9789	1.9907	1.9782
SDev	.0078	.0090	.0095	.0076	.0098	.0078	.0092
%RSD	.39698	.44693	.48837	.37613	.49508	.39285	.46393
#1	1.9827	2.0230	1.9639	2.0406	1.9902	1.9994	1.9888
#2	1.9711	2.0078	1.9477	2.0264	1.9728	1.9885	1.9733
#3	1.9677	2.0071	1.9471	2.0287	1.9737	1.9842	1.9725
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Ni2316	Ag3280	V 2924	Zn2138	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0330	.24702	2.0235	2.0623	2.0251	1.9780	1.9837
SDev	.0079	.00118	.0090	.0110	.0124	.0041	.0081
%RSD	.38828	.47674	.44387	.53563	.61320	.20516	.41002
#1	2.0414	.24819	2.0338	2.0748	2.0390	1.9800	1.9887
#2	2.0321	.24704	2.0178	2.0538	2.0213	1.9733	1.9881
#3	2.0257	.24584	2.0188	2.0582	2.0150	1.9807	1.9743
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	.25000	2.0000	2.0000	2.0000	2.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9803	1.9958	39.582	40.598	40.708	40.252	38.975
SDev	.0057	.0020	.181	.218	.225	.221	.164
%RSD	.28628	.10051	.45756	.53693	.55335	.54957	.42005
#1	1.9794	1.9953	39.787	40.849	40.966	40.501	39.147
#2	1.9864	1.9980	39.519	40.451	40.609	40.179	38.957
#3	1.9751	1.9941	39.441	40.496	40.549	40.077	38.821
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	2.0000	40.000	40.000	40.000	40.000	40.000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Na3302	2203/1	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	38.821	2.0024	1.9743	1.9785	1.9812	2.0013	1.9930
SDev	.249	.0008	.0123	.0082	.0052	.0076	.0020
%RSD	.64119	.04090	.62537	.41630	.26386	.37964	.10106
#1	39.074	2.0015	1.9823	1.9729	1.9826	2.0040	1.9908
#2	38.814	2.0031	1.9806	1.9879	1.9855	2.0072	1.9934
#3	38.576	2.0027	1.9601	1.9745	1.9754	1.9927	1.9948
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK

Value	40.000
Range	5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	279400	--	--	--	--	--	--
SDev	1378.115	--	--	--	--	--	--
%RSD	.4932418	--	--	--	--	--	--
#1	277990	--	--	--	--	--	--
#2	279464	--	--	--	--	--	--
#3	280744	--	--	--	--	--	--

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Method: EPA3 Sample Name: ccb Operator:
Run Time: 08/17/04 17:24:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00192	.00047	-.00006	.00059	.00106	.00064	.00027
SDev	.00007	.00000	.00020	.00056	.00029	.00010	.00022
%RSD	3.4207	.92891	335.56	95.796	27.804	15.702	81.393
#1	-.00184	.00047	-.00018	.00071	.00106	.00053	.00005
#2	-.00194	.00047	.00018	-.00003	.00076	.00066	.00048
#3	-.00197	.00048	-.00018	.00108	.00135	.00072	.00027
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.02000	.00060	.00120	.00500	.00270	.00300	.00150

Elem	Ni2316	Ag3280	V 2924	Zn2138	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00097	-.00007	.00166	.00050	.00100	.00053	.00076
SDev	.00335	.00027	.00070	.00026	.00439	.00749	.00282
%RSD	345.38	384.97	41.987	51.993	437.21	1399.6	370.66
#1	.00291	.00009	.00085	.00065	-.00274	-.00730	.00252
#2	.00290	.00009	.00205	.00065	Q.00583	.00129	-.00249
#3	-.00290	-.00038	.00208	.00020	-.00008	.00762	.00225
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.00690	.00180	.00500	.00930	.00500	.01000	.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00027	.00101	-.03437	.04820	.00764	.00532	.00328
SDev	.00218	.00038	.00507	.00012	.00880	.00475	.00132
%RSD	810.01	37.586	14.756	.25420	115.15	89.295	40.360
#1	.00273	.00143	-.03729	.04833	.00085	.00104	.00200
#2	-.00145	.00092	-.03732	.04816	.00449	.01042	.00464
#3	-.00047	.00069	-.02852	.04810	.01758	.00449	.00320
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.00500	.00500	.13650	.50000	.08730	.50000	.50000

Elem	Na3302	2203/1	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.04864	-.00017	.00117	-.00025	.00049	.00041	.00127
SDev	.03692	.00357	.00276	.00069	.00297	.00181	.00147
%RSD	75.912	2056.2	234.95	274.84	609.79	437.01	116.02
#1	-.07980	.00024	.00360	.00052	.00379	-.00149	.00285
#2	-.00786	-.00394	-.00182	-.00048	-.00198	.00064	.00101
#3	-.05826	.00317	.00174	-.00081	-.00034	.00210	-.00006
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK

Value	.00000
Range	.81450

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	279168	--	--	--	--	--	--
SDev	329.7010	--	--	--	--	--	--
%RSD	.1181015	--	--	--	--	--	--
#1	278802	--	--	--	--	--	--
#2	279258	--	--	--	--	--	--
#3	279442	--	--	--	--	--	--

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Method: EPA3 Sample Name: N74646-13F Operator:
Run Time: 08/17/04 17:32:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01918	.00009	-.00028	-.00338	.00116	.00197	.36282
SDev	.00017	.00004	.00033	.00050	.00032	.00022	.00021
%RSD	.88530	42.391	115.18	14.914	27.759	10.988	.05839
#1	.01918	.00010	.00006	-.00386	.00149	.00222	.36294
#2	.01934	.00005	-.00060	-.00286	.00116	.00186	.36294
#3	.01901	.00013	-.00031	-.00343	.00084	.00183	.36257
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	9.0000	22.500	45.000	45.000	45.000	45.000
Low	-.20000	-.00500	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2138	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00049	.00040	-.00189	.99995	-.00090	-.00535	.00167
SDev	.00176	.00010	.00050	.00169	.00597	.00707	.00167
%RSD	356.90	23.727	26.358	.16928	662.42	132.18	100.40
#1	-.00154	.00046	-.00232	1.0017	.00246	-.00799	-.00015
#2	.00151	.00045	-.00201	.99991	.00263	L-.01071	.00201
#3	.00151	.00029	-.00135	.99827	L-.00780	.00266	.00314
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	9.0000	45.000	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00153	.00133	-.01021	36.916	.06533	4.0815	.64945
SDev	.00390	.00079	.00048	.065	.00238	.0048	.00221
%RSD	255.00	59.338	4.6698	.17741	3.6386	.11839	.34110
#1	.00557	.00155	-.01033	36.992	.06707	4.0865	.65109
#2	-.00220	.00046	-.00969	36.879	.06262	4.0811	.65033
#3	.00121	.00199	-.01063	36.878	.06631	4.0769	.64693
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	2203/1	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.290	.00146	.00171	-.00862	.00655	.00264	.00063
SDev	.053	.00229	.00214	.00396	.00387	.00348	.00193
%RSD	.51759	157.00	124.57	45.975	59.080	131.61	305.65
#1	10.336	.00090	-.00073	-.00467	.01064	.00665	-.00105
#2	10.302	-.00050	.00320	-.01259	.00294	.00087	.00020
#3	10.231	.00397	.00267	-.00861	.00607	.00041	.00274
Errors	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK

High	360.00
Low	-5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	265997	--	--	--	--	--	--
SDev	1107.008	--	--	--	--	--	--
%RSD	.4161733	--	--	--	--	--	--
#1	264744	--	--	--	--	--	--
#2	266404	--	--	--	--	--	--
#3	266842	--	--	--	--	--	--

Method: EPA3 Sample Name: MP26768-S1 Operator:
Run Time: 08/17/04 17:48:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9911	.04829	.04773	.48825	.19033	.27475	.76728
SDev	.0064	.00016	.00041	.00259	.00086	.00158	.00229
%RSD	.32359	.32582	.86238	.53016	.45434	.57667	.29807
#1	1.9844	.04811	.04743	.48532	.18948	.27293	.76487
#2	1.9972	.04840	.04820	.49021	.19121	.27581	.76942
#3	1.9918	.04836	.04755	.48922	.19029	.27551	.76755
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	9.0000	22.500	45.000	45.000	45.000	45.000
Low	-.20000	-.00500	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2138	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49226	.04875	.49725	.53078	1.8601	1.9519	.48528
SDev	.00063	.00005	.00102	.00251	.0038	.0028	.00470
%RSD	.12704	.09196	.20571	.47338	.20588	.14490	.96780
#1	.49156	.04870	.49611	.52925	1.8558	1.9512	.48167
#2	.49246	.04879	.49808	.53368	1.8612	1.9550	.48358
#3	.49277	.04875	.49757	.52942	1.8633	1.9494	.49059
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	9.0000	45.000	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.7925	.49607	2.0695	99.450	1.1153	32.274	28.852
SDev	.0115	.00182	.0103	.324	.0167	.080	.052
%RSD	.64331	.36734	.49575	.32571	1.4970	.24844	.17955
#1	1.7793	.49402	2.0584	99.092	1.0964	32.185	28.800
#2	1.8007	.49752	2.0785	99.723	1.1280	32.340	28.904
#3	1.7976	.49667	2.0716	99.536	1.1215	32.296	28.852
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	2203/1	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	36.127	.49336	.48119	1.7819	1.7978	.49738	.49537
SDev	.081	.00435	.00496	.0082	.0132	.00345	.00144
%RSD	.22353	.88227	1.0319	.45788	.73508	.69434	.29092
#1	36.062	.49104	.47693	1.7725	1.7827	.49437	.49381
#2	36.217	.49065	.48000	1.7876	1.8072	.50115	.49566
#3	36.102	.49838	.48664	1.7855	1.8036	.49663	.49665
Errors	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK

High	360.00
Low	-5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	269758	--	--	--	--	--	--
SDev	341.4348	--	--	--	--	--	--
%RSD	.1265710	--	--	--	--	--	--
#1	269868	--	--	--	--	--	--
#2	269374	--	--	--	--	--	--
#3	270030	--	--	--	--	--	--

Method: EPA3 Sample Name: MP26768-S2 Operator:
Run Time: 08/17/04 17:55:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9616	.04809	.04772	.48549	.19144	.27093	.76570
SDev	.0014	.00002	.00026	.00127	.00046	.00110	.00099
%RSD	.07115	.04468	.53910	.26170	.23834	.40647	.12901
#1	1.9603	.04808	.04800	.48402	.19193	.27004	.76659
#2	1.9631	.04808	.04748	.48630	.19104	.27217	.76587
#3	1.9614	.04812	.04769	.48613	.19134	.27060	.76464
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	9.0000	22.500	45.000	45.000	45.000	45.000
Low	-.20000	-.00500	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2138	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49164	.04842	.49563	.53005	1.8472	1.9238	.48077
SDev	.00283	.00047	.00024	.00083	.0125	.0189	.00184
%RSD	.57587	.95972	.04770	.15669	.67715	.98274	.38207
#1	.49473	.04893	.49544	.53086	1.8609	1.9068	.47892
#2	.49102	.04830	.49589	.53007	1.8444	1.9442	.48079
#3	.48918	.04802	.49556	.52920	1.8363	1.9206	.48259
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	9.0000	45.000	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.7759	.49211	2.0464	99.620	1.1053	31.837	28.223
SDev	.0029	.00374	.0105	.185	.0061	.052	.153
%RSD	.16491	.75976	.51146	.18601	.55000	.16341	.54222
#1	1.7758	.48857	2.0402	99.771	1.1123	31.804	28.090
#2	1.7788	.49602	2.0585	99.677	1.1029	31.897	28.390
#3	1.7730	.49175	2.0405	99.413	1.1008	31.810	28.189
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	2203/1	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	35.448	.48562	.47829	1.7682	1.7796	.49339	.49143
SDev	.141	.00169	.00285	.0060	.0015	.00321	.00413
%RSD	.39695	.34719	.59532	.34039	.08329	.65154	.84085
#1	35.327	.48651	.47507	1.7691	1.7791	.49124	.48719
#2	35.602	.48368	.47929	1.7737	1.7813	.49709	.49545
#3	35.416	.48668	.48049	1.7618	1.7785	.49184	.49166
Errors	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK

High	360.00
Low	-5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	273396	--	--	--	--	--	--
SDev	315.0583	--	--	--	--	--	--
%RSD	.1152390	--	--	--	--	--	--
#1	273051	--	--	--	--	--	--
#2	273466	--	--	--	--	--	--
#3	273669	--	--	--	--	--	--

Analysis Report QC Standard 08/17/04 06:13:34 PM page 1

Method: EPA3 Sample Name: CRIB Operator:
Run Time: 08/17/04 18:05:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.40860	.01127	.00864	.10682	.02200	.05241	.03197
SDev	.00048	.00044	.00042	.00069	.00030	.00035	.00039
%RSD	.11657	3.8950	4.8772	.64637	1.3526	.67324	1.2224
#1	.40853	.01079	.00825	.10611	.02179	.05201	.03158
#2	.40910	.01165	.00909	.10749	.02187	.05269	.03236
#3	.40816	.01139	.00858	.10686	.02234	.05252	.03196
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.40000	.01000	.00800	.10000	.02000	.05000	.03000
Range	30.000	30.000	30.000	30.000	30.000	30.000	30.000

Elem	Ni2316	Ag3280	V 2924	Zn2138	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09046	.02012	.10791	.04632	Q.01450	.01931	.00611
SDev	.00232	.00016	.00048	.00023	.00401	.00125	.00259
%RSD	2.5610	.80086	.44153	.49638	27.660	6.4741	42.417
#1	.09302	.02030	.10744	.04622	.01118	.01830	.00635
#2	.08986	.02002	.10839	.04658	Q.01896	.01892	Q.00341
#3	.08850	.02004	.10790	.04616	Q.01336	.02071	Q.00857
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail	QC Pass	QC Pass
Value	.08000	.02000	.10000	.04000	.01000	.02000	.00600
Range	30.000	30.000	30.000	30.000	30.000	30.000	30.000

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00937	.01043	.39234	5.1256	.19975	5.4444	4.8669
SDev	.00162	.00275	.00610	.0073	.00767	.0056	.0145
%RSD	17.286	26.357	1.5557	.14210	3.8394	.10215	.29815
#1	.00760	.01231	.38650	5.1334	.19091	5.4398	4.8561
#2	.01078	.00728	.39867	5.1189	.20462	5.4506	4.8834
#3	.00973	.01170	.39184	5.1244	.20372	5.4428	4.8611
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.01000	.01000	.40000	5.0000	.20000	5.0000	5.0000
Range	30.000	30.000	30.000	30.000	30.000	30.000	30.000

Elem	Na3302	2203/1	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.8784	.00768	.00527	.01162	.00820	.00951	.01085
SDev	.0219	.00383	.00275	.00085	.00285	.00610	.00601
%RSD	.44915	49.900	52.148	7.3146	34.696	64.144	55.373
#1	4.8753	.00504	.00694	.01247	.00512	.01309	.01189
#2	4.8582	.00592	.00210	.01077	.01073	.01297	.00439
#3	4.9017	.01207	.00677	.01162	.00875	.00247	.01627
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK

1991

Value	5.0000
Range	30.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	278656	--	--	--	--	--	--
SDev	383.0408	--	--	--	--	--	--
%RSD	.1374598	--	--	--	--	--	--
#1	278247	--	--	--	--	--	--
#2	279006	--	--	--	--	--	--
#3	278716	--	--	--	--	--	--

Analysis Report QC Standard 08/17/04 06:21:30 PM

Method: EPA3 Sample Name: ICSA Operator:
Run Time: 08/17/04 18:13:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00145	-.00006	-.00028	.00131	.00148	-.00127	-.00777
SDev	.00006	.00000	.00141	.00030	.00037	.00018	.00015
%RSD	4.0788	7.1625	511.26	22.972	24.715	13.887	1.8988
#1	-.00139	-.00007	-.00110	.00157	.00191	-.00131	-.00786
#2	-.00151	-.00006	-.00108	.00138	.00127	-.00142	-.00760
#3	-.00144	-.00006	.00135	.00098	.00127	-.00108	-.00786
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.20000	.00400	.00400	.05000	.01000	.02500	.01500

Elem	Ni2316	Ag3280	V 2924	Zn2138	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00371	-.00055	.00276	.00518	-.00252	-.00756	-.00217
SDev	.00179	.00015	.00034	.00030	.00379	.00468	.00253
%RSD	48.232	26.463	12.375	5.8879	150.10	61.957	116.64
#1	.00475	-.00072	.00252	.00501	Q-.00564	-.00373	-.00163
#2	.00164	-.00046	.00261	.00499	-.00362	Q-.01278	.00005
#3	.00474	-.00047	.00315	.00553	.00169	-.00617	Q-.00492
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.04000	.01000	.05000	.02000	.00500	.01000	.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00100	-.00010	461.11	517.73	182.71	445.21	.00809
SDev	.00286	.00087	.59	1.26	.15	.77	.00160
%RSD	286.78	899.14	.12739	.24401	.08117	.17281	19.819
#1	.00351	-.00009	461.55	519.10	182.88	446.04	.00974
#2	-.00211	-.00097	460.44	517.46	182.60	444.52	.00800
#3	.00159	.00077	461.33	516.61	182.65	445.08	.00654
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK
Value	.00000	.00000	500.00	500.00	200.00	500.00	
Range	.00500	.00500	100.00	100.00	40.000	100.00	

Elem	Na3302	2203/1	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.85502	-.00187	-.00236	-.00934	.00611	-.02153	.01056
SDev	.06778	.00152	.00321	.00452	.00355	.00393	.00323
%RSD	7.9275	81.410	136.23	48.466	58.059	18.243	30.580
#1	.92380	-.00057	-.00220	-.00430	.00736	-.02295	.01128
#2	.85297	-.00150	.00077	-.01065	.00211	-.01709	.00703
#3	.78828	-.00355	-.00565	-.01306	.00886	-.02455	.01326
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK

Value
Range

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	261560	--	--	--	--	--	--
SDev	275.9878	--	--	--	--	--	--
%RSD	.1055163	--	--	--	--	--	--
#1	261306	--	--	--	--	--	--
#2	261854	--	--	--	--	--	--
#3	261519	--	--	--	--	--	--

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Method: EPA3 Sample Name: ICSAB Operator:
Run Time: 08/17/04 18:21:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48424	.44499	.89973	.49684	.46116	.51613	.45842
SDev	.00061	.00087	.00211	.00074	.00116	.00107	.00119
%RSD	.12645	.19639	.23416	.14897	.25062	.20813	.25970
#1	.48373	.44402	.89754	.49606	.45987	.51645	.45709
#2	.48407	.44573	.90175	.49753	.46211	.51493	.45940
#3	.48492	.44520	.89991	.49692	.46150	.51700	.45877
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	1.0000	.50000	.50000	.50000	.50000
Range	20.000	20.000	20.000	20.000	20.000	20.000	20.000

Elem	Ni2316	Ag3280	V 2924	Zn2138	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.95971	1.0146	.48701	1.0387	1.0502	.92472	.97185
SDev	.00200	.0018	.00034	.0022	.0041	.00695	.00258
%RSD	.20813	.17353	.06986	.21248	.39456	.75201	.26539
#1	.95931	1.0132	.48664	1.0395	1.0475	.93207	.97101
#2	.96188	1.0166	.48731	1.0403	1.0482	.91825	.96980
#3	.95795	1.0142	.48707	1.0362	1.0550	.92384	.97475
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.0000	1.0000	.50000	1.0000	1.0000	1.0000	1.0000
Range	20.000	20.000	20.000	20.000	20.000	20.000	20.000

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98696	1.0080	470.02	538.87	194.07	450.08	.00575
SDev	.00380	.0033	.53	1.21	.39	.43	.00080
%RSD	.38527	.32857	.11334	.22444	.19853	.09471	13.894
#1	.99076	1.0056	470.57	538.13	193.75	450.22	.00540
#2	.98315	1.0066	469.51	540.27	194.49	450.41	.00666
#3	.98699	1.0118	469.96	538.22	193.96	449.59	.00518
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK
Value	1.0000	1.0000	500.00	500.00	200.00	500.00	
Range	20.000	20.000	20.000	20.000	20.000	20.000	

Elem	Na3302	2203/1	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1009	.98182	.96683	.97906	.99087	1.0019	1.0110
SDev	.0338	.00837	.00077	.00512	.00797	.0085	.0057
%RSD	3.0722	.85290	.07950	.52299	.80431	.84871	.56572
#1	1.1153	.98074	.96610	.97639	.99788	.99300	1.0118
#2	1.0623	.97404	.96764	.98496	.98220	1.0099	1.0049
#3	1.1251	.99069	.96674	.97582	.99251	1.0028	1.0162
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK

Value
Range

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	260705	--	--	--	--	--	--
SDev	525.5597	--	--	--	--	--	--
%RSD	.2015917	--	--	--	--	--	--
#1	260109	--	--	--	--	--	--
#2	261102	--	--	--	--	--	--
#3	260904	--	--	--	--	--	--

Analysis Report QC Standard 08/17/04 06:37:21 PM page 1

Method: EPA3 Sample Name: CCV Operator:
Run Time: 08/17/04 18:29:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9762	2.0124	1.9572	2.0286	1.9767	1.9974	1.9760
SDev	.0056	.0085	.0065	.0056	.0087	.0010	.0084
%RSD	.28390	.42482	.32998	.27541	.43910	.04891	.42523
#1	1.9827	2.0196	1.9628	2.0324	1.9838	1.9979	1.9838
#2	1.9730	2.0029	1.9501	2.0222	1.9670	1.9962	1.9671
#3	1.9729	2.0146	1.9587	2.0313	1.9792	1.9980	1.9772
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Ni2316	Ag3280	V 2924	Zn2138	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0401	.24633	2.0209	2.0643	2.0018	1.9737	1.9914
SDev	.0083	.00103	.0073	.0060	.0124	.0024	.0015
%RSD	.40829	.41859	.35930	.28987	.61920	.12083	.07452
#1	2.0443	.24706	2.0277	2.0699	1.9987	1.9762	1.9900
#2	2.0305	.24515	2.0132	2.0580	1.9913	1.9714	1.9912
#3	2.0454	.24679	2.0218	2.0651	2.0155	1.9733	1.9929
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	.25000	2.0000	2.0000	2.0000	2.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9867	2.0038	39.703	40.555	40.714	40.297	38.866
SDev	.0095	.0037	.051	.205	.156	.103	.068
%RSD	.47638	.18322	.12738	.50517	.38222	.25446	.17504
#1	1.9820	2.0048	39.717	40.730	40.820	40.393	38.787
#2	1.9806	2.0069	39.647	40.330	40.536	40.189	38.903
#3	1.9976	1.9997	39.745	40.605	40.787	40.308	38.907
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.0000	2.0000	40.000	40.000	40.000	40.000	40.000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Na3302	2203/1	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	38.929	2.0098	1.9821	1.9888	1.9857	2.0093	2.0010
SDev	.109	.0101	.0065	.0093	.0098	.0035	.0064
%RSD	.27931	.50243	.32888	.46921	.49331	.17222	.31973
#1	38.825	2.0205	1.9746	1.9817	1.9822	2.0125	2.0009
#2	38.919	2.0005	1.9866	1.9854	1.9781	2.0056	2.0075
#3	39.042	2.0083	1.9852	1.9994	1.9967	2.0098	1.9947
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK

Value	40.000
Range	5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	279028	--	--	--	--	--	--
SDev	573.6279	--	--	--	--	--	--
%RSD	.2055804	--	--	--	--	--	--
#1	278384	--	--	--	--	--	--
#2	279482	--	--	--	--	--	--
#3	279220	--	--	--	--	--	--

Analysis Report QC Standard 08/17/04 06:45:16 PM page 1

Method: EPA3 Sample Name: CCB Operator:
Run Time: 08/17/04 18:37:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00177	.00051	.00014	.00003	.00062	.00068	.00020
SDev	.00018	.00004	.00052	.00039	.00054	.00009	.00033
%RSD	9.9376	7.8395	360.33	1368.4	86.493	12.607	169.60
#1	-.00165	.00052	.00040	.00015	.00122	.00059	.00027
#2	-.00197	.00046	-.00046	-.00040	.00047	.00071	.00049
#3	-.00168	.00054	.00049	.00034	.00017	.00075	-.00017
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.02000	.00060	.00120	.00500	.00270	.00300	.00150

Elem	Ni2316	Ag3280	V 2924	Zn2138	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00194	.00027	.00190	.00049	-.00129	.00251	-.00035
SDev	.00084	.00016	.00010	.00028	.00265	.00136	.00100
%RSD	43.089	60.817	5.0991	56.788	205.19	54.299	285.44
#1	.00146	.00009	.00181	.00065	.00146	.00245	-.00149
#2	.00146	.00032	.00190	.00066	-.00151	.00391	.00038
#3	.00290	.00040	.00200	.00017	-.00383	.00118	.00006
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.00690	.00180	.00500	.00930	.00500	.01000	.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00009	.00214	-.01339	.04847	.01142	.02243	.00123
SDev	.00343	.00509	.00367	.00021	.00857	.00483	.00087
%RSD	3648.7	237.32	27.409	.43815	75.051	21.550	70.820
#1	.00184	Q.00631	-.01136	.04868	.01914	.02802	.00223
#2	.00230	.00366	-.01118	.04847	.00220	.01966	.00079
#3	-.00386	-.00353	-.01762	.04825	.01291	.01962	.00066
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	.00000	.00000	.00000	.00000
Range	.00500	.00500	.13650	.50000	.08730	.50000	.50000

Elem	Na3302	2203/1	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.03655	-.00066	-.00025	.00085	-.00033	-.00183	.00409
SDev	.04052	.00103	.00112	.00428	.00301	.00236	.00645
%RSD	110.86	157.15	444.23	504.50	923.47	128.92	157.91
#1	-.07490	-.00173	-.00142	.00304	.00120	-.00004	.00944
#2	-.04057	-.00057	.00080	.00359	.00162	-.00094	.00591
#3	.00583	.00033	-.00013	-.00409	-.00379	-.00451	-.[illegible]
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK

Value .00000
Range .81450

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	278412	--	--	--	--	--	--
SDev	582.1089	--	--	--	--	--	--
%RSD	.2090822	--	--	--	--	--	--
#1	277836	--	--	--	--	--	--
#2	278398	--	--	--	--	--	--
#3	279000	--	--	--	--	--	--

Analysis Report 08/17/04 07:03:39 PM page 1

Method: EPA3 Sample Name: MP26794-MB3 Operator:
Run Time: 08/17/04 18:55:47
Comment: 2
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00183	.00014	-.00022	.00243	.00063	.00102	-.00024
SDev	.00065	.00006	.00039	.00021	.00051	.00035	.00013
%RSD	35.474	38.447	179.18	8.5596	80.531	34.089	53.728
#1	-.00227	.00021	.00023	.00219	.00057	.00068	-.00018
#2	-.00214	.00010	-.00048	.00255	.00016	.00100	-.00039
#3	-.00108	.00012	-.00040	.00255	.00117	.00138	-.00015
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.00500	.00400	.05000	.01000	.02500	.01500
Low	-.20000	-.00500	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2138	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00495	.00035	.00054	.00144	.00184	H.00855	-.00017
SDev	.00530	.00045	.00076	.00028	.00365	.00595	.00182
%RSD	106.95	127.78	141.21	19.736	198.46	69.573	1088.4
#1	.00000	.00047	.00118	.00161	-.00047	H.00991	-.00227
#2	.00432	-.00015	.00073	.00160	-.00006	.00204	.00085
#3	.01054	.00073	-.00030	.00111	H.00606	H.01370	.00091
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	.04000	.01000	.05000	.02000	.00500	.00500	.00300
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.00500	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00169	-.00273	-.03714	.04865	-.01894	.00101	-.00437
SDev	.00158	.00442	.01452	.00301	.00285	.00151	.00951
%RSD	93.765	161.55	39.110	6.1905	15.064	149.56	217.75
#1	-.00212	.00074	-.04752	.04645	-.02223	.00014	.00082
#2	-.00300	-.00123	-.04335	.04741	-.01746	.00275	.00142
#3	.00007	L-.00770	-.02054	.05208	-.01713	.00014	-.01534
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00500	.00500	.15000	5.0000	.10000	5.0000	5.0000
Low	-.00500	-.00500	-.15000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	2203/1	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.10563	-.00053	-.00004	.00658	-.00585	-.00329	-.00250
SDev	.03224	.00518	.00128	.00454	.00457	.00468	.00432
%RSD	30.520	980.06	3136.0	68.962	78.066	142.45	172.69
#1	-.06886	-.00578	-.00057	.00940	-.00791	.00090	.00061
#2	-.12904	-.00037	.00141	.00899	-.00903	-.00242	-.00069
#3	-.11899	.00457	-.00097	.00135	-.00062	-.00834	-.00743
Errors	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK

2001

High	5.0000
Low	-5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	278116	--	--	--	--	--	--
SDev	8031.128	--	--	--	--	--	--
%RSD	2.887685	--	--	--	--	--	--
#1	284040	--	--	--	--	--	--
#2	281334	--	--	--	--	--	--
#3	268976	--	--	--	--	--	--

Analysis Report 08/17/04 07:11:35 PM page 1

Method: EPA3 Sample Name: MP26794-B3 Operator:
Run Time: 08/17/04 19:03:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.7025	.08802	.08752	.90937	.35409	.50018	.90296
SDev	.0083	.00024	.00036	.00160	.00056	.00106	.00190
%RSD	.22339	.27053	.41113	.17631	.15848	.21153	.21045
#1	3.7111	.08792	.08784	.91017	.35347	.50136	.90232
#2	3.7018	.08829	.08759	.91041	.35457	.49984	.90509
#3	3.6946	.08785	.08713	.90752	.35422	.49933	.90146
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.500	9.0000	22.500	45.000	45.000	45.000	45.000
Low	-.20000	-.00500	-.00400	-.05000	-.01000	-.02500	-.01500

Elem	Ni2316	Ag3280	V 2924	Zn2138	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.90849	.08769	.91914	.91902	3.4055	3.5925	.89275
SDev	.00778	.00042	.00068	.00103	.0087	.0109	.00300
%RSD	.85622	.48194	.07383	.11171	.25433	.30284	.33563
#1	.90102	.08724	.91947	.91915	3.4135	3.5970	.89571
#2	.91654	.08775	.91959	.91793	3.4066	3.6003	.88972
#3	.90790	.08808	.91836	.91997	3.3963	3.5800	.89284
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	.90000	45.000	9.0000	45.000	45.000	45.000
Low	-.04000	-.01000	-.05000	-.02000	-.00500	-.01000	-.00300

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.1716	.88556	52.029	11.171	48.529	11.613	12.283
SDev	.0168	.01094	.052	.024	.081	.021	.065
%RSD	.52841	1.2350	.09978	.21520	.16694	.17861	.53133
#1	3.1903	.87696	52.089	11.192	48.465	11.630	12.357
#2	3.1579	.88184	51.998	11.176	48.620	11.619	12.233
#3	3.1665	.89787	52.001	11.145	48.501	11.589	12.260
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	45.000	45.000	900.00	900.00	900.00	900.00	450.00
Low	-.00500	-.00500	-.20000	-5.0000	-.10000	-5.0000	-5.0000

Elem	Na3302	2203/1	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.635	.90633	.88592	3.1341	3.1902	.88966	.88346
SDev	.093	.00496	.00218	.0186	.0191	.01104	.01092
%RSD	.79935	.54752	.24583	.59325	.59744	1.2407	1.2358
#1	11.603	.91180	.88761	3.1535	3.2086	.88022	.87529
#2	11.740	.90212	.88346	3.1325	3.1705	.88698	.87923
#3	11.562	.90505	.88668	3.1164	3.1915	.90180	.89586
Errors	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK

2003

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: N74646
Account: ENSRMAA - ENSR Consulting & Engineering
Project: Former Camp Butner, NC

File ID: H10812W1.PRN
Analyst: WG
Parameters: Hg

Date Analyzed: 08/12/04
Run ID: MA14274

Methods: EPA 245.1, SW846 7470A

Time	Sample Description	Dilution Factor	PS Recov	Comments
09:15	MA14274-STD1	1		STD1REP1
09:17	MA14274-STD2	1		STD2REP1
09:19	MA14274-STD3	1		STD3REP1
09:20	MA14274-STD4	1		STD4REP1
09:22	MA14274-STD5	1		STD5REP1
09:23	MA14274-STD6	1		STD6REP1
09:25	MA14274-ICV1	1		
09:27	MA14274-ICB1	1		
09:29	MA14274-CCV1	1		
09:31	MA14274-CCB1	1		
09:32	MA14274-CRI1	1		
09:33	MP26762-MB1	1		
09:35	MP26762-LC1	1		
09:36	MP26762-S1	1		
09:37	MP26762-S2	1		
09:39	N74362-1	1		(sample used for QC only; not part of login N74646)
09:41	ZZZZZZ	1		
09:43	MP26763-MB1	1		
09:45	MP26763-LC1	1		
09:46	MP26763-S1	1		
09:48	MA14274-CCV2	1		
09:49	MA14274-CCB2	1		
09:51	MP26763-S2	1		
09:52	N74646-1	1		
09:54	N74646-2	1		
09:56	N74646-3	1		
09:57	N74646-4	1		
09:58	N74646-5	1		
10:00	N74646-6	1		
10:03	N74646-1F	1		
10:04	N74646-2F	1		
10:06	N74646-3F	1		
10:07	MA14274-CCV3	1		

2004

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: N74646
Account: ENSRMAA - ENSR Consulting & Engineering
Project: Former Camp Butner, NC

File ID: H10812W1.PRN Date Analyzed: 08/12/04 Methods: EPA 245.1, SW846 7470A
Analyst: WG Run ID: MA14274
Parameters: Hg

	Time	Sample Description	Dilution Factor	PS Recov	Comments
	10:08	MA14274-CCB3	1		
	10:10	N74646-4F	1		
	10:12	N74646-5F	1		
	10:14	N74646-6F	1		
---------->	Last reportable sample/prep for job N74646				
	10:16	ZZZZZZ	1		
	10:18	ZZZZZZ	1		
	10:20	ZZZZZZ	1		
	10:21	ZZZZZZ	1		
	10:22	ZZZZZZ	1		
	10:24	ZZZZZZ	1		
	10:25	ZZZZZZ	1		
	10:27	MA14274-CCV4	1		
	10:29	MA14274-CCB4	1		
---------->	Last reportable CCB for job N74646				
	10:30	ZZZZZZ	1		
	10:32	MP26731-MB3	1		
	10:33	MP26731-LC3	1		
	10:35	MP26731-LB3	1		
	10:37	ZZZZZZ	1		
	10:39	ZZZZZZ	1		
	10:41	ZZZZZZ	1		
	10:42	ZZZZZZ	1		
	10:43	ZZZZZZ	1		
	10:45	MP26764-MB1	1		
	10:47	MA14274-CCV5	1		
	10:48	MA14274-CCB5	1		
	10:49	MP26764-LC1	1		
	10:51	MP26764-LB1	1		
	10:53	MP26764-B1	1		
	10:54	MP26764-S1	1		
	10:56	MP26764-S2	1		
	10:57	N74460-5A	1		(sample used for QC only; not part of login N74646)
	10:59	MP26765-MB1	1		
	11:00	MP26765-LC1	1		

2005

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: N74646
Account: ENSRMAA - ENSR Consulting & Engineering
Project: Former Camp Butner, NC

File ID: H10812W1.PRN Date Analyzed: 08/12/04 Methods: EPA 245.1, SW846 7470A
Analyst: WG Run ID: MA14274
Parameters: Hg

Time	Sample Description	Dilution Factor	PS Recov	Comments
11:02	MP26765-LB1	1		
11:04	MP26765-B1	1		
11:05	MA14274-CCV6	1		
11:07	MA14274-CCB6	1		
11:08	MP26765-S1	1		
11:10	MP26765-S2	1		
11:12	N74650-1A	1		(sample used for QC only; not part of login N74646)
11:13	MP26766-MB1	1		
11:15	MP26766-LC1	1		
11:17	MP26766-LB1	1		
11:19	MP26766-B1	1		
11:21	MP26766-S1	1		
11:22	MP26766-S2	1		
11:24	N73864-1	1		(sample used for QC only; not part of login N74646)
11:25	MA14274-CCV7	1		
11:27	MA14274-CCB7	1		
11:29	ZZZZZZ	1		
11:31	MA14274-CCV8	1		
11:32	MA14274-CCB8	1		
11:34	MA14274-CRI2	1		
11:35	MA14274-CCV9	1		
11:37	MA14274-CCB9	1		

Refer to raw data for calibration curve and standards.

LABORATORY REVIEW SIGNATURE FORM
(To be stored with the raw data)

File ID: H10812W1.PRN
Analyst: WG

Date Analyzed: 08/12/04
Run ID: MA14274

Methods: EPA 245.1, SW846 7470A

The following analyst(s) have reviewd this run and attest that, to the best of their knowledge, this documentation is complete and correct:

Analyst: _____ Date 8/12/04

Analyst: _____ Date _____

Analyst: _____ Date _____

Analyst: _____ Date _____

Analyst: _____ Date _____

Analyst: _____ Date _____

Analyst: _____ Date _____

The following supervisor or their designee has reviewed this run and attests that, to the best of their knowledge, this documentation is complete and correct:

Supervisor (or designee): _____ Date 8/12/04

8/12/04

11:42:39 12 Aug 2004 Protocol: HGPPB

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Standard: 1 Rep: 1 Seq: 0 09:15:40 12 Aug 2004 HG

Hg .000 ppb 7427

*** Standard: 2 Rep: 1 Seq: 1 09:17:42 12 Aug 2004 HG

Hg .200 ppb 19954

*** Standard: 3 Rep: 1 Seq: 2 09:19:20 12 Aug 2004 HG

Hg .500 ppb 50519

*** Standard: 4 Rep: 1 Seq: 3 09:20:44 12 Aug 2004 HG

Hg 1.00 ppb 91744

*** Standard: 5 Rep: 1 Seq: 4 09:22:16 12 Aug 2004 HG

Hg 2.00 ppb 171680

*** Standard: 6 Rep: 1 Seq: 5 09:23:50 12 Aug 2004 HG

Hg 5.00 ppb 411249

*** Sample ID: ICV Seq: 6 09:25:36 12 Aug 2004 HG

95.7% Hg 2.87 ppb .000 2.87

*** Sample ID: ICB Seq: 7 09:27:24 12 Aug 2004 HG

Hg -.107 ppb .000 -.107

*** Check Standard: 2 Ck2CCV Seq: 8 09:29:11 12 Aug 2004 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		97.8	2.45	2.50	ppb	.000

*** Check Standard: 1 Ck1CCB Seq: 9 09:31:11 12 Aug 2004 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.036	.200	ppb	.000

*** Sample ID: CRA Seq: 10 09:32:24 12 Aug 2004 HG

13% Hg .226 ppb .000 .226

*** Sample ID: MP26762-MB Seq: 11 09:33:59 12 Aug 2004 HG

Hg -.022 ppb .000 -.022

Wenyo Gao 8/12/04

2008

11:42:39 12 Aug 2004 Protocol: HGPPB

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: MP26762-LC Seq: 12 09:35:22 12 Aug 2004 HG

99% Hg 1.98 ppb .000 1.98

*** Sample ID: MP26762-S1 Seq: 13 09:36:38 12 Aug 2004 HG

75.5% Hg .855 ppb .000 .855

*** Sample ID: MP26762-S2 Seq: 14 09:37:53 12 Aug 2004 HG

71.4% Hg .772 ppb .000 .772

*** Sample ID: N74362-1 Seq: 15 09:39:27 12 Aug 2004 HG

Hg .145 ppb .000 .145

*** Sample ID: N74363-1 Seq: 16 09:41:46 12 Aug 2004 HG

Hg -.007 ppb .000 -.007

*** Sample ID: MP26763-MB Seq: 17 09:43:06 12 Aug 2004 HG

Hg .015 ppb .000 .015

*** Sample ID: MP26763-LC Seq: 18 09:45:21 12 Aug 2004 HG

76.5% Hg 1.89 ppb .000 1.89

*** Sample ID: MP26763-S1 Seq: 19 09:46:50 12 Aug 2004 HG

72.3% Hg 1.90 ppb .000 1.90

*** Check Standard: 2 Ck2CCV Seq: 20 09:48:18 12 Aug 2004 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		96.8	2.42	2.50	ppb	.000

*** Check Standard: 1 Ck1CCB Seq: 21 09:49:56 12 Aug 2004 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.037	.200	ppb	.000

*** Sample ID: MP26763-S2 Seq: 22 09:51:16 12 Aug 2004 HG

73.3% Hg 1.92 ppb .000 1.92

*** Sample ID: N74646-1 Seq: 23 09:52:42 12 Aug 2004 HG

Hg .054 ppb .000 .054

11:42:39 12 Aug 2004 Protocol: HGPPB

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: N74646-2 Seq: 24 09:54:20 12 Aug 2004 HG

Hg .016 ppb .000 .016

*** Sample ID: N74646-3 Seq: 25 09:56:05 12 Aug 2004 HG

Hg .061 ppb .000 .061

*** Sample ID: N74646-4 Seq: 26 09:57:40 12 Aug 2004 HG

Hg .031 ppb .000 .031

*** Sample ID: N74646-5 Seq: 27 09:58:54 12 Aug 2004 HG

Hg .001 ppb .000 .001

*** Sample ID: N74646-6 Seq: 28 10:00:51 12 Aug 2004 HG

Hg .146 ppb .000 .146

*** Sample ID: N74646-1F Seq: 29 10:03:15 12 Aug 2004 HG

Hg -.079 ppb .000 -.079

*** Sample ID: N74646-2F Seq: 30 10:04:39 12 Aug 2004 HG

Hg .092 ppb .000 .092

*** Sample ID: N74646-3F Seq: 31 10:06:04 12 Aug 2004 HG

Hg -.086 ppb .000 -.086

*** Check Standard: 2 Ck2CCV Seq: 32 10:07:25 12 Aug 2004 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		99.5	2.49	2.50	ppb	.000

*** Check Standard: 1 Ck1CCB Seq: 33 10:08:43 12 Aug 2004 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.023	.200	ppb	.000

*** Sample ID: N74646-4F Seq: 34 10:10:48 12 Aug 2004 HG

Hg -.034 ppb .000 -.034

*** Sample ID: N74646-5F Seq: 35 10:12:52 12 Aug 2004 HG

Hg -.115 ppb .000 -.115

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: N74646-6F Seq: 36 10:14:18 12 Aug 2004 HG

Hg	.027	ppb	.000	.027

*** Sample ID: N74629-1Q Seq: 37 10:16:35 12 Aug 2004 HG

Hg	-.043	ppb	.000	-.043

*** Sample ID: N73786-9 Seq: 38 10:18:02 12 Aug 2004 HG

Hg	-.028	ppb	.000	-.028

*** Sample ID: N74426-1 Seq: 39 10:20:00 12 Aug 2004 HG

Hg	-.131	ppb	.000	-.131

*** Sample ID: N74426-2 Seq: 40 10:21:36 12 Aug 2004 HG

Hg	.008	ppb	.000	.008

*** Sample ID: N74624-1 Seq: 41 10:22:50 12 Aug 2004 HG

Hg	.069	ppb	.000	.069

*** Sample ID: N74624-2 Seq: 42 10:24:16 12 Aug 2004 HG

Hg	-.006	ppb	.000	-.006

*** Sample ID: N74624-3 Seq: 43 10:25:35 12 Aug 2004 HG

Hg	.062	ppb	.000	.062

*** Check Standard: 2 Ck2CCV Seq: 44 10:27:22 12 Aug 2004 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		99.2	2.48	2.50	ppb	.000

*** Check Standard: 1 Ck1CCB Seq: 45 10:29:39 12 Aug 2004 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.004	.200	ppb	.000

*** Sample ID: N74624-4 Seq: 46 10:30:55 12 Aug 2004 HG

Hg	-.055	ppb	.000	-.055

*** Sample ID: MP26731-MB Seq: 47 10:32:12 12 Aug 2004 HG

Hg	-.037	ppb	.000	-.037

11:42:40 12 Aug 2004 Protocol: HGPPB

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: MP26731-LC Seq: 48 10:33:29 12 Aug 2004 HG

95% Hg 1.90 ppb .000 1.90

*** Sample ID: MP26731-LB Seq: 49 10:35:10 12 Aug 2004 HG

Hg -.052 ppb .000 -.052

*** Sample ID: N74374-1A Seq: 50 10:37:11 12 Aug 2004 HG

A Hg -.017 ppb .000 -.017

*** Sample ID: N74374-2A Seq: 51 10:39:08 12 Aug 2004 HG

Hg .086 ppb .000 .086

*** Sample ID: N74626-1 Seq: 52 10:41:07 12 Aug 2004 HG

Hg .072 ppb .000 .072

*** Sample ID: N74627-1 Seq: 53 10:42:34 12 Aug 2004 HG

Hg -.081 ppb .000 -.081

*** Sample ID: N74149-6 Seq: 54 10:43:52 12 Aug 2004 HG

Hg .044 ppb .000 .044

*** Sample ID: MP26764-MB Seq: 55 10:45:50 12 Aug 2004 HG

Hg .057 ppb .000 .057

*** Check Standard: 2 Ck2CCV Seq: 56 10:47:19 12 Aug 2004 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		95.5	2.39	2.50	ppb	.000

*** Check Standard: 1 Ck1CCB Seq: 57 10:48:36 12 Aug 2004 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.039	.200	ppb	.000

*** Sample ID: MP26764-LC Seq: 58 10:49:52 12 Aug 2004 HG

97% Hg 1.94 ppb .000 1.94

*** Sample ID: MP26764-LB Seq: 59 10:51:40 12 Aug 2004 HG

Hg .050 ppb .000 .050

11:42:40 12 Aug 2004 Protocol: HGPPB

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: MP26764-B1 Seq: 60 10:53:03 12 Aug 2004 HG

72.5 Hg 1.95 ppb .000 1.95

*** Sample ID: MP26764-S1 Seq: 61 10:54:20 12 Aug 2004 HG

94 Hg 1.88 ppb .000 1.88

*** Sample ID: MP26764-S2 Seq: 62 10:56:22 12 Aug 2004 HG

96 Hg 1.92 ppb .000 1.92

*** Sample ID: N74460-5A Seq: 63 10:57:40 12 Aug 2004 HG

A

Hg -.094 ppb .000 -.094

*** Sample ID: MP26765-MB Seq: 64 10:59:00 12 Aug 2004 HG

Hg -.150 ppb .000 -.150

*** Sample ID: MP26765-LC Seq: 65 11:00:22 12 Aug 2004 HG

97 Hg 1.94 ppb .000 1.94

*** Sample ID: MP26765-LB Seq: 66 11:02:20 12 Aug 2004 HG

Hg .013 ppb .000 .013

*** Sample ID: MP26765-B1 Seq: 67 11:04:02 12 Aug 2004 HG

90 Hg 1.80 ppb .000 1.80

*** Check Standard: 2 Ck2CCV Seq: 68 11:05:32 12 Aug 2004 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		97.8	2.45	2.50	ppb	.000

*** Check Standard: 1 Ck1CCB Seq: 69 11:07:13 12 Aug 2004 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.125	.200	ppb	.000

*** Sample ID: MP26765-S1 Seq: 70 11:08:44 12 Aug 2004 HG

6.5 Hg 1.93 ppb .000 1.93

*** Sample ID: MP26765-S2 Seq: 71 11:10:56 12 Aug 2004 HG

98.5 Hg 1.97 ppb .000 1.97

11:42:40 12 Aug 2004 Protocol: HGPPB

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: N74650-1A Seq: 72 11:12:18 12 Aug 2004 HG

Hg -.036 ppb .000 -.036

*** Sample ID: MP26766-MB Seq: 73 11:13:59 12 Aug 2004 HG

Hg .056 ppb .000 .056

*** Sample ID: MP26766-LC Seq: 74 11:15:33 12 Aug 2004 HG

95% Hg 1.90 ppb .000 1.90

*** Sample ID: MP26766-LB Seq: 75 11:17:23 12 Aug 2004 HG

Hg .039 ppb .000 .039

*** Sample ID: MP26766-B1 Seq: 76 11:19:44 12 Aug 2004 HG

9.5% Hg 1.79 ppb .000 1.79

*** Sample ID: MP26766-S1 Seq: 77 11:21:15 12 Aug 2004 HG

93% Hg 1.86 ppb .000 1.86

*** Sample ID: MP26766-S2 Seq: 78 11:22:35 12 Aug 2004 HG

91.5% Hg 1.83 ppb .000 1.83

*** Sample ID: N73864-1 Seq: 79 11:24:26 12 Aug 2004 HG

Hg -.053 ppb .000 -.053

*** Check Standard: 2 Ck2CCV Seq: 80 11:25:49 12 Aug 2004 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		97.2	2.43	2.50	ppb	.000

*** Check Standard: 1 Ck1CCB Seq: 81 11:27:59 12 Aug 2004 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.014	.200	ppb	.000

*** Sample ID: N74342-1 Seq: 82 11:29:36 12 Aug 2004 HG

Hg .037 ppb .000 .037

*** Check Standard: 2 Ck2CCV Seq: 83 11:31:17 12 Aug 2004 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		97.7	2.44	2.50	ppb	.000

11:42:40 12 Aug 2004 Protocol: HGPPB

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 1 Ck1CCB Seq: 84 11:32:33 12 Aug 2004 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.064	.200	ppb	.000

*** Sample ID: CRA Seq: 85 11:34:10 12 Aug 2004 HG

Hg	.225	ppb	.000	.225

*** Check Standard: 2 Ck2CCV Seq: 86 11:35:38 12 Aug 2004 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		96.1	2.40	2.50	ppb	.000

*** Check Standard: 1 Ck1CCB Seq: 87 11:37:08 12 Aug 2004 HG

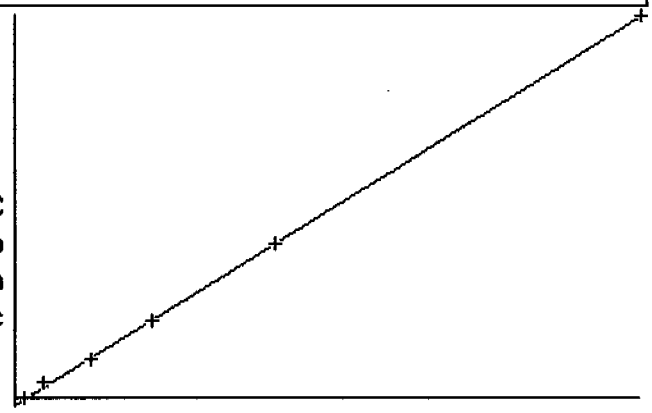
Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.046	.200	ppb	.000

```
RunProt: HGPPB      Hg analysis in the ppb range
RunFold: h10812w1 Seq: 88   Batch:
                  Prnt: R/T On                        Pump: On
                  Rev: 4.2    11:42:43 12 Aug 2004 Xmit: Off Gas:     0.70 LPM
State: Idle                                           User: ACCUTEST    A/S: On
```

CALIBRATION: Line proto: HGPPB

	Hg Conc.	Calc.	Dev.	Accepted ->linear	
S1	.000	-.009	-.009	Quadratic	
S2	.200	.146	-.054	Wtdlinear	
S3	.500	.524	.024		C
S4	1.00	1.03	.034	Accept	o
S5	2.00	2.02	.022		n
S6	5.00	4.98	-.017		c

A .0000000 r .999846
B 1.23618e-5 C -1.00526e-1



Relative Absorbance

	Mean		SD	
S1	7427	0	SD	7427
S2	19954	0	%RSD	19954
S3	50519	0	%RSD	50519
S4	91744	0	%RSD	91744
S5	171680	0	%RSD	171680
S6	411249	0	%RSD	411249

```
For help on <hotkey> press Shift <hotkey>
```

ACCUTEST

Reagent Information Log- Hg Waters

MA # 14224

Reagents	Exp. Date	Reagent # or manufacturer lot #
Conc. Sulfuric Acid	8/06	Omnitrace 44005
Conc. Nitric Acid	8/06	Baker A5025
Sodium Chloride-Hydroxylamine Hydrochloride	1/30/05	GN-46-188 - HGHCl
Potassium Permanganate 5%	1/30/05	GN-46-186 - HGKm
Potassium Persulfate	1/30/05	GN-46-187 - HGKS
Stannous Chloride	8/13/04	GN-47-174 - HGS
STD Hg standard solution 1000 ppm	01/06	Absolute Grade 011503
STD Hg standard solution 40 ppb	8/12/04	GN-46-213 - HGA3
STD Hg standard solution 4 ppb	8/12/04	GN-46-214 - HGA4
ICV/CCV Hg standard solution 1000 ppm	11/05	Ultra 1H-1173
ICV/CCV Hg standard solution 20 ppb	8/12/04	GN-46-215 - HGB3

Form: GN-087 1-36A
Rev. Date: 02/13/2003

2017

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: N74646
Account: ENSRMAA - ENSR Consulting & Engineering
Project: Former Camp Butner, NC

File ID: H10813W1.PRN Date Analyzed: 08/13/04 Methods: SW846 7470A
Analyst: WG Run ID: MA14280
Parameters: Hg

Time	Sample Description	Dilution Factor	PS Recov	Comments
09:11	MA14280-STD1	1		STD1REP1
09:13	MA14280-STD2	1		STD2REP1
09:15	MA14280-STD3	1		STD3REP1
09:18	MA14280-STD4	1		STD4REP1
09:20	MA14280-STD5	1		STD5REP1
09:21	MA14280-STD6	1		STD6REP1
09:27	MA14280-ICV1	1		
09:29	MA14280-ICB1	1		
09:31	MA14280-CCV1	1		
09:32	MA14280-CCB1	1		
09:33	MA14280-CRI1	1		
09:35	MP26774-MB1	1		
09:36	MP26774-LC1	1		
09:39	MP26774-S1	1		
09:40	MP26774-S2	1		
09:41	N74646-8	1		
09:43	N74646-9	1		
09:46	N74646-10	1		
09:47	N74646-11	1		
09:48	N74646-12	1		
09:49	MA14280-CCV2	1		
09:51	MA14280-CCB2	1		
09:53	N74646-13	1		
09:55	N74646-8F	1		
09:57	N74646-9F	1		
09:59	N74646-10F	1		
10:00	N74646-11F	1		
10:04	N74646-12F	1		
10:05	N74646-13F	1		
---------->	Last reportable sample/prep for job N74646			
10:06	ZZZZZZ	1		
10:08	ZZZZZZ	1		
10:09	ZZZZZZ	1		
10:11	MA14280-CCV3	1		

2018

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: N74646
Account: ENSRMAA - ENSR Consulting & Engineering
Project: Former Camp Butner, NC

File ID: H10813W1.PRN Date Analyzed: 08/13/04 Methods: SW846 7470A
Analyst: WG Run ID: MA14280
Parameters: Hg

Time	Sample Description	Dilution Factor	PS Recov	Comments
10:12	MA14280-CCB3	1		
----------> Last reportable CCB for job N74646				
10:13	ZZZZZZ	1		
10:16	ZZZZZZ	1		
10:17	ZZZZZZ	1		
10:19	ZZZZZZ	1		
10:21	ZZZZZZ	1		
10:23	MP26775-MB1	1		
10:24	MP26775-LC1	1		
10:25	MP26775-LB1	1		
10:26	MP26775-B1	1		
10:28	MP26775-S1	1		
10:29	MA14280-CCV4	1		
10:31	MA14280-CCB4	1		
10:32	MP26775-S2	1		
10:33	N74476-1	1		(sample used for QC only; not part of login N74646)
10:36	ZZZZZZ	1		
10:37	ZZZZZZ	1		
10:39	ZZZZZZ	1		
10:40	ZZZZZZ	1		
10:42	MP26731-MB4	1		
10:43	MP26731-LC4	1		
10:45	MP26731-LB4	1		
10:46	ZZZZZZ	1		
10:49	MA14280-CCV5	1		
10:51	MA14280-CCB5	1		
10:53	MA14280-CRI2	1		
10:54	MA14280-CCV6	1		
10:56	MA14280-CCB6	1		

Refer to raw data for calibration curve and standards.

LABORATORY REVIEW SIGNATURE FORM
(To be stored with the raw data)

File ID: H10813W1.PRN
Analyst: WG

Date Analyzed: 08/13/04
Run ID: MA14280

Methods: SW846 7470A

The following analyst(s) have reviewd this run and attest that, to the best of their knowledge, this documentation is complete and correct:

Analyst: Wenyo Guo Date 8/13/04

Analyst: _____ Date _____

Analyst: _____ Date _____

Analyst: _____ Date _____

Analyst: _____ Date _____

Analyst: _____ Date _____

Analyst: _____ Date _____

The following supervisor or their designee has reviewed this run and attests that, to the best of their knowledge, this documentation is complete and correct:

Supervisor (or designee): [signature] Date 8/13/04

MC 8/19/04

Folder: H10813W1
11:17:13 13 Aug 2004 Protocol: HGPPB
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Standard: 1 Rep: 1 Seq: 0 09:11:55 13 Aug 2004 HG

Hg .000 ppb 12107

*** Standard: 2 Rep: 1 Seq: 1 09:13:16 13 Aug 2004 HG

Hg .200 ppb 16473

*** Standard: 3 Rep: 1 Seq: 2 09:15:27 13 Aug 2004 HG

Hg .500 ppb 45184

*** Standard: 4 Rep: 1 Seq: 3 09:18:05 13 Aug 2004 HG

Hg 1.00 ppb 89191

*** Standard: 5 Rep: 1 Seq: 4 09:20:18 13 Aug 2004 HG

Hg 2.00 ppb 160774

*** Standard: 6 Rep: 1 Seq: 5 09:21:48 13 Aug 2004 HG

Hg 5.00 ppb 400251

*** Sample ID: ICV Seq: 6 09:27:49 13 Aug 2004 HG

93.7% Hg 2.81 ppb .000 2.81

*** Sample ID: ICB Seq: 7 09:29:12 13 Aug 2004 HG

Hg -.056 ppb .000 -.056

*** Check Standard: 2 Ck2CCV Seq: 8 09:31:00 13 Aug 2004 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		97.0	2.43	2.50	ppb	.000

*** Check Standard: 1 Ck1CCB Seq: 9 09:32:18 13 Aug 2004 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.048	.200	ppb	.000

*** Sample ID: CRA Seq: 10 09:33:45 13 Aug 2004 HG

0.5% Hg .213 ppb .000 .213

*** Sample ID: MP26774-MB Seq: 11 09:35:30 13 Aug 2004 HG

Hg .022 ppb .000 .022

Wenyo Guo 8/13/04

2021

11:17:13 13 Aug 2004 Protocol: HGPPB

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: MP26774-LC Seq: 12 09:36:43 13 Aug 2004 HG

96 % Hg 1.92 ppb .000 1.92

*** Sample ID: MP26774-S1 Seq: 13 09:39:02 13 Aug 2004 HG

94.5 % Hg 1.69 ppb .000 1.69

*** Sample ID: MP26774-S2 Seq: 14 09:40:37 13 Aug 2004 HG

94.5 % Hg 1.89 ppb .000 1.89

*** Sample ID: N74646-8 Seq: 15 09:41:54 13 Aug 2004 HG

Hg -.048 ppb .000 -.048

*** Sample ID: N74646-9 Seq: 16 09:43:38 13 Aug 2004 HG

Hg .034 ppb .000 .034

*** Sample ID: N74646-10 Seq: 17 09:46:05 13 Aug 2004 HG

Hg .001 ppb .000 .001

*** Sample ID: N74646-11 Seq: 18 09:47:21 13 Aug 2004 HG

Hg -.067 ppb .000 -.067

*** Sample ID: N74646-12 Seq: 19 09:48:38 13 Aug 2004 HG

Hg .050 ppb .000 .050

*** Check Standard: 2 Ck2CCV Seq: 20 09:49:53 13 Aug 2004 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		98.8	2.47	2.50	ppb	.000

*** Check Standard: 1 Ck1CCB Seq: 21 09:51:29 13 Aug 2004 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.096	.200	ppb	.000

*** Sample ID: N74646-13 Seq: 22 09:53:34 13 Aug 2004 HG

Hg -.098 ppb .000 -.098

*** Sample ID: N74646-8F Seq: 23 09:55:39 13 Aug 2004 HG

Hg .034 ppb .000 .034

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: N74646-9F Seq: 24 09:57:53 13 Aug 2004 HG

Hg .010 ppb .000 .010

*** Sample ID: N74646-10F Seq: 25 09:59:37 13 Aug 2004 HG

Hg -.013 ppb .000 -.013

*** Sample ID: N74646-11F Seq: 26 10:00:54 13 Aug 2004 HG

Hg .052 ppb .000 .052

*** Sample ID: N74646-12F Seq: 27 10:04:04 13 Aug 2004 HG

Hg -.008 ppb .000 -.008

*** Sample ID: N74646-13F Seq: 28 10:05:23 13 Aug 2004 HG

Hg -.118 ppb .000 -.118

*** Sample ID: N74828-1 Seq: 29 10:06:52 13 Aug 2004 HG

Hg -.005 ppb .000 -.005

*** Sample ID: N74713-1 Seq: 30 10:08:07 13 Aug 2004 HG

Hg .031 ppb .000 .031

*** Sample ID: N74713-2 Seq: 31 10:09:44 13 Aug 2004 HG

Hg -.035 ppb .000 -.035

*** Check Standard: 2 Ck2CCV Seq: 32 10:11:14 13 Aug 2004 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		97.9	2.45	2.50	ppb	.000

*** Check Standard: 1 Ck1CCB Seq: 33 10:12:30 13 Aug 2004 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.030	.200	ppb	.000

*** Sample ID: N74713-3 Seq: 34 10:13:56 13 Aug 2004 HG

Hg -.022 ppb .000 -.022

*** Sample ID: N74713-4 Seq: 35 10:16:15 13 Aug 2004 HG

Hg .030 ppb .000 .030

11:17:13 13 Aug 2004 Protocol: HGPPB

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

A

*** Sample ID: N74713-5 Seq: 36 10:17:33 13 Aug 2004 HG

Hg .024 ppb .000 .024

*** Sample ID: N74713-6 Seq: 37 10:19:01 13 Aug 2004 HG

Hg .045 ppb .000 .045

*** Sample ID: N74713-7 Seq: 38 10:21:05 13 Aug 2004 HG

Hg -.014 ppb .000 -.014

*** Sample ID: MP26775-MB Seq: 39 10:23:00 13 Aug 2004 HG

Hg -.055 ppb .000 -.055

*** Sample ID: MP26775-LC Seq: 40 10:24:15 13 Aug 2004 HG

92.5% Hg 1.85 ppb .000 1.85

*** Sample ID: MP26775-LB Seq: 41 10:25:32 13 Aug 2004 HG

Hg -.016 ppb .000 -.016

*** Sample ID: MP26775-B1 Seq: 42 10:26:59 13 Aug 2004 HG

97% Hg 1.94 ppb .000 1.94

*** Sample ID: MP26775-S1 Seq: 43 10:28:18 13 Aug 2004 HG

96.5% Hg 1.93 ppb .000 1.93

*** Check Standard: 2 Ck2CCV Seq: 44 10:29:48 13 Aug 2004 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		96.6	2.42	2.50	ppb	.000

*** Check Standard: 1 Ck1CCB Seq: 45 10:31:06 13 Aug 2004 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.049	.200	ppb	.000

*** Sample ID: MP26775-S2 Seq: 46 10:32:22 13 Aug 2004 HG

97% Hg 1.94 ppb .000 1.94

*** Sample ID: N74476-1 Seq: 47 10:33:52 13 Aug 2004 HG

A

Hg -.030 ppb .000 -.030

2024

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: N74476-2 Seq: 48 10:36:13 13 Aug 2004 HG

Hg -.023 ppb .000 -.023

*** Sample ID: N74476-3 Seq: 49 10:37:43 13 Aug 2004 HG

Hg -.080 ppb .000 -.080

*** Sample ID: N74476-4 Seq: 50 10:39:11 13 Aug 2004 HG

Hg -.014 ppb .000 -.014

*** Sample ID: N74476-5 Seq: 51 10:40:59 13 Aug 2004 HG

Hg .034 ppb .000 .034

*** Sample ID: MP26731-MB Seq: 52 10:42:18 13 Aug 2004 HG

Hg -.010 ppb .000 -.010

*** Sample ID: MP26731-LC Seq: 53 10:43:57 13 Aug 2004 HG

95% Hg 1.90 ppb .000 1.90

*** Sample ID: MP26731-LB Seq: 54 10:45:18 13 Aug 2004 HG

Hg -.051 ppb .000 -.051

*** Sample ID: N74706-1 Seq: 55 10:46:35 13 Aug 2004 HG

Hg .021 ppb .000 .021

*** Check Standard: 2 Ck2CCV Seq: 56 10:49:48 13 Aug 2004 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		95.9	2.40	2.50	ppb	.000

*** Check Standard: 1 Ck1CCB Seq: 57 10:51:35 13 Aug 2004 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.014	.200	ppb	.000

*** Sample ID: CRA Seq: 58 10:53:10 13 Aug 2004 HG

>1% Hg .142 ppb .000 .142

*** Check Standard: 2 Ck2CCV Seq: 59 10:54:48 13 Aug 2004 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		95.4	2.38	2.50	ppb	.000

11:17:13 13 Aug 2004 Protocol: HGPPB

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 1 Ck1CCB Seq: 60 10:56:03 13 Aug 2004 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.029	.200	ppb	.000

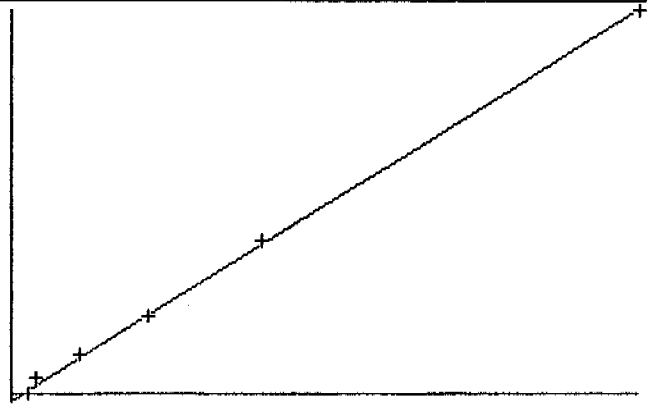
```
RunProt: HGPPB      Hg analysis in the ppb range
RunFold: H10813W1 Seq: 61   Batch:
                  Prnt: R/T On                        Pump: On
                  Rev: 4.2    11:17:17 13 Aug 2004 Xmit: Off Gas:     0.70 LPM
State: Idle                                           User: ACCUTEST    A/S: On
```

CALIBRATION: Line proto: HGPPB

	Hg Conc.	Calc.	Dev.	Accepted ->linear	
S1	.000	.069	.069	Quadratic	
S2	.200	.124	-.076	Wtdlinear	
S3	.500	.490	-.010		C
S4	1.00	1.05	.050	Accept	o
S5	2.00	1.96	-.040		n
S6	5.00	5.01	.007		c

A .0000000 r .999586

B 1.27226e-5 C -8.51505e-2



Relative Absorbance

	Mean			
S1	12107	0	SD	12107
S2	16473	0	%RSD	16473
S3	45184	0	%RSD	45184
S4	89191	0	%RSD	89191
S5	160774	0	%RSD	160774
S6	400251	0	%RSD	400251

For help on <hotkey> press Shift <hotkey>

ACCUTEST

Reagent Information Log- Hg Waters

MA # 14280

Reagents	Exp. Date	Reagent # or manufacturer lot #
Conc. Sulfuric Acid	8/06	Omnitrace 44135
Conc. Nitric Acid	8/06	Baker A5023
Sodium Chloride-Hydroxylamine Hydrochloride	2/12/05	GN-49-06 -HGHCl
Potassium Permanganate 5%	2/12/05	GN-49-04 -HGKm
Potassium Persulfate	2/12/05	GN-49-05 -HGKS
Stannous Chloride	8/14/04	GN-47-179 -HGS
STD Hg standard solution 1000 ppm	01/06	Absolute Grade 011503
STD Hg standard solution 40 ppb	8/13/04	GN-49-01 -HGA3
STD Hg standard solution 4 ppb	8/13/04	GN-49-02 -HGA4
ICV/CCV Hg standard solution 1000 ppm	11/05	Ultra 1H-1173
ICV/CCV Hg standard solution 20 ppb	8/13/04	GN-49-03 -HGB3

Form: GN-087 1-36A
Rev. Date: 02/13/2003

(4)

ACCUTEST

Aqueous Digestion Log MP Batch ID: MP26767

ICP/ICP-MS DIGESTION METHOD: SW846 3010A/EPA 200.7/CLP SOW

Heating Method (circle one): Digestion Block / Hot Plates

Method Blank ID: 26767		Prep Date: 8/12/04	
Lab Control/Spike Blank ID:	Start Time: 10:00	Start Temp: 92°	
Lab Control Source: QC19			
	End Time: 16:00	End Temp: 92°	
DUP 1 Sample ID:	Acceptable temperature Ranges:		
DUP 2 Sample ID:	EPA 200.7	90 to 95 deg. C	
MS 1 Sample ID: N746446-2	SW846 3010A, 3020A, 3050B	90 to 95 deg. C	
MS 2 Sample ID: N746446-2	CLP SOW	92 to 95 deg. C	

Sample ID	pH<2 Y / N	Initial Sample Volume	Final Volume in ML	Acids Used	Spikes	Comments
MP26767-MB 1		50mL	50mL	3mL		
MP26767-LC 1				conc HNO_3		
~~MP D~~ Julie 8/12/04				5mL		
MP26767-S 1	Y			1:1 HCl	0.5mL SP	
MP26767-S 2					0.5mL Min O	
MP26767-SD 1						
1 N746446-1						
2 N746446-2						
3 N746446-3						
4 N746446-4						
5 N746446-5						
6 N746446-6						
7 N746446-8						
8 N746446-9						
9 N746446-10						
10 N746446-11						
11 N746446-1F						
12 N746446-2F						
13 N746446-3F						
14 N746446-4F						
15 N746446-5F						
16 N746446-6F						
17 N746446-8F						
18 N746446-9F						
19 N746446-10F						
20 N746446-11F						

Analyst: Julie M. Hong

QC Reviewer: 8/12/04

Julie 8/12/04

Form AA-018A
Rev. Date: 04/24/02

2029

ACCUTEST.

Digestion Reagents Information Log

Digestion Batch ID: MP26767

Matrix: Aq

Standard/Reagent Type	~~exp~~	Standard/Reagent ID	Ex
Spiking Solution - Reg. Spike	2/05	MP-010-196 -SP	
Spiking Solution - Min. Spike	10/04	MP-010-193 -MIN	①
Spiking Solution - Odd Spike			
Spiking Solution - Other			
Nitric Acid		MP-02-1721 -HNO3	
Hydrochloric Acid		MP-02-1722 -HCl	
Hydrogen Peroxide			
Lab Control	10/04	MP-03-191 -LCS	
Spike Blank			

Form: AA-014
Rev. Date: 2/23/99

ACCUTEST

Aqueous Digestion Log MP Batch ID: MP26768

ICP/ICP-MS DIGESTION METHOD: SW846 3010A / EPA 200.7/CLP SOW

Heating Method (circle one): Digestion Block / Hot Plates

Method Blank ID: 26768	Prep Date: 8/12/04
Lab Control/Spike Blank ID:	Start Time: 10:00 Start Temp: 92°
Lab Control Source: QC 19	
	End Time: 16:00 End Temp: 92°
DUP 1 Sample ID:	Acceptable temperature Ranges:
DUP 2 Sample ID:	EPA 200.7 — 90 to 95 deg. C
MS 1 Sample ID: N74646-12	SW846 3010A, 3020A, 3050B — 90 to 95 deg. C
MS 2 Sample ID: N74646-12	CLP SOW — 92 to 95 deg. C

Sample ID	pH<2 Y / N	Initial Sample Volume	Final Volume in ML	Acids Used	Spikes	Comments
MP 26768 -MB 1		50mL	50mL	3mL		
MP 26768 -LC 1				conc HNO_3 5mL		
~~MP -D~~	Julie 8/12/04					
MP 26768 -S 1	Y			1:1 HCl	0.5mL SP	
MP 26768 -S 2					0.5mL MinQ	
MP 26768 -SD 1						
1 N74646-12						
2 N74646-13						
3 N74646-12F						
4 N74646-13F						
5 N74828-1						
6 N74828-2						
7 N74828-3						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

Analyst: Julie Huttong QC Reviewer: [signature] 8/12/04 Julie 8/12/04

Form AA-018A
Rev. Date: 04/24/02

ACCUTEST.

Digestion Reagents Information Log

Digestion Batch ID: MP26768

Matrix: Aq

Standard/Reagent Type	exp	Standard/Reagent ID	Ex
Spiking Solution - Reg. Spike	2/05	MP-010-196-SP	
Spiking Solution - Min. Spike	10/04	MP-010-193-MIN	
Spiking Solution - Odd Spike			
Spiking Solution - Other			
Nitric Acid		MP-01-1721-HNO3	
Hydrochloric Acid		MP-01-1722-HCl	
Hydrogen Peroxide			
Lab Control	10/04	MP-01-191-LCS	
Spike Blank			

Form: AA-014
Rev. Date: 2/23/99

ACCUTEST

Mercury Digestion Log

Product: ~~HG~~ / EHG / HGCLP
Matrix: AQ LIQ

MA Batch: 14274
Analyst: WJ
Date: 8/11/04

Methods (Circle as appropriate):
EPA 245.1 (WW)
SW846 7470A
EPA 245.1 CLP-M

Reagents:

Type of Digestion:
Hot Block Start time: 5:00 Temp: 95 End time: 7:00 Temp: 95
Water Bath Start time: Temp: End time: Temp:
Autoclave Start time: End time: Temp/Pressure:

Bottle #	Sample ID	pH<2 Y/N	Initial Sample Volume in ml	Final Sample Volume in ml	Amount Spiked (ml)	Spikelot and Conc. (mg/l)	MP Number	Comments
1	ICV		40	40	6.0	0.02		
2	ICB							
	CCV				5.0	0.02		
	CCB							
3	CRA				2.0	0.004		
4	mp26762 - mp,						26762	
5	- LC,				2.0	0.04		
6	- S,	Y						N74362-1
7	- Sd							
8	N74362 - 1							clear, colorless.
9	N74363 - 1							
10	mp26763 - mp,				~~2.0~~	~~0.04~~	26763	
11	- LC,				2.0	0.04		
12	- S,	Y						N74646-1
	CCV				5.0	0.02		
	CCB							
13	- Sd	Y			2.0	0.04		N74646-1
14	N74646 - 1							clear, colorless.
15	- 2							
16	- 3							
17	- 4							
18	- 5							
19	- 6							
20	- 1F							
21	- 2F							
22	- 3F							
	CCV				5.0	0.02		
	CCB							
23	N74646 - 4F	Y						
24	- 5F							
25	- 6F							
26	N74629 - 1Q							
27	N73786 - 9							
28	N74426 - 1							
29	- 2							
30	N74624 - 1							
31	- 2							
	CCV				5.0	0.02		
	CCB							

EPA

SW846

Rot #1

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Analyst: Date: 8/11/04 QCReviewer: Date:

2033

Form: GN-022A
Rev. Date:8/12/03

ACCUTEST

Mercury Digestion Log

Product: HG / EHG / HGCLP
Matrix: AQ / LIQ

MA Batch: 14272
Analyst: WG
Date: 8/11/04

Methods (Circle as appropriate):
EPA 245.1 (WW)
SW846 7470A
EPA 245.1 CLP-M

Reagents:

Type of Digestion:
Hot Block Start time: 15:00 Temp: 95c End time: 17:00 Temp: 95c
Water Bath Start time:_____ Temp:_____ End time:_____ Temp:_____
Autoclave Start time:_____ End time:_____ Temp/Pressure:_____

Bottle #	Sample ID	pH<2 Y/N	Initial Sample Volume in ml	Final Sample Volume in ml	Amount Spiked (ml)	Spikelot and Conc. (mg/l)	MP Number	Comments
	CCV		40	40	5.0	0.02		
	CCB							
32	W24624 - 3	Y					26763	
33	↓ - 4	↓					↓	
34	mp26731 - mB3						26731	
35	↓ - LL3				2.0	0.04		
36	↓ - LB3							LB-8(336, 13)
37	W24324 - 1A	Y						
38	↓ - 2A							
39	W24626 - 1							
40	W24627 - 1							
41	W24149 - 6							
	CCV				5.0	0.02		
	CCB							
42	mp26764 - mB1						26764	
43	↓ - LL1				2.0	0.04		
44	↓ - LB1							LB-12(336, 13)
45	↓ - B1				2.0	0.04		
46	↓ - S1				↓	↓		W24460-5A
47	↓ - S2							W24460-5A
48	W24460 - 5A							clear & colorless.
49	mp26765 - mB1						26765	
50	↓ - LL1				2.0	0.04		
51	↓ - LB1							LB-13(336, 14)
	CCV				5.0	0.02		
	CCB							
52	mp26765 - B1				2.0	0.04		
53	↓ - S1				↓	↓		W24650-1A
54	↓ - S2							↓
55	W24650 - 1A							clear, colorless.
56	mp26766 - mB1						26766	
57	↓ - LL1				2.0	0.04		
58	↓ - LB1							LB-7(336, 7)
59	↓ - B1				2.0	0.04		
	CCV				5.0	0.02		
	CCB							

Analyst: [signature] Date: 8/11/04 QCReviewer:_____ Date:_____

2034

Form: GN-022A
Rev. Date:8/12/03

ACCUTEST

Mercury Digestion Log

Product: HG / EHG / HGCLP
Matrix: AQ LIQ

MA Batch: 142724
Analyst: [illegible]
Date: 8/11/04

Methods (Circle as appropriate):
EPA 245.1 (WW)
SW846 7470A
EPA 245.1 CLP-M

Reagents:

Type of Digestion:
Hot Block Start time: 15:00 Temp: 95c End time: 17:00 Temp: 95c
Water Bath Start time:_____ Temp:_____ End time:_____ Temp:_____
Autoclave Start time:_____ End time:_____ Temp/Pressure:_____

Bottle #	Sample ID	pH<2 Y/N	Initial Sample Volume in ml	Final Sample Volume in ml	Amount Spiked (ml)	Spikelot and Conc. (mg/l)	MP Number	Comments
	CCV		40	40	5.0	0.02		
	CCB							
60 32	mp26766 -S1				2.0	0.04	26766	N73864-1
61 33	↓ -S2							↓
62 34	N73864 -1							clear, colorless.
63 35	N73842 -1	Y						
36	CRA				2.0	0.004		
37								
38								
39								
40								
41								
	CCV				5.0	0.02		
	CCB							
42								
43								
44								
45								
46								
47								
48								
49								
50								
51								
	CCV				5.0	0.02		
	CCB							
52								
53								
54								
55								
56								
57								
58								
59								
	CCV				5.0	0.02		
	CCB							

Analyst: [illegible] Date: 8/11/04 QCReviewer:_____ Date:_____

2035

Form: GN-022A
Rev. Date:8/12/03

ACCUTEST.

Mercury Digestion Log

Product: HG / EHG / HGCLP
Matrix: AQ LIQ

MA Batch: 1402L
Analyst: WG
Date: 8/4/04

Methods (Circle as appropriate):
EPA 245.1 (WW)
SW846 7470A
EPA 245.1 CLP-M

Reagents:

Type of Digestion:
Hot Block Start time: 15:00 Temp: 95 End time: 17:00 Temp: 95
Water Bath Start time:_____ Temp:_____ End time:_____ Temp:_____
Autoclave Start time:_____ End time:_____ Temp/Pressure:_____

Bottle #	Sample ID	Initial Sample Volume in ml	Final Sample Volume in ml	Amount Spiked	Spikelot and Conc. (mg/l)	MP Number	Comments
	Calibration Blank	40	40				WG 8/4/04
	0.20 ug/l standard			2.00 ml	0.004		GN-46-~~124~~-214-PgA4
	0.50 ug/l standard			5.00 ml	0.004		
	1.00 ug/l standard			1.00 ml	0.04		GN-46-213-PgA3
	2.00 ug/l standard			2.00 ml	0.04		
	5.00 ug/l standard			5.00 ml	0.04		

Analyst: [signature] Date: 8/4/04 QCReviewer:_____ Date:_____

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Form: GN-022A

ACCUTEST

Mercury Digestion Log

Product: HG / EHG / HGCLP
Matrix: AQ / LIQ

MA Batch: 14280
Analyst: Wg
Date: 8/12/04

Methods (Circle as appropriate):
EPA 245.1 (WW)
SW846 7470A
EPA 245.1 CLP-M

Reagents:

Type of Digestion:
Hot Block Start time: 15:15 Temp: 95 End time: 17:15 Temp: 95
Water Bath Start time: ____ Temp: ____ End time: ____ Temp: ____
Autoclave Start time: ____ End time: ____ Temp/Pressure: ____

Bottle #	Sample ID	pH<2 Y/N	Initial Sample Volume in ml	Final Sample Volume in ml	Amount Spiked (ml)	Spikelot and Conc. (mg/l)	MP Number	Comments
1	ICV		40	40	6.0	0.02		
2	ICB							
	CCV				5.0	0.02		
	CCB							
3	CRA				2.0	0.004		
4	mp267274 mb1						267274	
5	-LL1				2.0	0.04		
6	-S1	Y						w24646-8
7	-S2							
8	w24646-8							Clear, colorless.
9	-9							
10	-10							
11	-11							
12	-12							
	CCV				5.0	0.02		
	CCB							
13	w24646-13	Y						
14	-8F							
15	-9F							
16	-10F							
17	-11F							
18	-12F							
19	-13F							
20	w24828-1							
21	w24213-1							
22	-2							
	CCV				5.0	0.02		
	CCB							
23	w24213-3	Y						
24	-4							
25	-5							
26	-6							
27	-7							
28	mp267275-mb1						267275	
29	-LL1							
30	-LB1							CB-14(316,15)
31	-B1							
	CCV				5.0	0.02		
	CCB							

Bot #

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Analyst: [signature] Date: 8/12/04 QCReviewer: ____ Date: ____

2037

Form: GN-022A
Rev. Date:8/12/03

ACCUTEST

Mercury Digestion Log

Product: HG / EHG / HGCLP
Matrix: AQ LIQ

MA Batch: 14280
Analyst: WJ
Date: 8/12/14

Methods (Circle as appropriate):
EPA 245.1 (WW)
SW846 7470A
EPA 245.1 CLP-M

Reagents:

Type of Digestion:
Hot Block Start time: 15:15 Temp: 95 End time: 17:15 Temp: 95°C
Water Bath Start time:_____ Temp:_____ End time:_____ Temp:_____
Autoclave Start time:_____ End time:_____ Temp/Pressure:_____

Bottle #	Sample ID	pH<2 Y/N	Initial Sample Volume in ml	Final Sample Volume in ml	Amount Spiked (ml)	Spikelot and Conc. (mg/l)	MP Number	Comments
	CCV		40	40	5.0	0.02	26725	
	CCB							
32	mp26725 - S1				2.0	0.04		24476-1
33	- S2							
34	24476 - 1							clear, colorless.
35	- 2	Y						
36	- 3							
37	- 4							
38	- 5							
39	mp26731 - mpSM						26731	
40	- LLM				2.0	0.04		
41	- CB34							CB-8(336.15)
	CCV				5.0	0.02		
	CCB							
42	24706 - 1							
43	CRA							
44								
45								
46								
47								
48								
49								
50								
51								
	CCV				5.0	0.02		
	CCB							
52								
53								
54								
55								
56								
57								
58								
59								
	CCV				5.0	0.02		
	CCB							

Analyst: [signature] Date: 8/12/14 QCReviewer:_____ Date:_____

2038

Form: GN-022A
Rev. Date:8/12/03

ACCUTEST

Mercury Digestion Log

Product: HG / EHG / HGCLP
Matrix: AQ LIQ

MA Batch: 142080
Analyst: WJ
Date: 8/12/04

Methods (Circle as appropriate):
EPA 245.1 (WW)
SW846 7470A
EPA 245.1 CLP-M

Reagents:

Type of Digestion:
Hot Block Start time: 15:15 Temp: 95C End time: 17:15 Temp: 95C
Water Bath Start time:_____ Temp:_____ End time:_____ Temp:_____
Autoclave Start time:_____ End time:_____ Temp/Pressure:_____

Bottle #	Sample ID	Initial Sample Volume in ml	Final Sample Volume in ml	Amount Spiked	Spikelot and Conc. (mg/l)	MP Number	Comments
	Calibration Blank	40	40				
	0.20 ug/l standard			2.00 ml	0.004		GN-49-02-HgA2
	0.50 ug/l standard			5.00 ml	0.004		
	1.00 ug/l standard			1.00 ml	0.04		GN-49-01-HgA1
	2.00 ug/l standard			2.00 ml	0.04		
	5.00 ug/l standard			5.00 ml	0.04		

Analyst: [signature] Date: 8/12/04 QCReviewer:_____ Date:_____

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Form: GN-022A

GEN CHEM

2040

ACCUTEST

General Chemistry Case Narrative/Conformance/Non-Conformance Summary

	NO	YES
1. Blank levels below reporting limits?		✓
If no, list analytes above reporting limits:		
2. Spike blank or lab control data within acceptable limits?		✓
If no, list analytes outside of acceptable limits. Refer to QC summary for additional comments:		
3. Matrix Spike data within acceptable limits?		✓
If no, list analytes outside of acceptable limits. Refer to QC summary for additional comments:		
4. Matrix duplicate data within acceptable limits?		✓
If no, list analytes outside of acceptable limits. Refer to QC summary for additional comments:		
5. Samples prepared and analyzed within holding time?		✓
If holding times were not met, list analytes where holding times were exceeded and explain:		
6. All analytical criteria met (calibrations, CCV checks, etc.)?		✓
If no, list affected samples and elements:		

Additional Comments:

QC Review Signature: Mary Hum Date: 8/26/04

3041

Form: RG07
Rev. Date: 2/10/00

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: N74646
Account: ENSRMAA - ENSR Consulting & Engineering
Project: Former Camp Butner, NC

Analyte	Batch ID	RL	MB Result	Units	BSP %Recov	QC Limits
Cyanide	GP24681/GN70630	0.010	<0.010	mg/l	97.6	90-110%
Cyanide	GP24681/GN70630				100.0	90-110%
Cyanide	GP24681/GN70630				98.8	90-110%

Associated Samples:
Batch GP24681: N74646-1, N74646-10, N74646-11, N74646-12, N74646-13, N74646-2, N74646-3, N74646-4, N74646-5, N74646-6, N74646-8, N74646-9

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: N74646
Account: ENSRMAA - ENSR Consulting & Engineering
Project: Former Camp Butner, NC

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Cyanide	GP24681/GN70630	N74646-12	mg/l	<0.0010	0.0944	0.073	77.3	48-121%

Associated Samples:
Batch GP24681: N74646-1, N74646-10, N74646-11, N74646-12, N74646-13, N74646-2, N74646-3, N74646-4, N74646-5, N74646-6, N74646-8, N74646-9

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: N74646
Account: ENSRMAA - ENSR Consulting & Engineering
Project: Former Camp Butner, NC

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Cyanide	GP24681/GN70630	N74646-12	mg/l	<0.0010	<0.0010	0.0	0-10%

Associated Samples:
Batch GP24681: N74646-1, N74646-10, N74646-11, N74646-12, N74646-13, N74646-2, N74646-3, N74646-4, N74646-5, N74646-6, N74646-8, N74646-9

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-658-LAKEVIEWDR		
Lab Sample ID:	N74646-1	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
		Percent Solids:	n/a
Project:	Former Camp Butner, NC		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	<0.010	0.010	mg/l	1	08/16/04 09:44	JH	SW846 9012A

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-653-LAKEVIEWDR		
Lab Sample ID:	N74646-2	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
		Percent Solids:	n/a
Project:	Former Camp Butner, NC		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	<0.010	0.010	mg/l	1	08/16/04 09:45	JH	SW846 9012A

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-652-LAKEVIEWDR		
Lab Sample ID:	N74646-3	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
		Percent Solids:	n/a
Project:	Former Camp Butner, NC		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	<0.010	0.010	mg/l	1	08/16/04 09:46	JH	SW846 9012A

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	RWB0804-3536-FLETCHERSWAY		
Lab Sample ID:	N74646-4	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
		Percent Solids:	n/a
Project:	Former Camp Butner, NC		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	<0.010	0.010	mg/l	1	08/16/04 09:47	JH	SW846 9012A

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-NCNG		
Lab Sample ID:	N74646-5	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
		Percent Solids:	n/a
Project:	Former Camp Butner, NC		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	<0.010	0.010	mg/l	1	08/16/04 09:50	JH	SW846 9012A

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-FIELDDUP1		
Lab Sample ID:	N74646-6	**Date Sampled:**	08/09/04
Matrix:	AQ - Ground Water	**Date Received:**	08/10/04
		Percent Solids:	n/a
Project:	Former Camp Butner, NC		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	<0.010	0.010	mg/l	1	08/16/04 09:51	JH	SW846 9012A

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-CAMPBARHAM		
Lab Sample ID:	N74646-8	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
		Percent Solids:	n/a
Project:	Former Camp Butner, NC		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	<0.010	0.010	mg/l	1	08/16/04 09:52	JH	SW846 9012A

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-4051-RANGERD		
Lab Sample ID:	N74646-9	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
		Percent Solids:	n/a
Project:	Former Camp Butner, NC		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	<0.010	0.010	mg/l	1	08/16/04 09:54	JH	SW846 9012A

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-CAMPEASON		
Lab Sample ID:	N74646-10	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
		Percent Solids:	n/a
Project:	Former Camp Butner, NC		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	<0.010	0.010	mg/l	1	08/16/04 09:55	JH	SW846 9012A

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-750-LITTLEMOUNTAIN		
Lab Sample ID:	N74646-11	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
		Percent Solids:	n/a
Project:	Former Camp Butner, NC		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	<0.010	0.010	mg/l	1	08/16/04 09:56	JH	SW846 9012A

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-191-FALCONLANE		
Lab Sample ID:	N74646-12	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
		Percent Solids:	n/a
Project:	Former Camp Butner, NC		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	<0.010	0.010	mg/l	1	08/16/04 09:57	JH	SW846 9012A

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW0804-4149-RANGERD		
Lab Sample ID:	N74646-13	**Date Sampled:**	08/10/04
Matrix:	AQ - Ground Water	**Date Received:**	08/11/04
		Percent Solids:	n/a
Project:	Former Camp Butner, NC		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	<0.010	0.010	mg/l	1	08/16/04 09:58	JH	SW846 9012A

RL = Reporting Limit

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: N74646
Account: ENSRMAA - ENSR Consulting & Engineering
Project: Former Camp Butner, NC

File ID: 0816CN3.TXT
Analyst: JH
Parameters: Cyanide

Date Analyzed: 08/16/04
Run ID: GN70630

Methods: EPA 335.3, SW846 9012A

Time	Sample Description	Dilution Factor	PS Recov	Comments
09:20	GN70630-STD1	1		STDA
09:21	GN70630-STD2	1		STDB
09:22	GN70630-STD3	1		STDC
09:23	GN70630-STD4	1		STDD
09:24	GN70630-STD5	1		STDE
09:25	GN70630-STD6	1		STDF
09:26	GN70630-STD7	1		STDG
09:27	GN70630-STD8	1		STDH
09:33	GN70630-ICV1	1		
09:34	GN70630-ICB1	1		
09:36	GN70630-CCV1	1		
09:37	GN70630-CCB1	1		
09:38	GP24681-MB1	1		
09:39	GP24681-B1	1		
09:40	GP24681-B2	1		
09:41	GP24681-ICV1	1		
09:42	GP24681-D1	1		
09:43	GP24681-S1	1		
09:44	N74646-1	1		
09:45	N74646-2	1		
09:46	N74646-3	1		
09:47	N74646-4	1		
09:48	GN70630-CCV2	1		
09:49	GN70630-CCB2	1		
09:50	N74646-5	1		
09:51	N74646-6	1		
09:52	N74646-8	1		
09:54	N74646-9	1		
09:55	N74646-10	1		
09:56	N74646-11	1		
09:57	N74646-12	1		
09:58	N74646-13	1		
09:59	GN70630-CCV3	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: N74646
Account: ENSRMAA - ENSR Consulting & Engineering
Project: Former Camp Butner, NC

File ID: 0816CN3.TXT
Analyst: JH
Parameters: Cyanide

Date Analyzed: 08/16/04
Run ID: GN70630

Methods: EPA 335.3, SW846 9012A

Time	Sample Description	Dilution Factor	PS Recov	Comments
10:00	GN70630-CCB3	1		

Refer to raw data for calibration curve and standards.

LABORATORY REVIEW SIGNATURE FORM
(To be stored with the raw data)

File ID: 0816CN3.TXT
Analyst: JH

Date Analyzed: 08/16/04
Run ID: GN70630

Methods: EPA 335.3, SW846 9012A

The following analyst(s) have reviewd this run and attest that, to the best of their knowledge, this documentation is complete and correct:

Analyst J. Heddich Date 8/16/04

Analyst: _____ Date _____

Analyst: _____ Date _____

Analyst: _____ Date _____

Analyst: _____ Date _____

Analyst: _____ Date _____

Analyst: _____ Date _____

The following supervisor or their designee has reviewed this run and attests that, to the best of their knowledge, this documentation is complete and correct:

Supervisor (or designee): [illegible] Date 8/16/04

NV 8/17/04

GN 70630

Multi-Channel Table
Type: Unknowns
Channel Range: 2 to 2 -- Cup Range: 1 to 50

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	Cyanide (mg/L)	Man Dil Factor	
1	ICV	16 Aug 2004	09:33:54	1	0.2918	1.0	TV~0.3 %R~ 97.3
2	ICB	16 Aug 2004	09:34:58	1	0.0007	1.0	
3	CCV	16 Aug 2004	09:36:02	1	0.3902	1.0	TV~0.4 %R~ 97.6
4	CCB	16 Aug 2004	09:37:06	1	0.0000	1.0	
5	GP24681-MB1	16 Aug 2004	09:38:10	1	0.0000	1.0	
6	GP24681-B1	16 Aug 2004	09:39:13	1	0.0921	1.0	TV=0.0944 %R~97.6
7	GP24681-B2	16 Aug 2004	09:40:16	1	0.4719	1.0	TV~0.472 %R~ 100.0
8	GP24681-ICV1	16 Aug 2004	09:41:20	1	0.1575	1.0	TV~0.16 %R~ 98.4
9	GP24681-D1	16 Aug 2004	09:42:23	1	0.0000	1.0	
10	GP24681-S1	16 Aug 2004	09:43:27	1	0.0726	1.0	TV~0.0944 %R~ 76.9
11	N74646-1	16 Aug 2004	09:44:30	1	0.0015	1.0	
12	N74646-2	16 Aug 2004	09:45:32	1	0.0020	1.0	
13	N74646-3	16 Aug 2004	09:46:36	1	0.0016	1.0	
14	N74646-4	16 Aug 2004	09:47:39	1	0.0000	1.0	
15	CCV	16 Aug 2004	09:48:42	1	0.3921	1.0	TV~0.4 %R~ 98.0
16	CCB	16 Aug 2004	09:49:45	1	0.0000	1.0	
17	N74646-5	16 Aug 2004	09:50:49	1	0.0015	1.0	
18	N74646-6	16 Aug 2004	09:51:54	1	0.0014	1.0	
19	N74646-8	16 Aug 2004	09:52:57	1	0.0010	1.0	
20	N74646-9	16 Aug 2004	09:54:00	1	0.0000	1.0	
21	N74646-10	16 Aug 2004	09:55:04	1	0.0019	1.0	
22	N74646-11	16 Aug 2004	09:56:07	1	0.0000	1.0	
23	N74646-12	16 Aug 2004	09:57:11	1	0.0000	1.0	
24	N74646-13	16 Aug 2004	09:58:14	1	0.0000	1.0	
25	CCV	16 Aug 2004	09:59:18	1	0.3923	1.0	TV~0.4 %R=98.1
26	CCB	16 Aug 2004	10:00:21	1	0.0000	1.0	

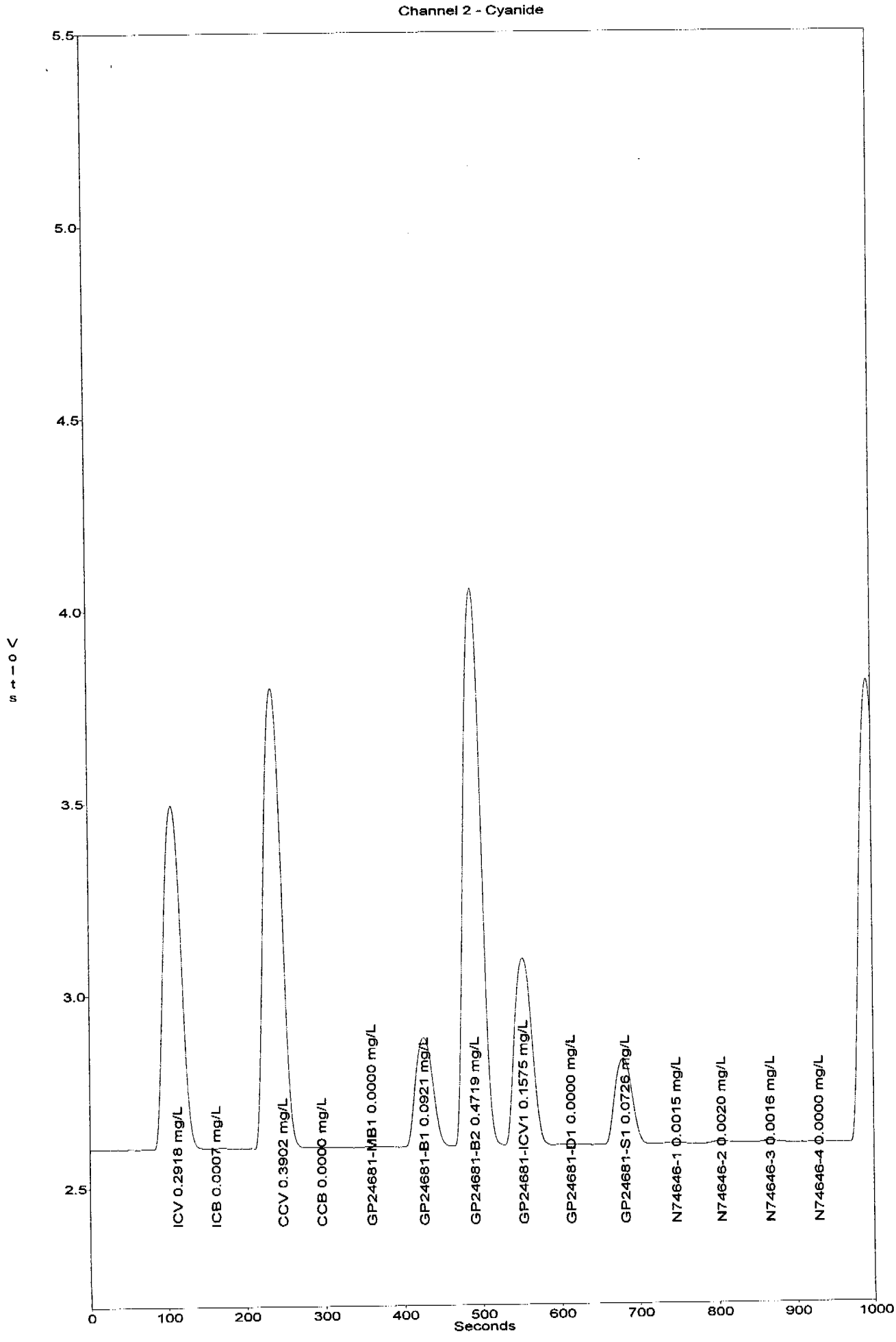
A

0816cn23
GN 70630

Creator: demo
Creation Date: Jun 24, 2004 9:47:17
Last Modified: Aug 16, 2004 9:01:57
Description: CN2

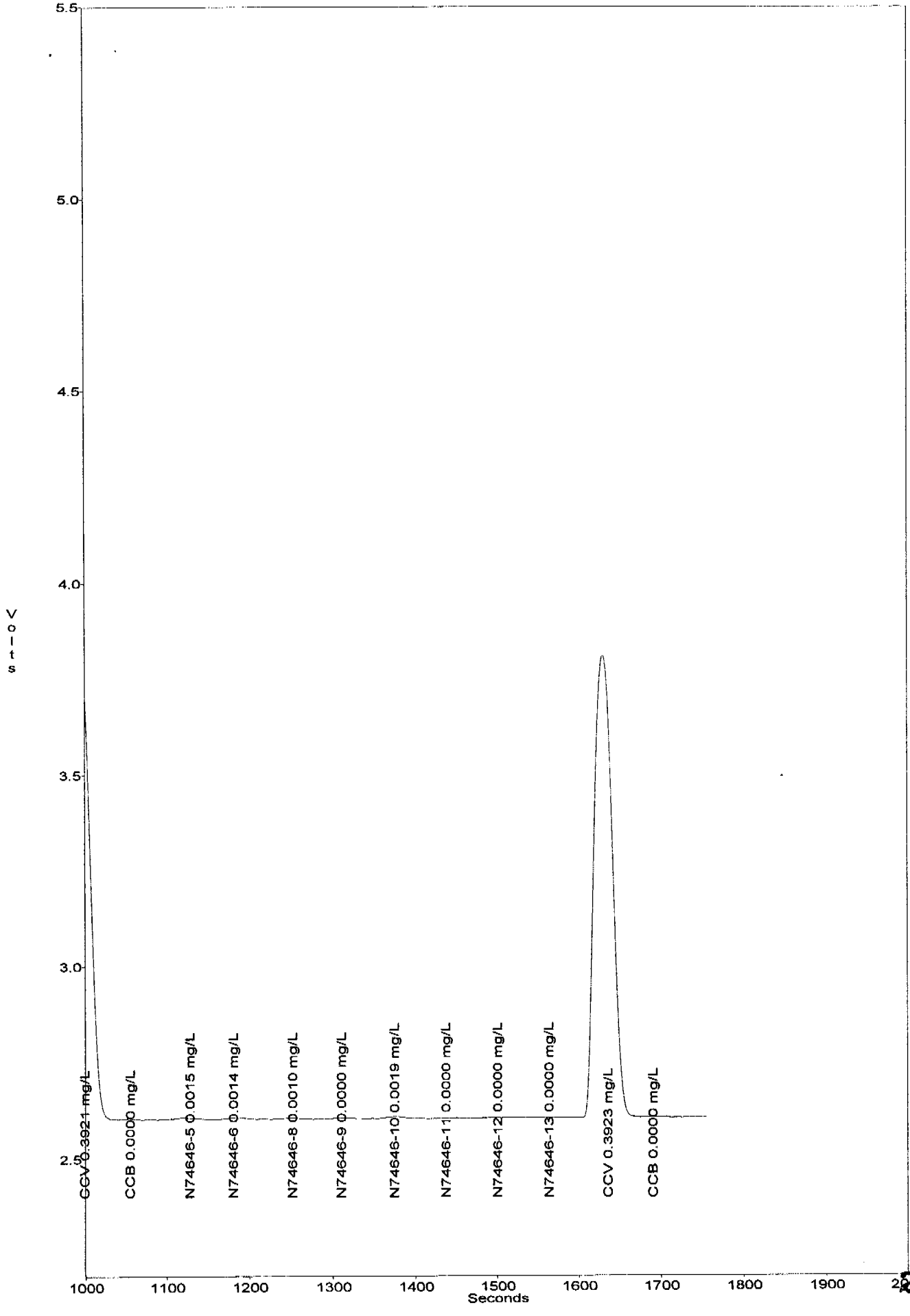
SW 846

Cup #	Sample ID	Manual Dilution	Sample Type	
1	ICV	1.0000	Unknown	
2	ICB	1.0000	Unknown	
3	CCV	1.0000	Unknown	
4	CCB	1.0000	Unknown	
5	GP24681-MB1	1.0000	Unknown	
6	GP24681-B1	1.0000	Unknown	
7	GP24681-B2	1.0000	Unknown	
8	GP24681-ICV1	1.0000	Unknown	
9	GP24681-D1	1.0000	Unknown	
10	GP24681-S1	1.0000	Unknown	
11	N74646-1	1.0000	Unknown	
12	N74646-2	1.0000	Unknown	
13	N74646-3	1.0000	Unknown	
14	N74646-4	1.0000	Unknown	
15	CCV	1.0000	Unknown	
16	CCB	1.0000	Unknown	
17	N74646-5	1.0000	Unknown	
18	N74646-6	1.0000	Unknown	
19	N74646-8	1.0000	Unknown	
20	N74646-9	1.0000	Unknown	
21	N74646-10	1.0000	Unknown	
22	N74646-11	1.0000	Unknown	
23	N74646-12	1.0000	Unknown	
24	N74646-13	1.0000	Unknown	
25	CCV	1.0000	Unknown	
26	CCB	1.0000	Unknown	


Channel 2 - Cyanide
Volts
5.5
5.0
4.5
4.0
3.5
3.0
2.5
ICV 0.2918 mg/L
ICB 0.0007 mg/L
CCV 0.3902 mg/L
CCB 0.0000 mg/L
GP24681-MB1 0.0000 mg/L
GP24681-B1 0.0921 mg/L
GP24681-B2 0.4719 mg/L
GP24681-ICV1 0.1575 mg/L
GP24681-D1 0.0000 mg/L
GP24681-S1 0.0726 mg/L
N74646-1 0.0015 mg/L
N74646-2 0.0020 mg/L
N74646-3 0.0016 mg/L
N74646-4 0.0000 mg/L
0
100
200
300
400
500
600
700
800
900
1000
Seconds

2062

Channel 2 - Cyanide

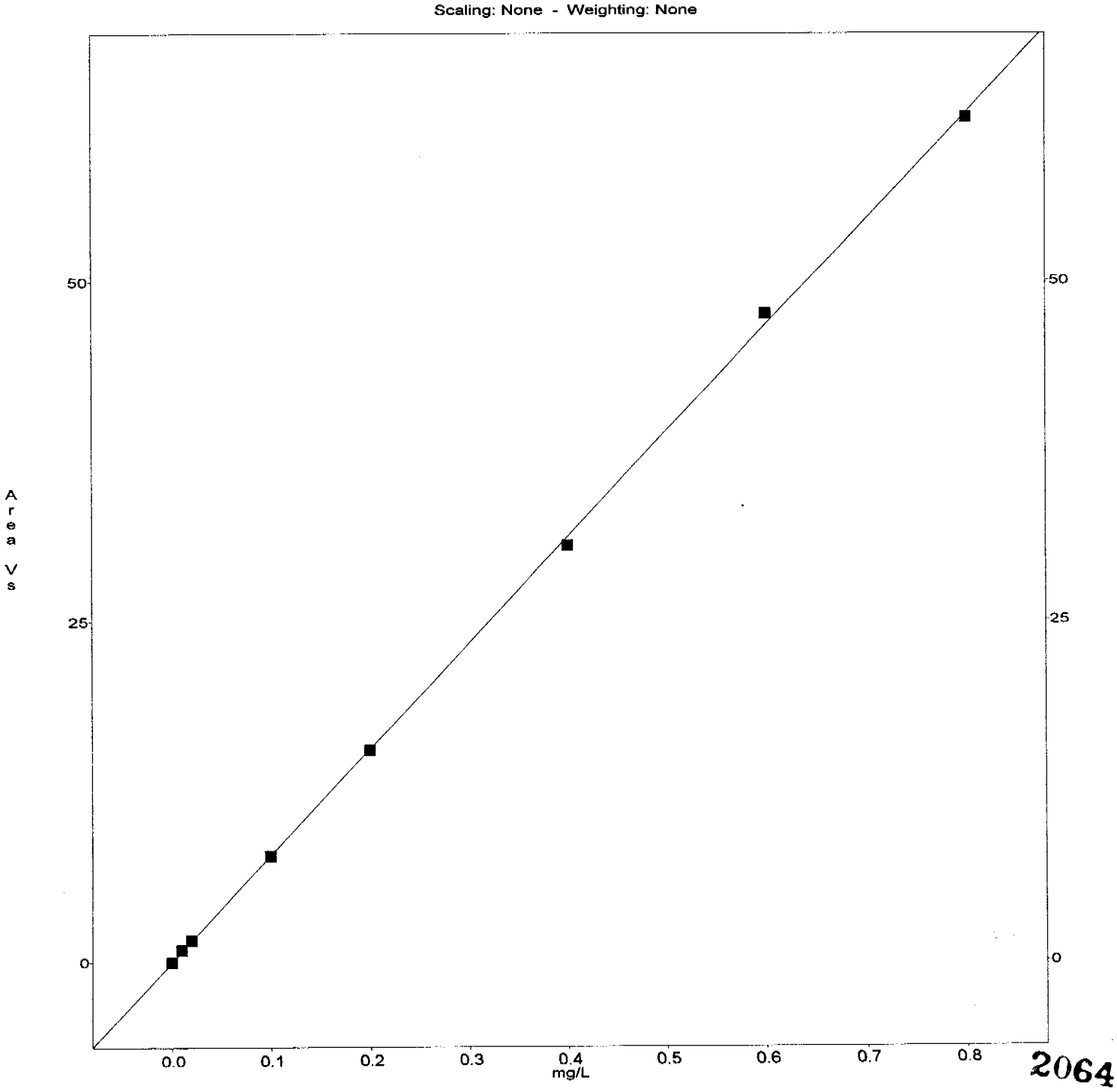


0816ch2

Cyanide

Lvl	Area	mg/L	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Replic STD	Replic % RSD	Residual 1st Poly
1	62072704	0.80	62072704					0.0	0.0	0.5
2	47646236	0.60	47646236					0.0	0.0	-1.8
3	30537550	0.40	30537550					0.0	0.0	2.1
4	15519821	0.20	15519821					0.0	0.0	0.5
5	7777690	0.10	7777690					0.0	0.0	0.2
6	1651891	0.02	1651891					0.0	0.0	-6.0
7	893235	0.01	893235					0.0	0.0	-14.8
8	0	0.00	0					0.0	0.0	

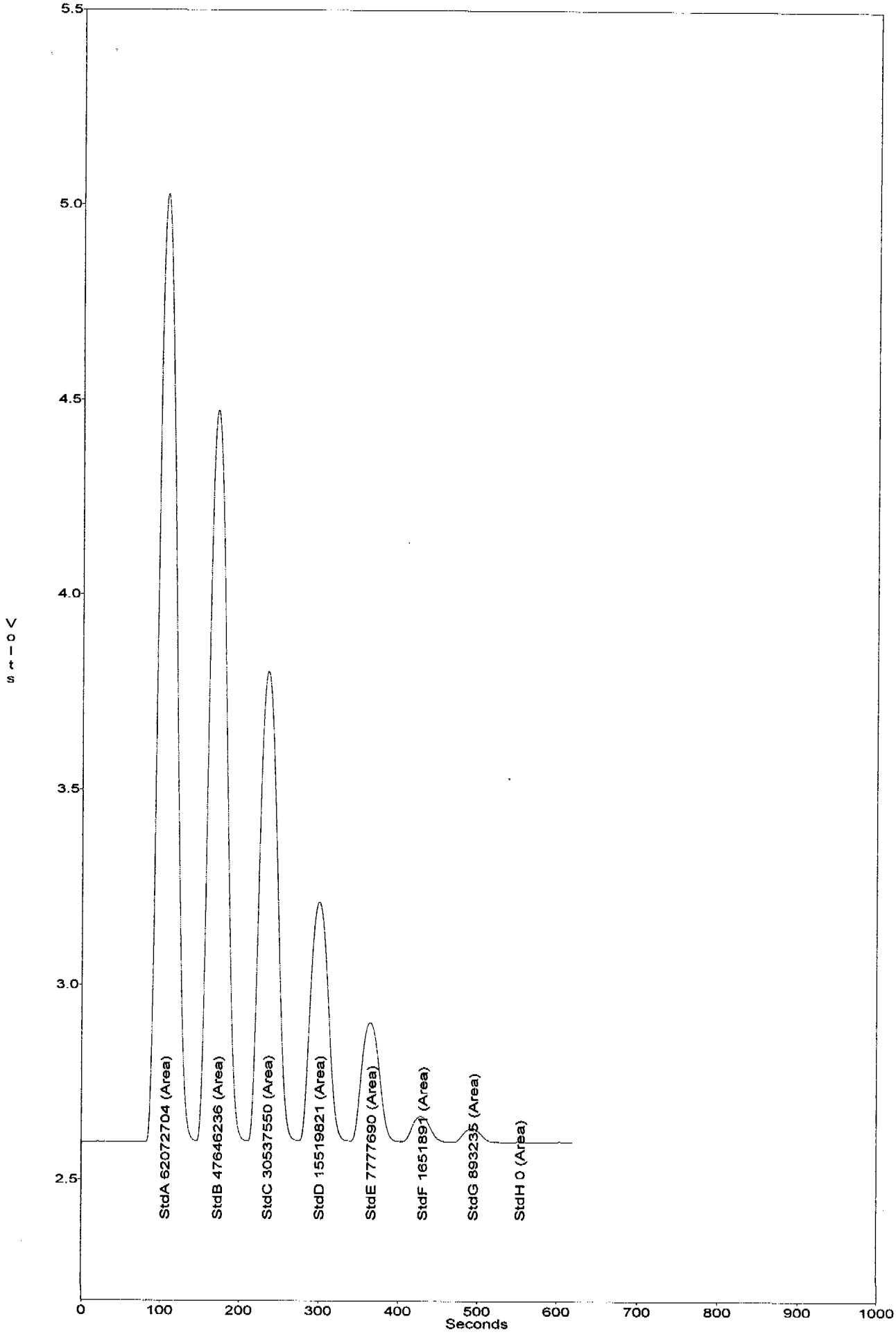
1st Order Poly
Conc = 1.282e-008 Area + 2.861e-005
r = 0.9998



2064

Printed: Monday, August 16, 2004 - 09:31 AM

Channel 2 - Cyanide



2065

ACCUTEST.

GENERAL CHEMISTRY STANDARD PREPARATION LOG

Product: CN

GN or GP Number: 70630

Intermediate Standard Description	Stock used to prepare standard	Stock concentration	Stock volume used in ml	Diluent	Final Volume	Final Conc. of Intermediate (mg/l)	Expiration Date	Analyst	Date
20mg/L CN	GN E7-6301-CN	944	2.12 ml	~~0.30N~~ 0.25M NaOH	100ml	20mg/L	1/30/05	JH	8/16/04
1mg/L CN		20mg/L	5 ml	↓	↓	1mg/L		↓	↓
Ext	GN E5-5652-CN	956	2.09 ml	~~0.30N~~ 0.25M NaOH	100ml	20mg/L	11/20/04	↓	↓

Standard Description	Intermediate or Stock used to prepare standard	Intermediate or Stock concentration	Intermediate or Stock volume used in ml	Diluent	Final Volume	Final Conc. of Standard (mg/l)	Expiration Date	Analyst	Date
0.8mg/L CN	20mg/L	20mg/L	4.0 ml	~~0.30N~~ 0.25M NaOH	100ml	0.8mg/L	8/17/04	JH	8/16/04
0.6mg/L CN	↓		3.0 ml	↓	↓	0.6mg/L	↓	↓	↓
0.4mg/L CN			2.0 ml			0.4mg/L			
0.2mg/L CN			1.0 ml			0.2mg/L			
0.1mg/L CN			0.5 ml			0.1mg/L			
0.02mg/L CN	1.0mg/L	1.0mg/L	2.0 ml			0.02mg/L			
0.01mg/L CN	↓	↓	1.0 ml			0.01mg/L			
ICV	20.0mg/L	20.0mg/L	1.5 ml	↓	↓	0.3mg/L	↓	↓	↓

Form: GN121
Rev. Date:9/14/01

9902

ACCUTEST

Reagent Information Log - CN Lachat Autoanalyzer

GN Number: 70630

Reagent	Reagent # or Manufacturer/Lot	Expiration date	Standardization Date
Calibration Source: 1000 mg/l CN stock	GNE 7-6301-CN	1/30/05	8/13/04
Calibration Checks: 1000 mg/l CN stock	↓		
External Check Source	GNE 5-5652-CN	11/20/04	8/13/04
Spiking Solution Source	GNE7-6301-CN	1/30/05	8/13/04
1.25 N Sodium Hydroxide Solution			NA
Pyridine-Bartituric Acid Reagent	GNE8-6395-CN	2/12/05	NA
Chloramine-T	GNE8-6410-CN	9/13/04	NA
Phosphate Buffer Solution, 1.0 M	GNE8-6357-CN	2/6/05	NA
~~0.25~~ 0.3 N Sodium Hydroxide Carrier Solution	GNE8-6387-CN	2/11/05	NA

Form: GN-087 1-27
Rev. Date: 3/12/04

ACCUTEST

CYANIDE DISTILLATION LOG (WATERS - MIDI DISTILLATION)

CN METHOD: EPA 335.2M/335.4

CNA METHOD: EPA 335.1

	No.	Block	GP 24681 Sample ID	pH	S^{2-}	Add (a)	Initial Volume (ml)	Final Volume (ml)	Date	GP Number (a)	Spike Amounts and Comments including Spike Lots	Analys
9		B	DUP N74646-12	12	–		50	50	9/15/04	GP -D1		MW
9		B	MS N74646-12	12	–					GP -S1	1.0 ml of ~~5.0~~ mg/l Spike ID: 4.72	
		D	SBC (1)							GP -B1	1.0 ml of ~~5.0~~ mg/l Spike ID: 4.72	
		B	SBH (2)							GP -B2	5.0 ml of ~~5.0~~ mg/l Spike ID: 4.72	
		B	MB (1)							GP -MB1		
		D	Ext (1)								50ml ext sol.	
10	1		N74646-1	12	–							
10	2		N74646-2		–							
10	3		N74646-3		–							
10	4		N74646-4		–							
10	5		N74646-5		–							
10	6		N74646-6		–							
9	7		N74646-8		–							
9	8		N74646-9		–							
9	9	B	N74646-10		–							
9	10		N74646-11		–							
9	11		N74646-12		–							
9	12		N74646-13		–						Red cloudy	

(a) Check if sulfamic acid was added.

(b) Add method blanks/spike blanks as appropriate. A minimum of one method blank/spike blank per day is required.

Reagent ID's: See attached

Comments: Spike prep 1ml of 944ppm → 200ml of 0.3N NaOH TO 4.72ppm

Ext prep: 10ml of 956ppm → 500ml of 0.3N NaOH then 4ml of prev. → 500ml of 0.3N NaOH

QC Reviewer: _____ Date: _____

Form: GN-012

Rev. Date: 10/22/01

ACCUTEST

Gp24681

Reagent Information Log - CN - Distillation

GP Numbers:

Reagent	Reagent # or Manufacturer/Lot	Expiration date	Standardization Date
Spike Solution Source	GNE7-6301-CN	1/30/05	8/13/04
Ext. Check Source	GNE5-5652-CN	11/20/04	8/13/04
Magnesium Chloride Solution	GNE7-6302-CN	1/30/05	NA
Sulfamic Acid			NA
Sulfuric Acid 18N	GNE8-6384-CN	2/11/05	NA
Sodium Hydroxide ~~1.25N/0.25N~~ 0.3N	GNE8-6392-CN	2/12/05	NA
Cadmium Carbonate, Powder			NA

Form: GN-087 1-28
Rev. Date: 3/12/04