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

ACCREDITED IN ACCORDANCE WITH nela

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

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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
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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		

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Login Number: N74646
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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	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		

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Login Number: N74646
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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	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		

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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
Analyst: ND
Parameters: Sb

Date Analyzed: 08/16/04
Run ID: MA14293

Methods: EPA 200.7, SW846 6010B

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
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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

1571

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
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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. I = 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 Dram 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

1587

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	--	--	--	--	--	--

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	--	--	--	--	--	--

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 page 1

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 page 1

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 page 1

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	--	--	--	--	--	--

Analysis Report 08/16/04 01:40:32 PM

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

1615

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	--	--	--	--	--	--

Analysis Report 08/16/04 01:55:55 PM page 1

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	--	--	--	--	--	--

Analysis Report 08/16/04 02:03:37 PM page 1

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	.98976
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	3.8096	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	--	--	--	--	--	--

Analysis Report QC Standard 08/16/04 02:11:19 PM

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

1621

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	--	--	--	--	--	--

Analysis Report QC Standard 08/16/04 02:19:00 PM page 1

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	--	--	--	--	--	--

Analysis Report 08/16/04 02:26:42 PM page 1

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

1625

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	--	--	--	--	--	--

Analysis Report 08/16/04 02:43:17 PM

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

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	--	--	--	--	--	--

Analysis Report 08/16/04 02:51:48 PM page 1

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	--	--	--	--	--	--

Analysis Report 08/16/04 02:59:24 PM page 1

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	.49236
Errors	LC Pass	LC Pass	LC Low	LC High	LC Low	NOCHECK	NOCHECK

1633

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 page 1

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	--	--	--	--	--	--

Analysis Report 08/16/04 03:15:01 PM page 1

Method: EPA3 Sample Name: ~~N75070-4~~ N75040-4 Operator:
Run Time: 08/16/04 15:07:30
Comment:
Mode: CONC Corr. Factor: 1 NN 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	.59027
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	--	--	--	--	--	--

Analysis Report 08/16/04 03:22:38 PM page 1

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

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	--	--	--	--	--	--

Analysis Report 08/16/04 03:30:14 PM page 1

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	86.980
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

1641

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	--	--	--	--	--	--

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	--	--	--	--	--	--

Analysis Report QC Standard 08/16/04 03:51:27 PM page 1

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	--	--	--	--	--	--

Analysis Report 08/16/04 03:59:10 PM

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

1647

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	--	--	--	--	--	--

Analysis Report 08/16/04 04:14:12 PM

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	--	--	--	--	--	--

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

1651

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	--	--	--	--	--	--

Analysis Report 08/16/04 04:29:35 PM page 1

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

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	--	--	--	--	--	--

Analysis Report QC Standard 08/16/04 04:55:51 PM page 1

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

657

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	--	--	--	--	--	--

Analysis Report QC Standard 08/16/04 05:11:56 PM page 1

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	--	--	--	--	--	--

Analysis Report QC Standard 08/16/04 05:19:33 PM page 1

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

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	--	--	--	--	--	--

Analysis Report QC Standard 08/16/04 05:27:09 PM page 1

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
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

1663

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

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	--	--	--	--	--	--

Analysis Report 08/16/04 05:49:27 PM page 1

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	--	--	--	--	--	--

Analysis Report 08/16/04 05:57:03 PM page 1

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

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	--	--	--	--	--	--

Analysis Report 08/16/04 06:04:39 PM page 1

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	--	--	--	--	--	--

Analysis Report 08/16/04 06:12:15 PM page 1

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

1673

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	--	--	--	--	--	--

Analysis Report 08/16/04 06:19:51 PM page 1

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 page 1

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

1077

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	--	--	--	--	--	--

Analysis Report 08/16/04 06:35:02 PM page 1

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

1679

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	--	--	--	--	--	--

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

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	--	--	--	--	--	--

Analysis Report 08/16/04 06:50:14 PM page 1

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	--	--	--	--	--	--

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	--	--	--	--	--	--

Analysis Report QC Standard 08/16/04 07:13:02 PM page 1

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	--	--	--	--	--	--

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	.00326
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	--	--	--	--	--	--

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

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	--	--	--	--	--	--

Analysis Report 08/16/04 07:35:50 PM page 1

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	--	--	--	--	--	--

Analysis Report 08/16/04 07:43:26 PM page 1

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

1697

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	--	--	--	--	--	--

Analysis Report 08/16/04 07:58:39 PM page 1

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	1.5342
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	--	--	--	--	--	--

Analysis Report 08/16/04 08:13:52 PM page 1

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

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	--	--	--	--	--	--

Analysis Report 08/16/04 08:21:27 PM page 1

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

1707

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	--	--	--	--	--	--

Analysis Report 08/16/04 08:29:03 PM page 1

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

1709

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	--	--	--	--	--	--

Analysis Report QC Standard 08/16/04 08:36:39 PM page 1

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

1711

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	-.00127
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	--	--	--	--	--	--

Analysis Report 08/16/04 08:51:50 PM page 1

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	--	--	--	--	--	--

Analysis Report 08/16/04 08:59:26 PM page 1

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	--	--	--	--	--	--

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	.50694
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 page 1

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	--	--	--	--	--	--

Analysis Report 08/16/04 09:45:03 PM page 1

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	.00065
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	--	--	--	--	--	--

Analysis Report 08/16/04 09:52:39 PM page 1

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	--	--	--	--	--	--

Analysis Report 08/16/04 10:00:16 PM page 1

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	.02057
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	--	--	--	--	--	--

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	--	--	--	--	--	--

Analysis Report QC Standard 08/16/04 10:15:31 PM page 1

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

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	--	--	--	--	--	--

Analysis Report 08/16/04 10:23:07 PM page 1

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	--	--	--	--	--	--

Analysis Report 08/16/04 10:30:43 PM page 1

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	--	--	--	--	--	--

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

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	--	--	--	--	--	--

Analysis Report 08/16/04 10:45:55 PM page 1

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

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 page 1

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	.01065
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	--	--	--	--	--	--

Analysis Report 08/16/04 11:01:07 PM page 1

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	--	--	--	--	--	--

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	.51451
Errors	LC Pass	LC Pass	LC Low	LC High	LC High	NOCHECK	NOCHECK

1751

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	--	--	--	--	--	--

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	--	--	--	--	--	--

Analysis Report 08/16/04 11:23:55 PM

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	--	--	--	--	--	--

Analysis Report 08/16/04 11:31:31 PM page 1

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

757

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	--	--	--	--	--	--

Analysis Report QC Standard 08/16/04 11:39:09 PM page 1

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	--	--	--	--	--	--

Analysis Report QC Standard 08/16/04 11:46:46 PM

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	--	--	--	--	--	--

Analysis Report 08/16/04 11:54:22 PM

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

763

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	--	--	--	--	--	--

Analysis Report 08/17/04 00:01:58 AM

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	--	--	--	--	--	--

Analysis Report 08/17/04 00:09:34 AM page 1

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

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	.00254
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	--	--	--	--	--	--

Analysis Report QC Standard 08/17/04 00:47:35 AM page 1

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

1777

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	--	--	--	--	--	--

Analysis Report QC Standard 08/17/04 00:55:12 AM

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	1.027[illegible]
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	--	--	--	--	--	--

Analysis Report QC Standard 08/17/04 01:02:50 AM page 1

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	--	--	--	--	--	--

Analysis Report QC Standard 08/17/04 01:10:27 AM page 1

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	--	--	--	--	--	--

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

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	--	--	--	--	--	--

Analysis Report 08/17/04 01:33:16 AM page 1

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	--	--	--	--	--	--

Analysis Report 08/17/04 01:40:52 AM page 1

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	--	--	--	--	--	--

Analysis Report 08/17/04 01:48:28 AM

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
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	--	--	--	--	--	--

Analysis Report 08/17/04 02:03:40 AM page 1

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
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	-.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	--	--	--	--	--	--

Analysis Report 08/17/04 02:26:28 AM page 1

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

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	--	--	--	--	--	--

Analysis Report 08/17/04 03:04:32 AM page 1

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

1813

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	--	--	--	--	--	--

Analysis Report 08/17/04 03:12:08 AM page 1

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	--	--	--	--	--	--

Analysis Report 08/17/04 03:19:45 AM

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	--	--	--	--	--	--

Analysis Report 08/17/04 03:27:22 AM page 1

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

1819

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	--	--	--	--	--	--

Analysis Report 08/17/04 03:34:58 AM

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	--	--	--	--	--	--

Analysis Report 08/17/04 03:50:11 AM page 1

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	--	--	--	--	--	--

Analysis Report 08/17/04 03:57:47 AM page 1

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	.00599
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

4827

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

829

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	--	--	--	--	--	--

Analysis Report QC Standard 08/17/04 04:13:03 AM

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

1831

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	--	--	--	--	--	--

Analysis Report 08/17/04 04:20:40 AM

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

1835

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	--	--	--	--	--	--

Analysis Report 08/17/04 04:35:52 AM page 1

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	--	--	--	--	--	--

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	.00361
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	.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	--	--	--	--	--	--

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	--	--	--	--	--	--

Analysis Report 08/17/04 04:58:41 AM

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	--	--	--	--	--	--

Analysis Report 08/17/04 05:06:18 AM page 1

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

1845

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

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	--	--	--	--	--	--

Analysis Report 08/17/04 05:21:30 AM page 1

Method: EPA3 Sample Name: ~~MP26772-LC1~~ Operator:
Run Time: 08/17/04 05:13:58
Comment:
Mode: CONC Corr. Factor: 1

MP26772-LC2
NM 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

19

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	--	--	--	--	--	--

Analysis Report 08/17/04 05:29:07 AM page 1

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	--	--	--	--	--	--

Analysis Report QC Standard 08/17/04 05:44:26 AM page 1

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	--	--	--	--	--	--

Analysis Report 08/17/04 05:52:03 AM page 1

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	--	--	--	--	--	--

Analysis Report 08/17/04 06:07:17 AM page 1

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	--	--	--	--	--	--

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	--	--	--	--	--	--

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 page 1

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 page 1

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
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	--	--	--	--	--	--

ſethod: EPA3 Sample Name: N75006-1 Operator:
ſun Time: 08/17/04 07:42:57
ſomment:
ſode: 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

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	.0421
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

1887

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	.00371
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	.00564
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	-.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	--	--	--	--	--	--

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 Operator:
Run Time: 08/17/04 08:44:23
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	-.001[illegible]
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

1901

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

1907

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

1909

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

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	--	--	--	--	--	--

ıethod: EPA3 Sample Name: CRIB Operator:
ıun Time: 08/17/04 09:52:19
ıomment:
ıode: 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	1.0216
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 Operator:
Run Time: 08/17/04 10:22:44
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 Date Analyzed: 08/17/04 Methods: EPA 200.7, SW846 6010B
Analyst: JDM Run ID: MA14303
Parameters: Al,Ca

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 Date Analyzed: 08/17/04 Methods: EPA 200.7, SW846 6010B
Analyst: JDM Run ID: MA14303
Parameters: Al,Ca

	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 McAmach 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

RDM 8/17/04

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	--	--	--	--	--	--

Analysis Report QC Standard 08/17/04 02:30:57 PM page 1

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

1949

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	--	--	--	--	--	--

Analysis Report QC Standard 08/17/04 02:38:53 PM page 1

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	--	--	--	--	--	--

Analysis Report QC Standard 08/17/04 03:21:28 PM page 1

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	1.0129
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	--	--	--	--	--	--

Analysis Report QC Standard 08/17/04 03:29:23 PM page 1

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	--	--	--	--	--	--

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	.00056
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	--	--	--	--	--	--

Analysis Report 08/17/04 04:36:11 PM page 1

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	.49161
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	--	--	--	--	--	--

Analysis Report 08/17/04 05:07:52 PM page 1

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	--	--	--	--	--	--

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	--	--	--	--	--	--

Analysis Report QC Standard 08/17/04 05:24:22 PM page 1

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	--	--	--	--	--	--

Analysis Report QC Standard 08/17/04 05:32:19 PM page 1

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	--	--	--	--	--	--

Analysis Report 08/17/04 05:40:14 PM page 1

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

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	.01336
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	--	--	--	--	--	--

Analysis Report QC Standard 08/17/04 06:29:26 PM page 1

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
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
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: [signature] 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): [signature] Date 8/12/04

[signature] 8/12/04

2007

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

Wenjie Guo 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

25.5% Hg .855 ppb .000 .855

*** Sample ID: MP26762-S2 Seq: 14 09:37:53 12 Aug 2004 HG

21.4% 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

14.5% Hg 1.89 ppb .000 1.89

*** Sample ID: MP26763-S1 Seq: 19 09:46:50 12 Aug 2004 HG

12.3% 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

13.3% 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

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

A

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

1.5%

Hg 1.83 ppb .000 1.83

*** Sample ID: N73864-1 Seq: 79 11:24:26 12 Aug 2004 HG

A

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

A

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

12.5	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

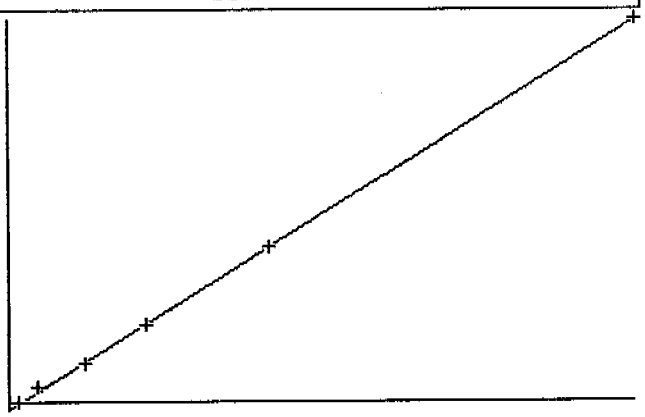
```
RunProt: HGPPB      Hg analysis in the ppb range
RunFold: h10812w1 Seq: 88   Batch:
                  Prnt: R/T On                          Pump: On
                  Rev: 4.2    11:42:43 12 Aug 2004 Xmit: Off Gas:     0.70 LPM
State: Idle                                            User: ACCUTEST     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-47-124 - 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

2020

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

0.6% 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

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

11:17:13 13 Aug 2004 Protocol: HGPPB

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

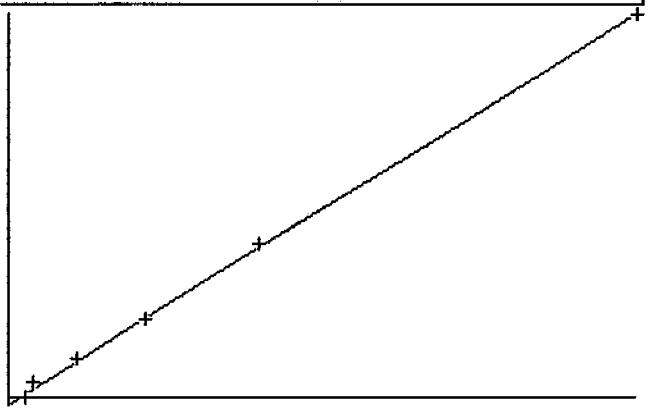
Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.029	.200	ppb	.000

```
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



	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 A25023
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

2028

(1)

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: N74646-2	SW846 3010A, 3020A, 3050B	90 to 95 deg. C	
MS 2 Sample ID: N74646-2	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 Mn ①	
MP26767-SD 1						
1 N74646-1						
2 N74646-2						
3 N74646-3						
4 N74646-4						
5 N74646-5						
6 N74646-6						
7 N74646-8						
8 N74646-9						
9 N74646-10						
10 N74646-11						
11 N74646-1F						
12 N74646-2F						
13 N74646-3F						
14 N74646-4F						
15 N74646-5F						
16 N74646-6F						
17 N74646-8F						
18 N74646-9F						
19 N74646-10F						
20 N74646-11F						

Analyst: Julie M. Hong

QC Reviewer: [signature] 8/12/04

Julie 8/12/04

2029

Form AA-018A
Rev. Date: 04/24/02

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	-HNO_3
Hydrochloric Acid		MP-02-1722	-HCl
Hydrogen Peroxide			
Lab Control	10/04	MP-05-191	-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 MIN①	
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 M. Hong 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-02-1721	-HNO_3
Hydrochloric Acid		MP-02-1722	-HCl
Hydrogen Peroxide			
Lab Control	10/04	MP-[illegible]-191	-LC
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							Rot #1
3	CRA				2.0	0.004		
4	mp26762 – mp,						26762	
5	– LC,				2.0	0.04		
6	– S,	Y			L	L		N74362-1
7	– Sd							
8	N74362 – 1							clear, colorless. 1
9	N74363 – 1							1
10	mp26763 – mp,				~~2.0~~	~~0.04~~	26763	
11	– LC,				2.0	0.04		
12	– S,	Y			L	L		N74646-1
	CCV				5.0	0.02		
	CCB							
13	– Sd	Y			2.0	0.04		N74646-1
14	N74646 – 1							clear, colorless. 7
15	– 2							
16	– 3							
17	– 4							
18	– 5							
19	– 6							
20	– 1F							8
21	– 2F							
22	– 3F							
	CCV				5.0	0.02		
	CCB							
23	N74646 – 4F	Y						8
24	– 5F							
25	– 6F							
26	N74629 – 1Q							4
27	N73786 – 9							5
28	N74426 – 1							3
29	– 2							1
30	N74624 – 1							1
31	– 2							
	CCV				5.0	0.02		
	CCB							

EPA

SW846

Analyst: Date: 8/11/04 QCReviewer: Date:

2033

Form: GN-022A
Rev. Date: 8/13/03

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	N24624 - 3	Y					26763	
33	↓ - 4	↓					↓	
34	mp26731 - mB3						26731	
35	↓ - LL3				2.0	0.04		
36	↓ - LB3							LB-8(336,13)
37	N24324 - 1A	Y						
38	↓ - 2A							
39	N24626 - 1							
40	N24627 - 1							
✓ 41	N24149 - 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				↓	↓		N24460-5A
47	- S2							N24460-5A
48	N24460 - 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				↓	↓		N24650-1A
54	- S2							
55	N24650 - 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: 142714
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							
temp 60 32	mp26766 -S1				2.0	0.04	26766	N23864-1
61 33	-S2							
62 34	N23864 -1							clear, colorless.
63 35	N24342 -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: 14274
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: 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 8/11/04
	0.20 ug/l standard			2.00 ml	0.004		GN-46-~~124~~-214-HgA4
	0.50 ug/l standard			5.00 ml	0.004		
	1.00 ug/l standard			1.00 ml	0.04		GN-46-213-HgA3
	2.00 ug/l standard			2.00 ml	0.04		
	5.00 ug/l standard			5.00 ml	0.04		

Analyst: [signature] Date: 8/11/04 QCReviewer:____ Date:____

2036

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: 952 End time: 17:15 Temp: 952
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	mp26774-mB1						26774	
5	-LL1				2.0	0.04		
6	-S1	Y						~74646-8
7	-S2							
8	~74646-8							Clear, colorless.
9	-9							
10	-10							
11	-11							
12	-12							
	CCV				5.0	0.02		
	CCB							
13	~74646-13	Y						
14	-8F							
15	-9F							
16	-10F							
17	-11F							
18	-12F							
19	-13F							
20	~74828-1							
21	~74713-1							
22	-2							
	CCV				5.0	0.02		
	CCB							
23	~74713-3	Y						
24	-4							
25	-5							
26	-6							
27	-7							
28	mp26775-mB1						26775	
29	-LL1							
30	-LB1							CB-14 (316,15)
31	-B1							
	CCV				5.0	0.02		
	CCB							

Bot #

7

8

6

1

1

1

1

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: 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: 95C 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	26775	
	CCB							
32	mp26775 - S1				2.0	0.04		~74476-1
33	- S2							
34	~74476 - 1							clear, colorless.
35	- 2	Y						
36	- 3							
37	- 4							
38	- 5							
39	mp26731 - mB4						26731	
40	- LL4				2.0	0.04		
41	- CB4							CB-8 (336.15)
	CCV				5.0	0.02		
	CCB							
42	~74706 - 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: 8/12/04 QCReviewer:_____ Date:_____

2038

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: 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-HG-02-HgA2
	0.50 ug/l standard			5.00 ml	0.004		
	1.00 ug/l standard			1.00 ml	0.04		GN-HG-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: 8/12/14 QCReviewer: Date:

2039

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): [signature] Date 8/16/04

MV 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	

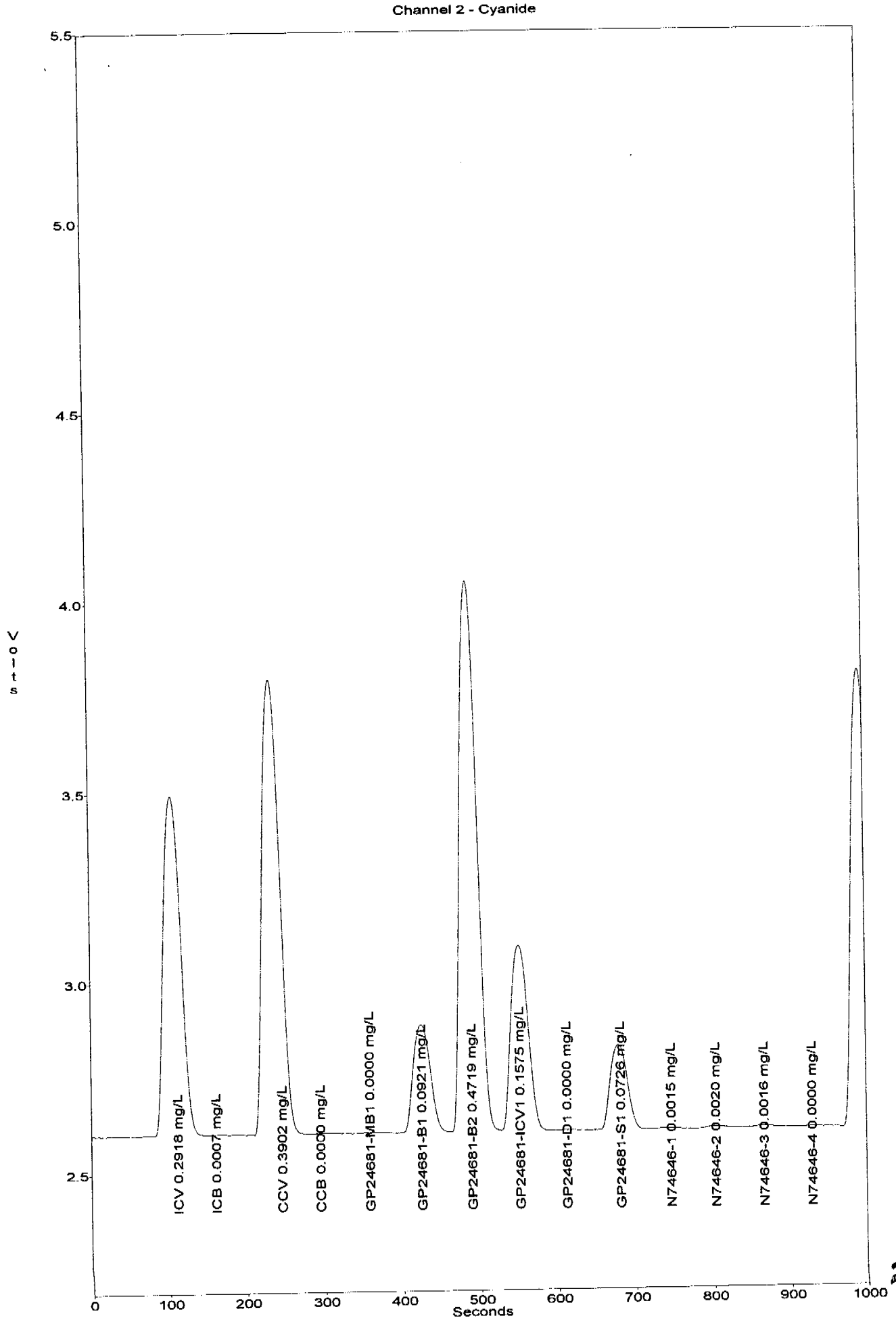
A

0816cn23
GN 70630

Creator: demo
Creation Date: Jun 24, 2004 9:47:17
Last Modified: Aug 16, 2004 9:01:57
Description: CN2

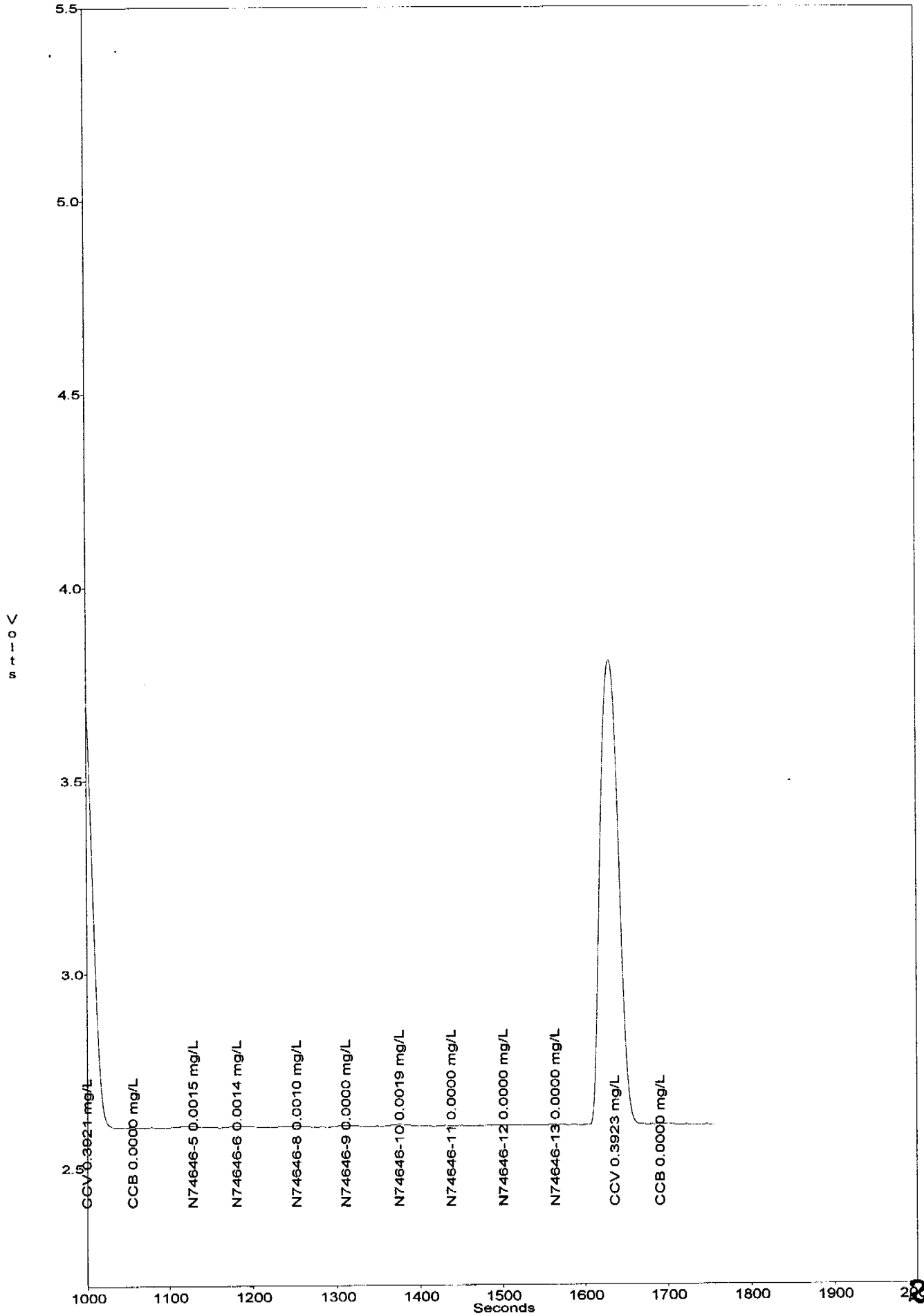
SW 846

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

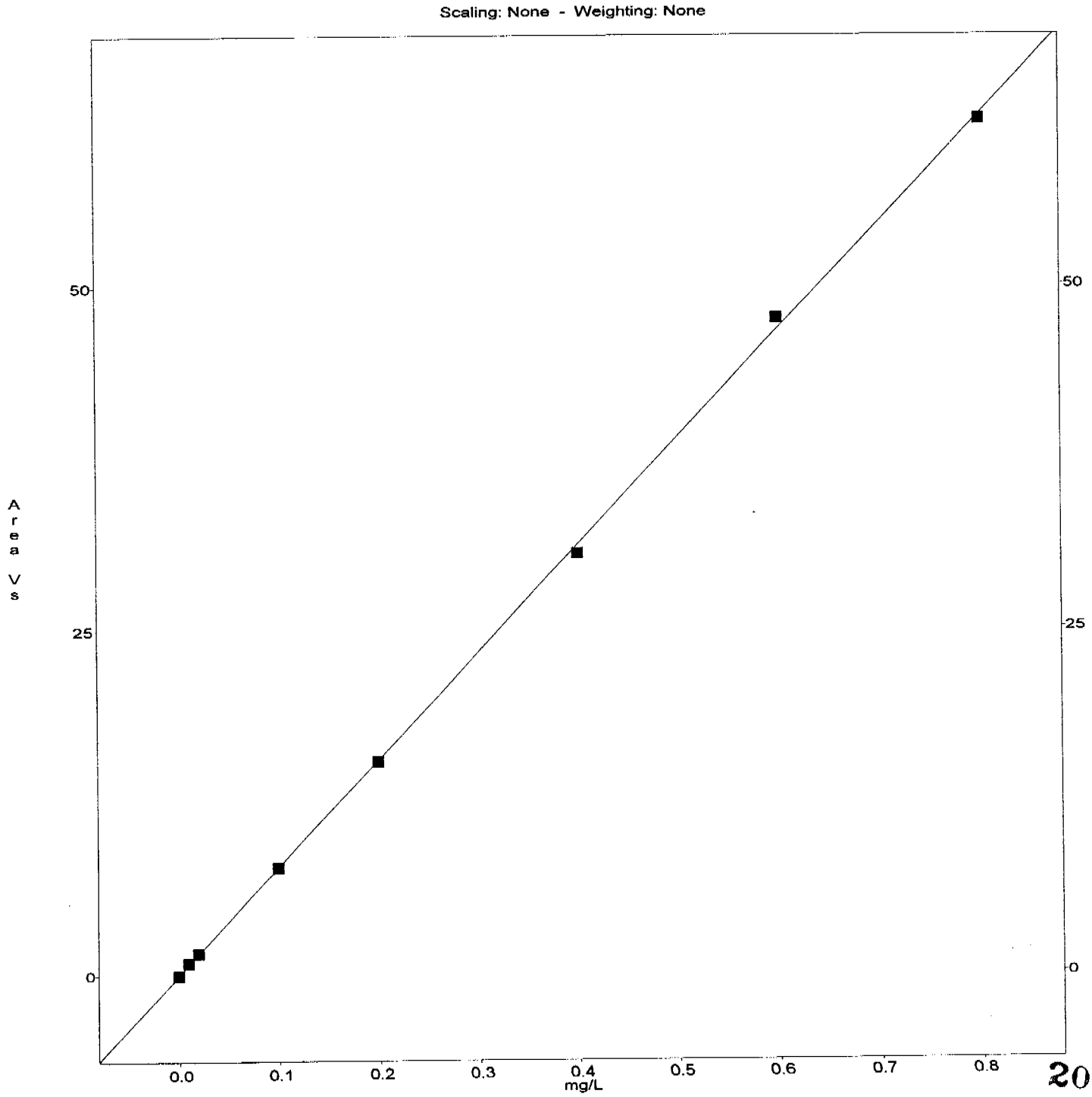


0816ch2

Cyanide

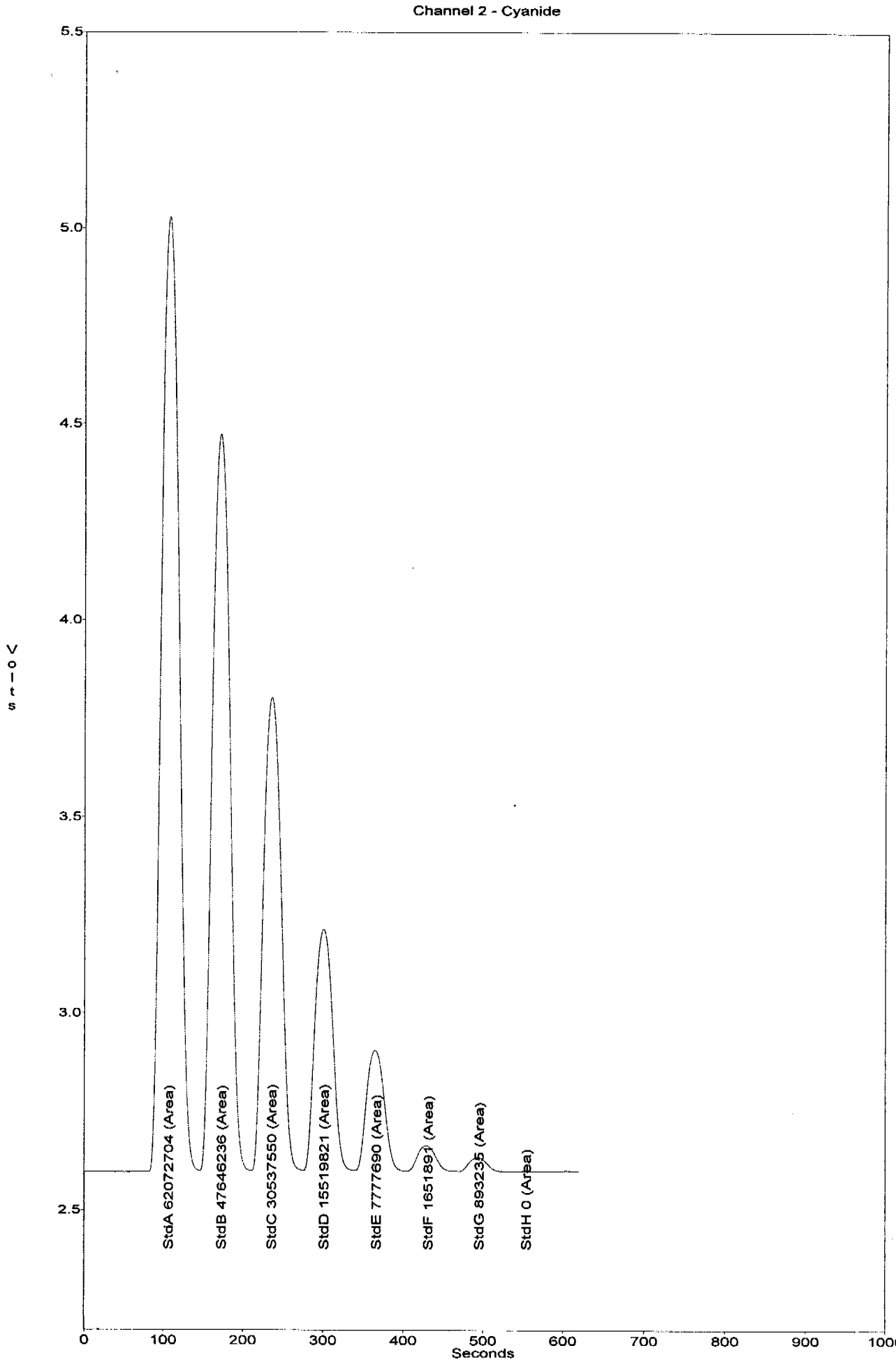
Lvl	Area	mg/L	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Replic STD	Replic % RSD	Residual 1st Poly
1	62072704	0.80	62072704					0.0	0.0	0.5
2	47646236	0.60	47646236					0.0	0.0	-1.8
3	30537550	0.40	30537550					0.0	0.0	2.1
4	15519821	0.20	15519821					0.0	0.0	0.5
5	7777690	0.10	7777690					0.0	0.0	0.2
6	1651891	0.02	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
5.5
5.0
4.5
4.0
3.5
3.0
2.5
Volts
StdA 62072704 (Area)
StdB 47646236 (Area)
StdC 30537550 (Area)
StdD 15519821 (Area)
StdE 7777690 (Area)
StdF 1651891 (Area)
StdG 893235 (Area)
StdH 0 (Area)
0
100
200
300
400
500
600
700
800
900
1000
Seconds

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	~~0.25M~~ 0.30N NaOH	100ml	20mg/L	1/30/05	JH	8/16/04
1mg/L CN		20mg/L	5 ml	↓	↓	1mg/L		↓	↓
Ext	GNE5-5652-CN	956	2.09 ml	~~0.25M~~ 0.30N 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	~~0.25M~~ 0.30N 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~~ 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)								Soil 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		–						Red cloudy	
9	12		N74646-13		–							

(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 prep into 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