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: 3 of 4

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

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

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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: X081204M1.CSV
Analyst: ND
Parameters: Be,Tl

Date Analyzed: 08/12/04
Run ID: MA14277

Methods: SW846 6020

Time	Sample Description	Dilution Factor	PS Recov	Comments
10:32	MA14277-STD1	1		STD1
10:40	MA14277-STD2	1		STD2
10:47	MA14277-STD3	1		STD3
10:55	MA14277-STD4	1		STD4
11:02	MA14277-STD5	1		STD5
11:10	MA14277-ICV1	1		
11:26	MA14277-ICB1	1		
11:34	MA14277-CCV1	1		
11:42	MA14277-CCB1	1		
11:50	MA14277-CRI1	1		
11:58	MA14277-ICSA1	1		
12:06	MA14277-ICSAB1	1		
12:15	MA14277-CCV2	1		
12:23	MA14277-CCB2	1		
12:32	MP26748-MB1	2		
12:40	MP26748-LC1	2		
12:49	MP26748-S1	2		
12:57	MP26748-S2	2		
13:06	N74426-1	2		(sample used for QC only; not part of login N74646)
13:14	MP26748-SD1	10		
13:23	ZZZZZZ	2		
13:40	MA14277-CCV3	1		
13:48	MA14277-CCB3	1		
13:57	MA14277-CCV4	1		
14:06	MA14277-CCB4	1		
14:16	MP26767-MB1	2		
14:25	N74646-2	2		
14:35	MP26767-SD1	10		
14:44	MP26767-LC1	2		
15:00	N74646-1	2		
15:08	N74646-3	2		
15:15	N74646-4	2		
15:23	N74646-5	2		

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Inorganics Analyses

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Run ID: MA14277

Methods: SW846 6020

	Time	Sample Description	Dilution Factor	PS Recov	Comments
	15:30	N74646-6	2		
	15:38	MA14277-CCV5	1		
	15:45	MA14277-CCB5	1		
	15:53	N74646-8	2		
	16:00	N74646-9	2		
	16:08	N74646-10	2		
	16:15	N74646-11	2		
	16:23	N74646-1F	2		
	16:30	N74646-2F	2		
	16:38	N74646-3F	2		
	16:45	N74646-4F	2		
	16:53	N74646-5F	2		
	17:00	MA14277-CCV6	1		
	17:08	MA14277-CCB6	1		
	17:15	N74646-6F	2		
	17:23	N74646-8F	2		
	17:30	N74646-9F	2		
	17:38	N74646-10F	2		
	17:45	N74646-11F	2		
---------->	Last reportable sample/prep for job N74646				
	17:53	MA14277-CCV7	1		
	18:00	MA14277-CCB7	1		
---------->	Last reportable CCB for job N74646				
	18:08	MP26767-S1	5		To reanalysis, internal stds were out.
	18:15	MP26767-S2	5		To reanalysis, internal stds were out.
	18:23	MP26767-S2	2		To reanalysis, internal stds were out.
	18:30	ZZZZZZ	1		
	18:34	MA14277-CCV8	1		
	18:42	MA14277-CCB8	1		

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: X081204M1.CSV
Analyst: ND
Parameters: Be,Tl

Date Analyzed: 08/12/04
Run ID: MA14277

Methods: SW846 6020

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4	Istd#5	Istd#6	Istd#7	Istd#8
10:32	MA14277-STD1	100 R	100 R	100 R	100 R	100 R	100 R	100 R	100 R
10:40	MA14277-STD2	99.73	100.95	101.01	102.19	101.69	100.39	100.34	100.4
10:47	MA14277-STD3	99.29	99.94	100.21	101.74	101.63	100.14	100.19	100.29
10:55	MA14277-STD4	97.57	98.37	99.52	101.36	101.18	100.08	100.29	100.49
11:02	MA14277-STD5	92.36	96.71	98.01	98.52	99.26	98.73	99.05	97.25
11:10	MA14277-ICV1	91.81	96.16	97.97	99.3	99.74	98.7	99.25	97.73
11:26	MA14277-ICB1	95.53	97.76	99.4	99.79	100.14	99.26	99.38	98.31
11:34	MA14277-CCV1	91.03	96.24	97.9	98.08	98.77	98.75	99.08	98.22
11:42	MA14277-CCB1	93.76	97.34	98.17	98.88	99.07	98.49	98.18	98.15
11:50	MA14277-CRI1	94.44	98.3	99.41	100.01	99.9	98.7	99.01	98.76
11:58	MA14277-ICSA1	86.57	93.66	95.28	92.57	95.8	98.21	98.84	93.44
12:06	MA14277-ICSAB1	89.06	93.41	94.83	92.9	96.04	101.11	101.8	97.1
12:15	MA14277-CCV2	90.61	96.26	97.95	99.64	99.82	103.22	103.65	104.8
12:23	MA14277-CCB2	88.66	93.92	95.28	97.28	97.37	100.38	100.79	102.05
12:32	MP26748-MB1	92.67	95.03	96.27	97.66	98.05	101.86	102.61	104.61
12:40	MP26748-LC1	92.72	95.29	96.49	97.63	97.55	101.81	102.55	103.48
12:49	MP26748-S1	97	97.06	97.19	93.87	96.97	103.52	104.63	99.77
12:57	MP26748-S2	98.88	98.99	98.09	95.11	97.51	103.63	104.44	99.23
13:06	N74426-1	99.93	97.8	97.18	94.46	96.68	102.62	103.55	98.92
13:14	MP26748-SD1	92.46	96.06	95.25	95.16	96	99.81	100.66	100.73
13:23	ZZZZZZ	97.07	97.16	97.14	92.95	94.76	100.34	101.24	97.15
13:40	MA14277-CCV3	91.48	93.97	93.61	93.81	94.36	97.85	98.22	99.61
13:48	MA14277-CCB3	91.13	92.39	92.33	92.87	92.91	96.07	96.5	98.25
13:57	MA14277-CCV4	90.76	92.47	92.51	92.25	93.29	96.92	97.22	98.28
14:06	MA14277-CCB4	92.52	94.55	93.52	93.1	93.84	97.72	98.01	99.51
14:16	MP26767-MB1	90.4	94.23	93.55	92.92	93.39	97.63	98.19	99.66
14:25	N74646-2	98.61	99.5	96.75	95.84	97.15	103.64	104.3	105.63
14:35	MP26767-SD1	91.81	95.35	94.17	93.87	94.6	100.04	100.5	103.33
14:44	MP26767-LC1	98.49	96.56	95.97	95.36	96.28	103.33	103.81	104.63
15:00	N74646-1	99.29	99.04	96.04	91.79	95.4	103.56	104.15	105.09
15:08	N74646-3	99.16	98.28	95.65	95.47	96.39	104.44	105.31	106.87
15:15	N74646-4	100.18	99.49	96.04	97.31	97.72	104.61	105.4	106.87
15:23	N74646-5	101.48	99.76	97.44	98.71	98.92	105.28	106.31	106.69
15:30	N74646-6	101.41	99.81	96.89	98.79	98.98	105.89	106.72	107.83

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INTERNAL STANDARD SUMMARY

Login Number: N74646
Account: ENSRMAA - ENSR Consulting & Engineering
Project: Former Camp Butner, NC

File ID: X081204M1.CSV
Analyst: ND
Parameters: Be,Tl

Date Analyzed: 08/12/04
Run ID: MA14277

Methods: SW846 6020

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4	Istd#5	Istd#6	Istd#7	Istd#8
15:38	MA14277-CCV5	92.7	94.09	93.11	94.68	94.84	101.09	102.31	103.17
15:45	MA14277-CCB5	93.12	95.08	93.31	95.79	95.07	101.16	101.8	103.52
15:53	N74646-8	101.01	100.08	97.2	98.75	99.13	104.86	105.71	106.48
16:00	N74646-9	100.98	100.59	97.1	98.94	99.19	104.83	105.68	106.04
16:08	N74646-10	102.65	101.41	98.01	99.77	100.31	105.73	106.5	107.36
16:15	N74646-11	104.24	101.75	98.82	99.69	100.65	106.15	106.58	106.26
16:23	N74646-1F	105.22	101.05	98.15	99.55	100.18	106.27	107.09	106.86
16:30	N74646-2F	103.3	100.86	97.94	99.45	100	106.42	106.77	107.32
16:38	N74646-3F	104.21	101.33	98.62	100.34	100.96	106.93	107.78	108.33
16:45	N74646-4F	105.37	102.21	98.82	100.95	101.01	106.9	107.56	107.79
16:53	N74646-5F	105.98	103.22	99.76	101.21	101.93	107.37	108.25	107.87
17:00	MA14277-CCV6	95.13	95.65	94.49	96.35	96.31	101.12	102.21	102.84
17:08	MA14277-CCB6	96.16	96.7	94.93	96.99	96.55	101.1	101.71	102.68
17:15	N74646-6F	102.92	102.4	98.35	99.84	100.19	105.77	106.47	107.44
17:23	N74646-8F	104.74	103.21	99.47	100.97	101.54	107.19	107.82	107.86
17:30	N74646-9F	105.1	103.83	99.73	100.76	101.37	107.3	107.95	108.34
17:38	N74646-10F	106.22	104.34	100.07	101.92	102.26	108.42	109	109.24
17:45	N74646-11F	108.09	104.23	100.94	100.99	101.91	108.39	109.05	107.66
17:53	MA14277-CCV7	96.35	96.55	95.3	97.02	96.99	102.65	103.12	103.81
18:00	MA14277-CCB7	97.8	97.31	95.73	97.68	97.09	102.11	102.57	103.81
18:08	MP26767-S1	46.3	44.4	47.49	46.97	49.27	54.36	54.81	54.4
18:15	MP26767-S2	18.87 !	20.1 !	21.48 !	21.03 !	22.46 !	25.28 !	25.64 !	25.36 !
18:23	MP26767-S2	97.84	99.5	97.73	98.6	99.33	105.33	106.21	106.55
18:30	ZZZZZZ	99.49	99.8	97.18	93.84	94.26	99.43	100.23	98.93
18:34	MA14277-CCV8	94.14	95.44	94.18	95.02	95.55	100.97	101.73	102.71
18:42	MA14277-CCB8	95.4	95.7	94.13	95.82	95.52	101.24	101.39	102.59

R = Reference for ISTD limits. ! = Outside limits.

LEGEND:

Istd#	Parameter	Limits	CCV/CCB Limits
Istd#1	Lithium	30-120 %	80-120 %
Istd#2	Scandium	30-120 %	80-120 %
Istd#3	Yttrium	30-120 %	80-120 %
Istd#4	Rhodium	30-120 %	80-120 %
Istd#5	Indium	30-120 %	80-120 %
Istd#6	Terbium	30-120 %	80-120 %
Istd#7	Holmium	30-120 %	80-120 %
Istd#8	Bismuth	30-120 %	80-120 %

LABORATORY REVIEW SIGNATURE FORM
(To be stored with the raw data)

File ID: X081204M1.CSV
Analyst: ND

Date Analyzed: 08/12/04
Run ID: MA14277

Methods: SW846 6020

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 8/13/04

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

NC 8/19/04

ACCUTEST

Analytical Standards Information Log

Analytical Run ID: MA14272

Standard Type	Standard ID
Calibration Standard A	MA - 75 - 393 - STDA
Calibration Standard B	MA - 75 - 394 - STDB
Calibration Standard C	MA - 75 - 395 - STDC
Calibration Standard D	MA - 75 - 396 - STDD
Calibration Standard E	MA - 75 - 397 - STDE
Internal Standard	MA - 75 - 398 - IS
Initial Calibration Check Standard	MA - 59 - 056 - ICV
High Check Standard	MA - 69 - 198 - HSTD
Continuing Calibration Check Standard	MA - 71 - 202 - CCV
Interfering Element ICSA Standard	MA - 74 - 020 - ICSA
Interfering Element ICSAB Standard	MA - 74 - 019 - ICSAB 3
Low Check Standard	MA - 70 - 047 - CRI B

8-12-04

Form: AA-013
Rev. Date: 5/8/2001

ACCUTEST

ICP-MS Analytical Standards Information Log

Analytical Run ID: 14277

Standard Type	Standard ID
Calibration Standard A	MA - 010 : 246 STDA
Calibration Standard B	MA - 010 - 247 STDB
Calibration Standard C	MA - 010 - 248 - STDC
Calibration Standard D	MA - 010 - 249 - STDD
Calibration Standard E	MA - 010 - 251 - STDE
Calibration Standard F	MA - ___ - ___ - STDF
Calibration Standard G	MA ~~010 - 24~~ - STDG
Internal Standard	MA - 010 - 251 - IS
Internal Standard	MA - ___ - ___ - IS
Initial Calibration Check Standard	MA - 011 - 024 - ICV
Initial Calibration Check Standard	MA - 011 - 025 - ICVA
Continuing Calibration Check Standard	MA - 013 - 051 - CCV
Continuing Calibration Check Standard	MA - 013 - 052
Interfering Element ICSA Standard	MA - 017 - 011 ICSA
Interfering Element ICSAB Standard	MA - 017 - 012 ICSAB
Low Check Standard	MA 005 - 036 - CRI 8/27/04
Cross Calibration Standard	MA - 016 - 013 - CR
Tuning Standard	MA - 015 - 018 - TUNE
Mass Calibration and Detector Plateau Standard	MA - ___ - ___ - DP

Form: AA-013A
Rev. Date: 03/07/03

7/29/04

Autotune report

Sequence name : Default Xi tune
Sequence version : 4/5/2004 9:35:06 AM
Acquired at : 8/12/2004 9:35:45 AM

Result : Passed

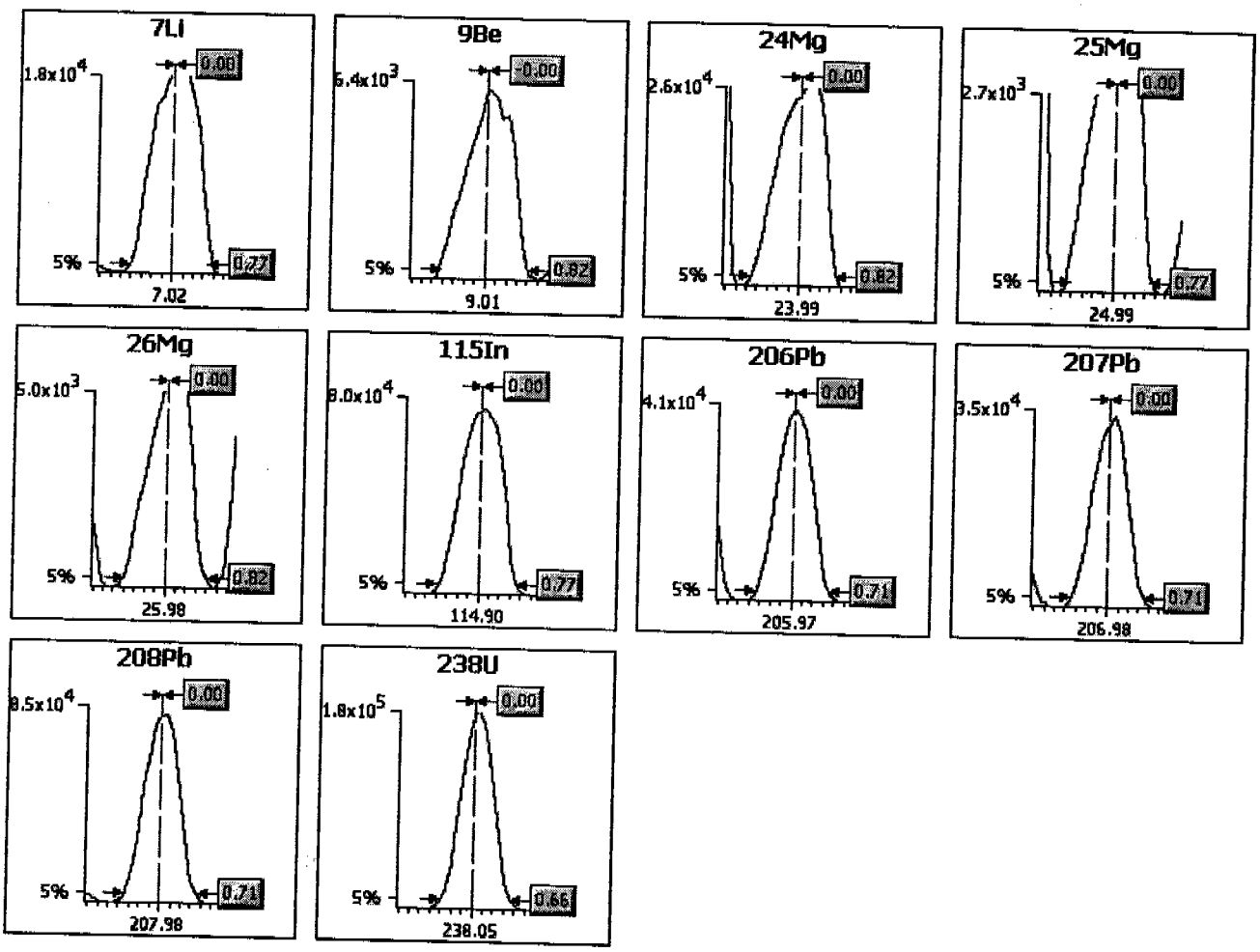
Stage	Analyte	Result
Stages	115In	68701.17
Lenses	115In	92190.91
Nebuliser	115In	88159.32
	156Ce O/140Ce	0.0152

Performance Report

Sample details
Acquired at : 08/12/2004 09:55:54 AM
Report name : IQ XI interface [06/22/2004 11:06:20 AM]

Mass Calibration verification

Acquisition parameters
Sweeps : 10
Dwell : 1.0 mSecs
Point spacing : 0.05 amu
Peak width measured at 5% of the peak maximum



Analyte	Limits			Results	
	Max. width	Min. width	Max. error	Peak width	Peak error
7Li	0.85	0.65	0.11	0.77	0.00
9Be	0.85	0.65	0.10	0.82	-0.00
24Mg	0.85	0.65	0.11	0.82	0.00
25Mg	0.85	0.65	0.11	0.77	0.00
26Mg	0.85	0.65	0.11	0.82	0.00
115In	0.85	0.65	0.11	0.77	0.00
206Pb	0.85	0.65	0.11	0.71	0.00
207Pb	0.85	0.65	0.11	0.71	0.00
208Pb	0.85	0.65	0.11	0.71	0.00
238U	0.85	0.65	0.11	0.66	0.00

Sample details
Acquired at : 08/12/2004 09:55:54 AM
Report name : IQ Xi interface [06/22/2004 11:06:20 AM]

Tune conditions

Major	
Extraction	-161
Lens 1	3.8
Focus	23.3
D1	-34.5
Pole Bias	3.0
Hexapole Bias	-2.0
Nebuliser	0.92
Sampling Depth	130

Minor	
Lens 2	-20.4
Lens 3	-93.3
Forward power	1349
Horizontal	105
Vertical	558
D2	-160
DA	-80.0
Cool	13.0
Auxiliary	0.90

Global	
Standard resolution	105
High resolution	125
Analogue Detector	2196
PC Detector	3618

Sensitivity and stability results

Acquisition parameters
Sweeps : 130

Run	Time	5Bkg	7Li	9Be	24Mg	25Mg	26Mg	56Ar O	59Co	138Ba++
Dwell (mSecs)		100.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	30.0
Limits	%RSD	-	5.0%	5.0%	5.0%	5.0%	5.0%	-	-	-
	Countrate	-	>1000	>100	>1000	>1000	>1000	-	-	-
1	09:56:00 AM	0.462	19182.140	6442.723	28345.725	3900.152	4754.841	133552.74	62543.708	233.590
2	09:57:14 AM	0.154	19356.823	6442.723	28268.758	3928.616	4734.070	133682.32	62294.936	215.385
3	09:58:28 AM	0.231	19485.335	6489.652	28619.727	3967.080	4769.458	133741.71	62763.214	240.257
4	09:59:42 AM	0.462	19479.178	6515.809	28565.080	3990.928	4700.990	133952.27	63301.584	219.488
5	10:00:56 AM	0.308	19385.296	6486.575	28862.944	3906.306	4817.924	133790.30	62753.971	222.052
x		0.323	19377.754	6475.496	28532.447	3938.617	4755.457	133743.87	62731.483	226.154
σ		0.14	123.11	32.00	235.75	39.28	43.37	146.55	371.60	10.39
%RSD		42.592	0.635	0.494	0.826	0.997	0.912	0.110	0.592	4.592

Run	Time	101Bkg	115In	138Ba	140Ce	156Ce O	206Pb	207Pb	208Pb	220Bkg
Dwell (mSecs)		100.0	10.0	10.0	10.0	30.0	10.0	10.0	10.0	100.0
Limits	%RSD	-	5.0%	-	-	-	5.0%	5.0%	5.0%	-
	Countrate	-	>100	-	-	-	>100	>100	>100	<1
1	09:56:00 AM	0.154	83215.344	806.160	101186.13	1486.945	42847.582	35424.852	89730.443	0.077
2	09:57:14 AM	0.308	85810.494	801.545	99868.098	1603.103	42951.517	35517.995	89343.598	0.154
3	09:58:28 AM	0.231	86376.853	799.237	100483.18	1531.049	42948.438	35541.859	89627.952	0.154
4	09:59:42 AM	0.154	86069.400	797.699	100205.70	1539.511	42758.275	35701.203	90477.172	0.308
5	10:00:56 AM	0.077	86787.563	796.929	99989.109	1482.586	42870.679	35859.008	90101.109	0.154
x		0.185	85651.931	800.314	100346.44	1528.639	42875.298	35608.983	89856.055	0.169
σ		0.09	1409.92	3.71	524.42	48.81	80.07	171.54	440.53	0.08
%RSD		47.507	1.646	0.464	0.523	3.193	0.187	0.482	0.490	49.793

Run	Time	238U
Dwell (mSecs)		10.0
Limits	%RSD	5.0%
	Countrate	>100
1	09:56:00 AM	209549.73
2	09:57:14 AM	214120.57
3	09:58:28 AM	216094.42
4	09:59:42 AM	216465.25
5	10:00:56 AM	217116.53
x		214669.30
σ		3072.31
%RSD		1.431

Ratio results

Run	Time	7Li/5Bkg	56Ar O/59Co	115In/101Bkg	156Ce O/140Ce	238U/220Bkg
Ratio limits		>20000.0000	-	>100000.0000	<0.0300	>100000.0000
1	09:56:00 AM	41561.304	2.135	540899.74	0.015	2724146.5
2	09:57:14 AM	125819.35	2.146	278884.11	0.016	1391783.7
		84436.449	2.131	374299.70	0.015	1404613.7

3	09:58:28 AM					
4	09:59:42 AM	42204.886	2.116	559451.10	0.015	703512.07
5	10:00:56 AM	63002.211	2.132	1128238.3	0.015	1411257.4
x		71404.840	2.1321	576354.59	0.0152	1527062.7
σ		35159.07	0.01	329936.85	0.00	734498.18
%RSD		49.2391	0.5031	57.2455	3.5070	48.0988

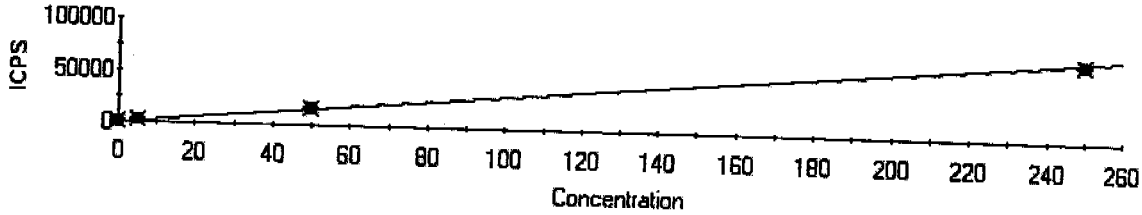
Result : The performance report passed.

Sample List

No	Label	Type	Weight	Rack	Row	Col	Height
1	std1 2	Fully Quant Standard	1.00	1	1	1	144
2	std2	Fully Quant Standard	1.00	1	1	2	144
3	std3	Fully Quant Standard	1.00	1	1	3	144
4	std4	Fully Quant Standard	1.00	1	1	4	144
5	std5	Fully Quant Standard	1.00	1	1	5	144
6	icv	Unknown	1.00	1	1	6	144
7	icb	Unknown	1.00	1	1	7	144
8	ccv	Unknown	1.00	1	1	8	144
9	ccb	Unknown	1.00	1	1	9	144
10	cri	Unknown	1.00	1	1	10	144
11	icsa	Unknown	1.00	1	1	11	144
12	icsab	Unknown	1.00	1	1	12	144
13	ccv	Unknown	1.00	1	2	1	144
14	ccb	Unknown	1.00	1	2	2	144
15	mp26748-mb1 df2	Unknown	2.00	1	2	3	144
16	mp26748-lc1 df2	Unknown	2.00	1	2	4	144
17	mp26748-s1 df2	Unknown	2.00	1	2	5	144
18	mp26748-s2	Unknown	2.00	1	2	6	144
19	n74426-1 df2	Unknown	2.00	1	2	7	144
20	mp26748-sd1 df10	Unknown	10.00	1	2	8	144
21	n74426-2 df2	Unknown	2.00	1	2	9	144
22	ccv	Unknown	1.00	1	2	11	144
23	ccb	Unknown	1.00	1	2	12	144
24	ccv	Unknown	1.00	1	3	1	144
25	ccb	Unknown	1.00	1	3	2	144
26	mp26767-mb1 df2	Unknown	2.00	1	3	3	144
27	n74646-2 df2	Unknown	2.00	1	3	4	144
28	mp26767-sd1 df10	Unknown	10.00	1	3	5	144
29	mp26767-lc1 df2	Unknown	2.00	1	5	4	144
30	n74646-1df2	Unknown	2.00	1	3	6	144
31	n74646-3 df2	Unknown	2.00	1	3	7	144
32	n74646-4 df2	Unknown	2.00	1	3	8	144
33	n74646-5 df2	Unknown	2.00	1	3	9	144
34	n74646-6 df2	Unknown	2.00	1	3	10	144
35	ccv	Unknown	1.00	0	1	1	144
36	ccb	Unknown	1.00	0	1	2	144
37	n74646-8 df2	Unknown	2.00	1	3	11	144
38	n74646-9 df2	Unknown	2.00	1	3	12	144
39	n74646-10 df2	Unknown	2.00	1	4	1	144
40	n74646-11 df2	Unknown	2.00	1	4	2	144
41	n74646-1f df2	Unknown	2.00	1	4	3	144
42	n74646-2f df2	Unknown	2.00	1	4	4	144
43	n74646-3f df2	Unknown	2.00	1	4	5	144
44	n74646-4f df2	Unknown	2.00	1	4	6	144
45	n74646-5f df2	Unknown	2.00	1	4	7	144
46	ccv	Unknown	1.00	0	1	1	144
47	ccb	Unknown	1.00	0	1	2	144
48	n74646-6f df2	Unknown	2.00	1	4	8	144
49	n74646-8f df2	Unknown	2.00	1	4	9	144
50	n74646-9f df2	Unknown	2.00	1	4	10	144
51	n74646-10f df2	Unknown	2.00	1	4	11	144
52	n74646-11f df2	Unknown	2.00	1	4	12	144
53	ccv	Unknown	1.00	0	1	1	144
54	ccb	Unknown	1.00	0	1	2	144
55	mp26767-s1 df5	Unknown	5.00	1	5	1	144
56	mp26767-s2 df5	Unknown	5.00	1	5	2	144
57	mp26767-s2 df2	Unknown	2.00	1	5	3	144
58	N747913-1qconf	Unknown	1.00	1	5	5	144
59	ccv	Unknown	1.00	0	1	1	144
60	ccb	Unknown	1.00	0	1	2	144

Fully Quant Calibration

[redacted]



Intercept CPS=12.562520 Intercept Conc=0.041735
Sensitivity=301.003664 Correlation Coeff=0.999968

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	-0.00	0.001	2.34	0.00
std2	5.00	4.97	0.031	509.66	0.53
std3	50.00	50.72	0.721	5279.66	1.44
std4	250.00	244.13	5.877	3495.64	2.35

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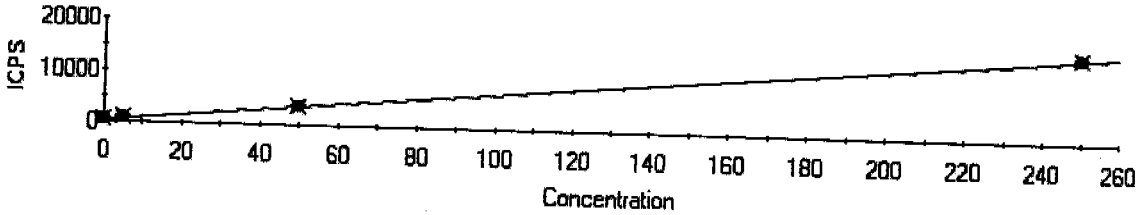
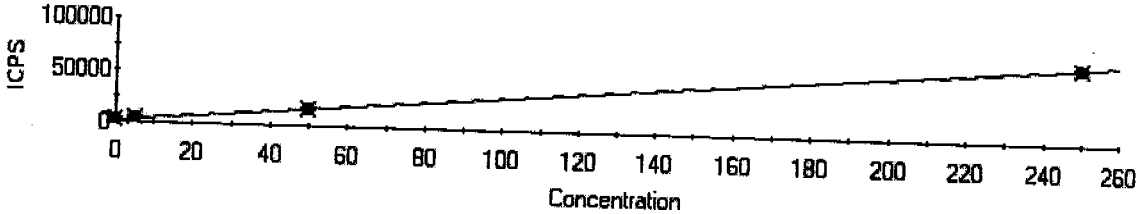


Intercept CPS=428.333781 Intercept Conc=6.831384
Sensitivity=62.700876 Correlation Coeff=0.999997

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	-0.05	0.054	24.94	0.00
std2	5.00	5.23	0.237	56.05	4.53
std3	50.00	50.20	0.203	575.98	0.40
std4	250.00	248.01	1.991	5978.76	0.80

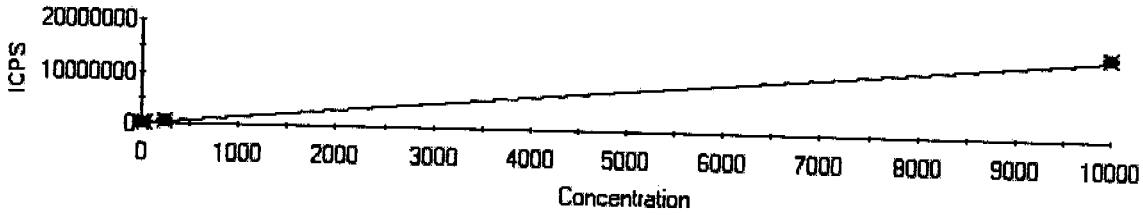
[redacted]



Intercept CPS=1952.885552 Intercept Conc=7.012130
Sensitivity=278.501055 Correlation Coeff=0.999997

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	-0.06	0.061	936.28	0.00
std2	5.00	5.03	0.033	352.76	0.53
std3	50.00	50.44	0.441	6001.29	0.89
std4	250.00	249.18	0.827	1350.47	0.33

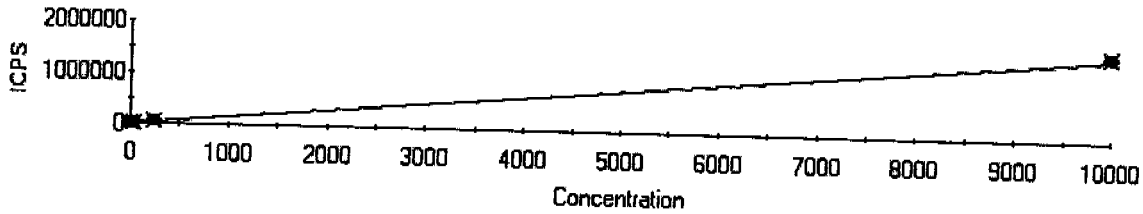
[redacted]



Intercept CPS=48450.838750 Intercept Conc=31.672779
Sensitivity=1529.731229 Correlation Coeff=1.000000

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	-4.82	4.82	41075.75	0.00
std2	5.00	6.25	1.25	58016.29	25.06
std3	50.00	49.64	0.36	124387.44	0.72
std4	250.00	248.47	1.53	428546.27	0.61
std5	10000.00	10274.37	274.37	15765482.54	2.74

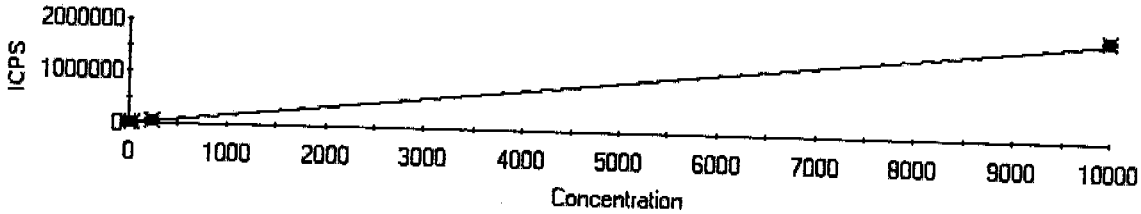
[redacted]



Intercept CPS=375.234384 Intercept Conc=2.393430
Sensitivity=156.776805 Correlation Coeff=1.000000

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	0.38	0.38	435.10	0.00
std2	5.00	5.07	0.07	1169.64	1.34
std3	50.00	48.83	1.17	8030.04	2.35
std4	250.00	248.31	1.69	39303.75	0.68
std5	10000.00	10238.59	238.59	1605548.00	2.39

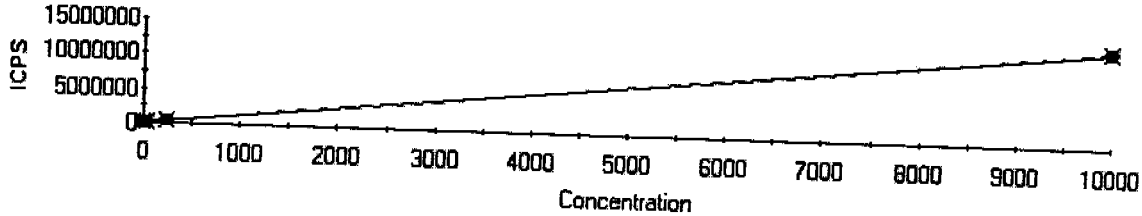
[redacted]



Intercept CPS=513.658936 Intercept Conc=2.727997
Sensitivity=188.291604 Correlation Coeff=1.000000

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	0.08	0.08	528.43	0.00
std2	5.00	4.99	0.01	1453.04	0.22
std3	50.00	49.64	0.36	9860.93	0.71
std4	250.00	248.35	1.65	47276.42	0.66
std5	10000.00	10252.79	252.79	1931027.63	2.53

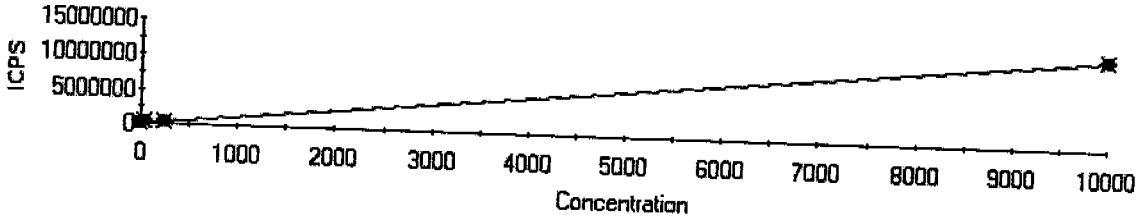
[redacted]



Intercept CPS=3972.040185 Intercept Conc=2.916688
Sensitivity=1361.832575 Correlation Coeff=1.000000

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	-0.05	0.05	3899.39	0.00
std2	5.00	5.54	0.54	11516.23	10.79
std3	50.00	51.77	1.77	74472.71	3.54
std4	250.00	248.01	1.99	341724.51	0.79
std5	10000.00	9904.78	95.22	13492620.76	0.95

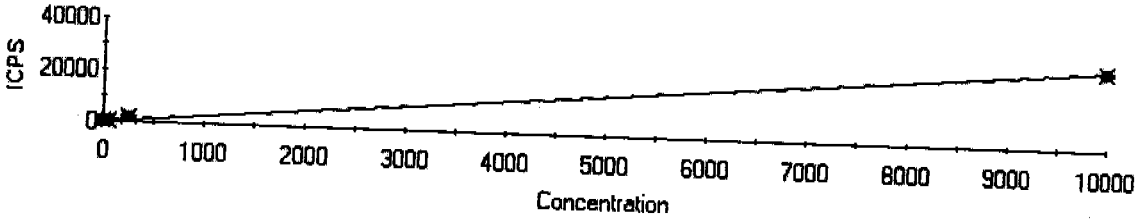
[redacted]



Intercept CPS=87431.015485 Intercept Conc=69.377691
Sensitivity=1260.218010 Correlation Coeff=1.000000

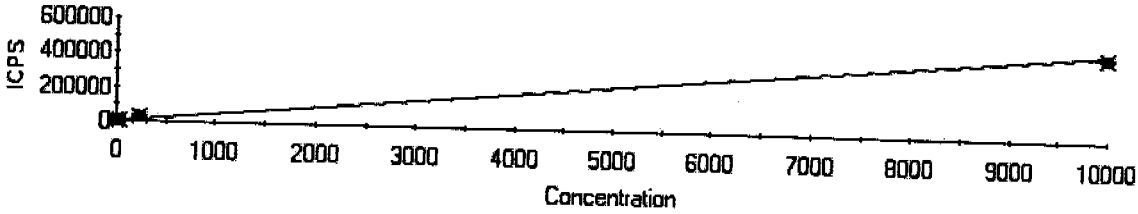
Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	-0.02	0.02	87405.99	0.00
std2	5.00	6.19	1.19	95236.02	23.87
std3	50.00	50.52	0.52	151093.64	1.03
std4	250.00	250.02	0.02	402506.74	0.01
std5	10000.00	9989.23	10.77	12676043.69	0.11

[redacted]



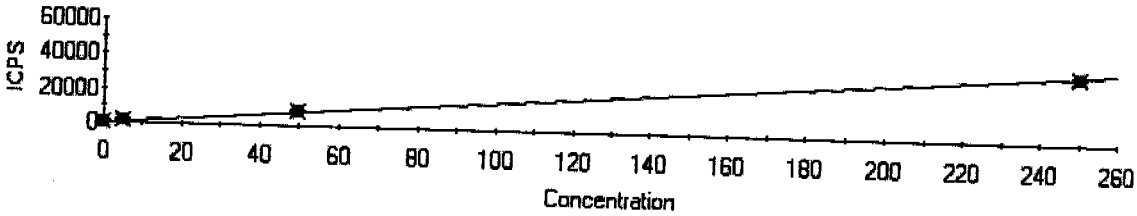
Intercept CPS=51.597463 Intercept Conc=17.084939
Sensitivity=3.020055 Correlation Coeff=0.999819

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	-12.67	12.67	13.32	0.00
std2	5.00	31.92	26.92	147.99	538.32
std3	50.00	82.03	32.03	299.32	64.05
std4	250.00	441.13	191.13	1383.84	76.45
std5	10000.00	9716.85	283.15	29397.03	2.83



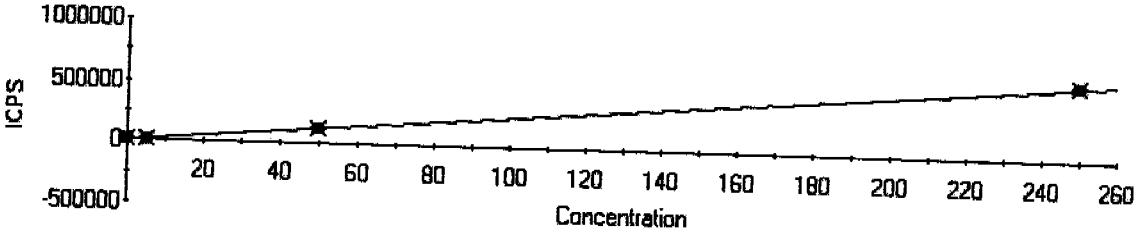
Intercept CPS=2252.573435 Intercept Conc=45.924051
Sensitivity=49.049973 Correlation Coeff=0.999939

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	-22.35	22.35	1156.29	0.00
std2	5.00	16.26	11.26	3050.08	225.18
std3	50.00	51.92	1.92	4799.35	3.84
std4	250.00	345.43	95.43	19195.80	38.17
std5	10000.00	9715.55	284.45	478800.26	2.84



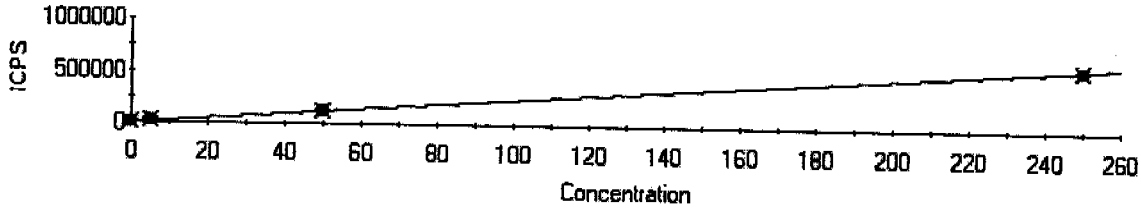
Intercept CPS=24.060984 Intercept Conc=0.153807
Sensitivity=156.436490 Correlation Coeff=0.999989

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	-0.02	0.022	0.64	0.00
std2	5.00	5.01	0.018	08.20	0.25
std3	50.00	50.23	0.237	881.93	0.46
std4	250.00	245.65	4.353	8452.50	1.74



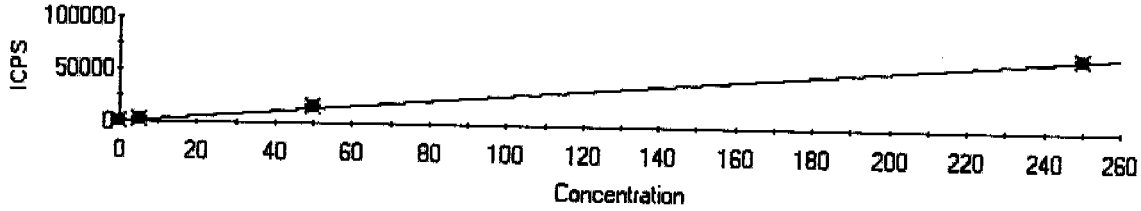
Intercept CPS=1.032522 Intercept Conc=0.000430
Sensitivity=2402.269786 Correlation Coeff=0.999999

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	0.09	0.092	22.21	0.00
std2	5.00	4.78	0.221	1493.09	4.32
std3	50.00	49.81	0.191	19656.32	0.38
std4	250.00	250.63	0.636	02076.13	0.25



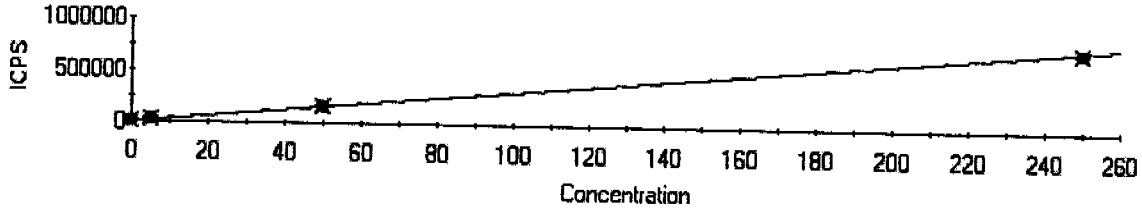
Intercept CPS=2178.743033 Intercept Conc=0.920728
Sensitivity=2366.327160 Correlation Coeff=0.999977

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	-0.00	0.002	177.45	0.00
std2	5.00	5.19	0.191	4462.10	3.82
std3	50.00	50.75	0.751	22268.31	1.50
std4	250.00	245.33	4.675	82707.05	1.87



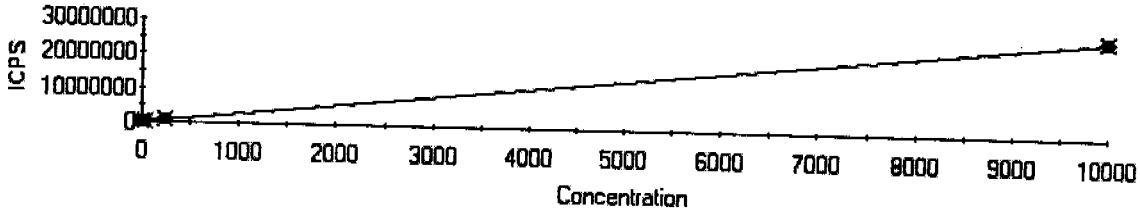
Intercept CPS=884.325050 Intercept Conc=3.249936
Sensitivity=272.105396 Correlation Coeff=0.999994

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	-0.47	0.477	57.01	0.00
std2	5.00	4.13	0.872	007.41	17.45
std3	50.00	50.13	0.131	4524.03	0.25
std4	250.00	249.54	0.466	8786.25	0.18



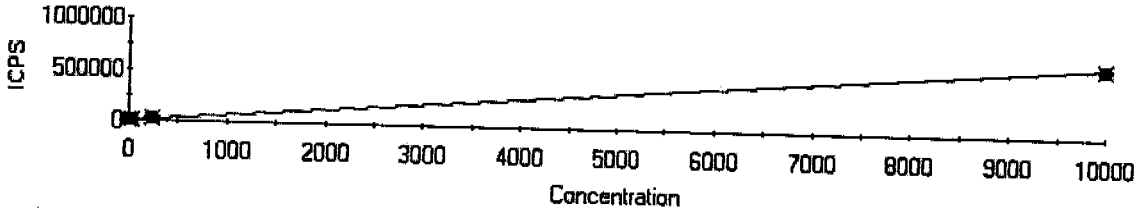
Intercept CPS=347.650478 Intercept Conc=0.112601
Sensitivity=3087.455346 Correlation Coeff=0.999965

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	-0.01	0.013	25.75	0.00
std2	5.00	5.12	0.121	6153.61	2.39
std3	50.00	51.08	1.081	58059.46	2.16
std4	250.00	245.26	4.747	57577.72	1.90



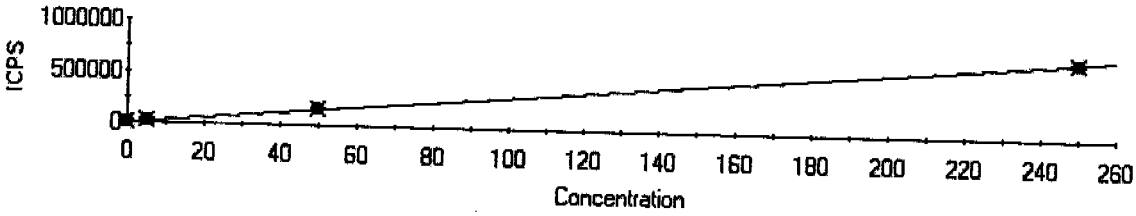
Intercept CPS=125685.703146 Intercept Conc=45.449158
Sensitivity=2765.413207 Correlation Coeff=1.000000

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	-1.32	1.32	122030.46	0.00
std2	5.00	5.07	0.07	139702.47	1.37
std3	50.00	51.22	1.22	267334.06	2.44
std4	250.00	246.42	3.58	807127.93	1.43
std5	10000.00	9908.99	91.01	27528135.25	0.91



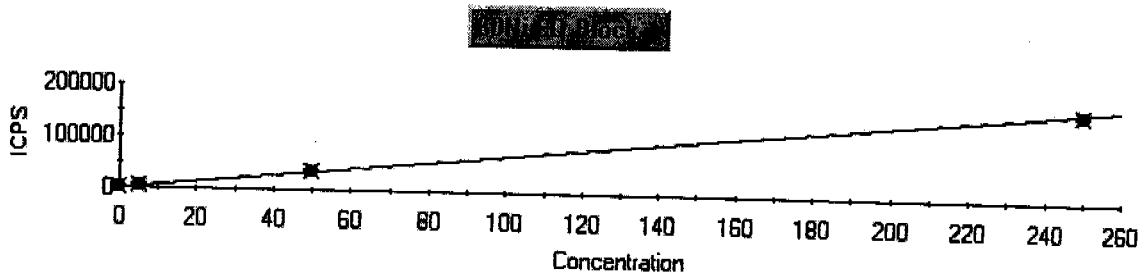
Intercept CPS=1268.071240 Intercept Conc=19.034676
Sensitivity=66.619008 Correlation Coeff=1.000000

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	-0.54	0.54	1232.03	0.00
std2	5.00	5.17	0.17	1612.79	3.49
std3	50.00	50.84	0.84	4654.74	1.67
std4	250.00	251.31	1.31	18010.24	0.52
std5	10000.00	9872.00	128.00	658930.83	1.28



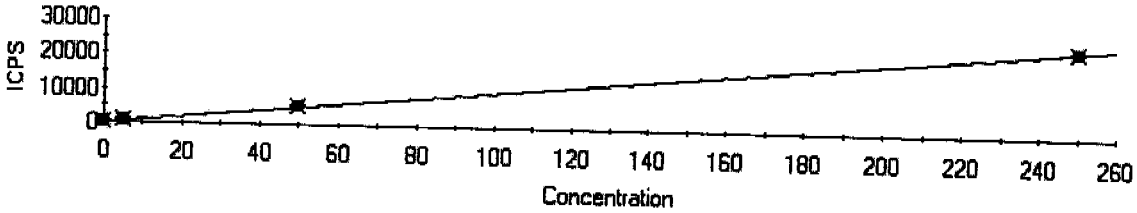
Intercept CPS=37.981158 Intercept Conc=0.012690
Sensitivity=2992.909349 Correlation Coeff=0.999966

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	-0.00	0.003	6.99	0.00
std2	5.00	5.01	0.011	5022.56	0.13
std3	50.00	50.44	0.441	51004.83	0.88
std4	250.00	242.38	7.627	25465.11	3.05



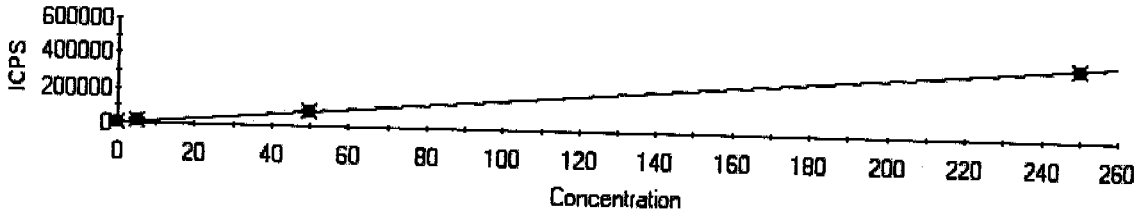
Intercept CPS=29.002959 Intercept Conc=0.042644
Sensitivity=680.114092 Correlation Coeff=0.999979

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	-0.00	0.002	7.98	0.00
std2	5.00	5.11	0.113	501.25	2.11
std3	50.00	50.16	0.163	4140.90	0.31
std4	250.00	242.82	7.181	65173.34	2.87



Intercept CPS=24.806125 Intercept Conc=0.249185
Sensitivity=99.549044 Correlation Coeff=0.999974

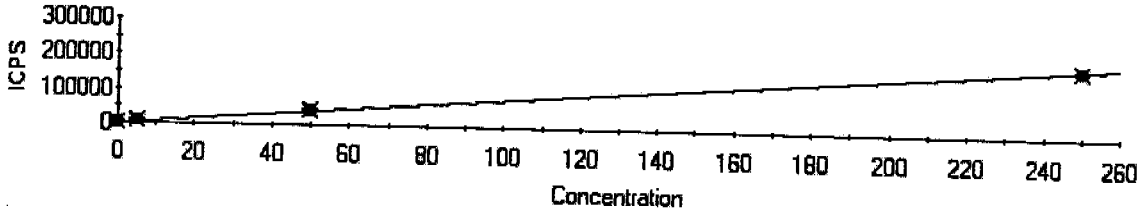
Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	-0.00	0.002	4.34	0.00
std2	5.00	5.11	0.115	33.54	2.21
std3	50.00	51.41	1.415	142.18	2.81
std4	250.00	248.17	1.832	4729.43	0.73



Intercept CPS=342.920035 Intercept Conc=0.209186
Sensitivity=1639.307860 Correlation Coeff=0.999987

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	0.58	0.581	293.04	0.00
std2	5.00	4.97	0.038	487.30	0.64
std3	50.00	50.01	0.018	2318.75	0.01
std4	250.00	243.10	6.903	98855.01	2.76

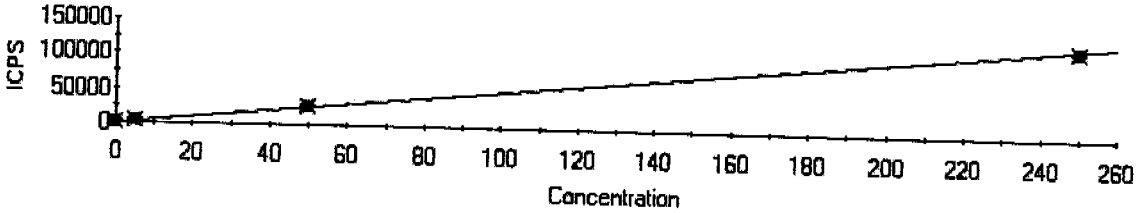
[redacted]



Intercept CPS=414.445101 Intercept Conc=0.536115
Sensitivity=773.052905 Correlation Coeff=0.999987

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	0.20	0.205	68.71	0.00
std2	5.00	4.74	0.264	079.91	5.17
std3	50.00	50.39	0.393	9368.16	0.78
std4	250.00	246.24	3.761	90767.21	1.51

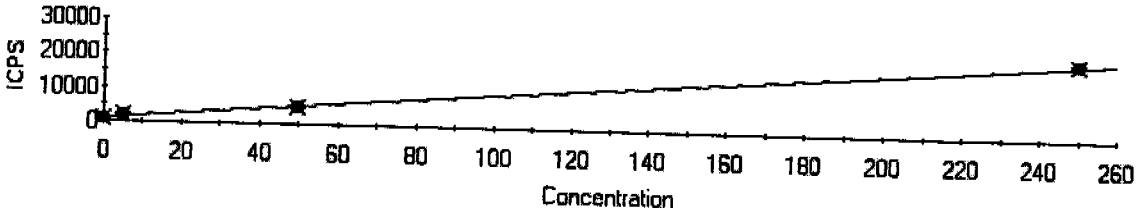
[redacted]



Intercept CPS=339.134143 Intercept Conc=0.671708
Sensitivity=504.883002 Correlation Coeff=0.999953

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	-0.12	0.122	79.67	0.00
std2	5.00	7.45	2.454	100.29	48.99
std3	50.00	50.00	0.002	5585.60	0.01
std4	250.00	244.31	5.691	23689.38	2.27

[redacted]



Intercept CPS=957.425287 Intercept Conc=11.851785
Sensitivity=80.783217 Correlation Coeff=0.999943

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	-1.81	1.818	11.59	0.00
std2	5.00	6.01	1.011	442.95	20.20
std3	50.00	48.76	1.244	896.15	2.49
std4	250.00	251.35	1.352	1261.93	0.54

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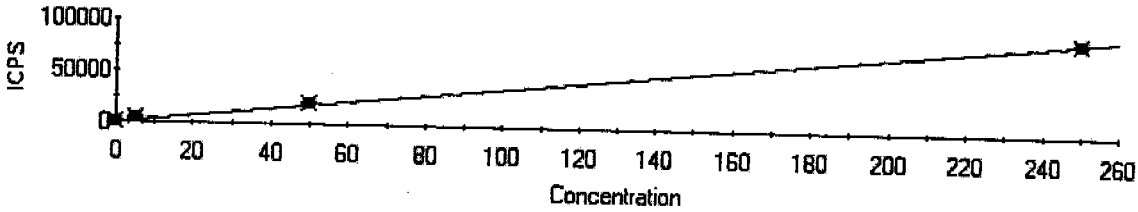
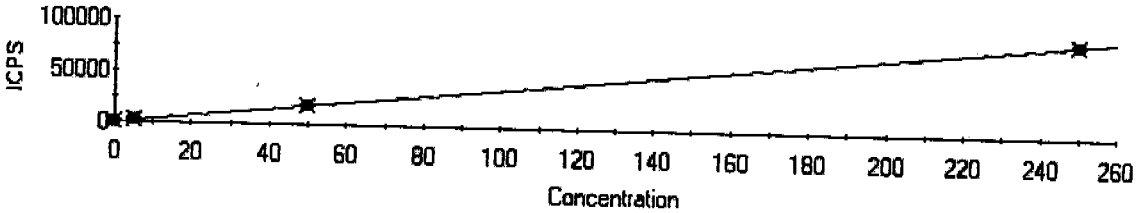


Intercept CPS=297.040551 Intercept Conc=0.831196
Sensitivity=357.365023 Correlation Coeff=0.999956

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	-0.11	0.112	58.72	0.00
std2	5.00	7.52	2.522	984.82	50.42
std3	50.00	50.82	0.821	8459.72	1.65
std4	250.00	248.38	1.628	9057.71	0.65

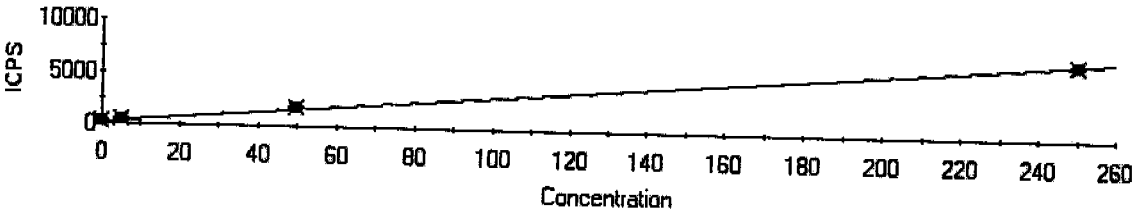
[redacted]



Intercept CPS=57.941452 Intercept Conc=0.162093
Sensitivity=357.457822 Correlation Coeff=0.999995

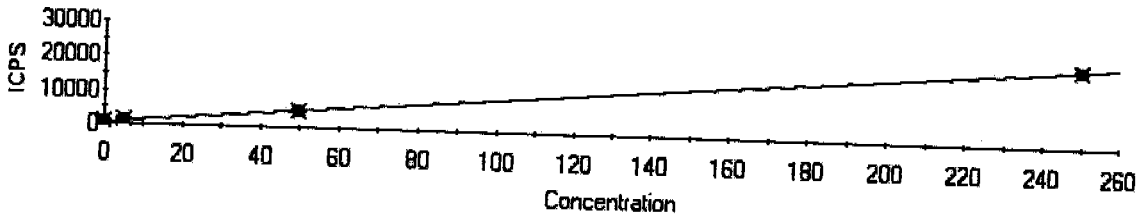
Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	-0.07	0.073	1.48	0.00
std2	5.00	5.15	0.151	897.89	2.95
std3	50.00	50.29	0.291	8035.28	0.58
std4	250.00	247.55	2.458	8545.74	0.98

[redacted]



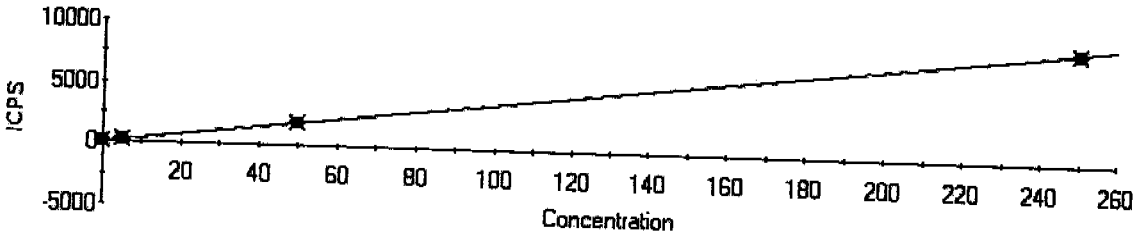
Intercept CPS=250.946751 Intercept Conc=8.976889
Sensitivity=27.954758 Correlation Coeff=0.999985

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	-0.03	0.032	49.99	0.00
std2	5.00	4.48	0.523	76.20	10.39
std3	50.00	50.66	0.661	667.15	1.32
std4	250.00	248.08	1.927	186.05	0.77



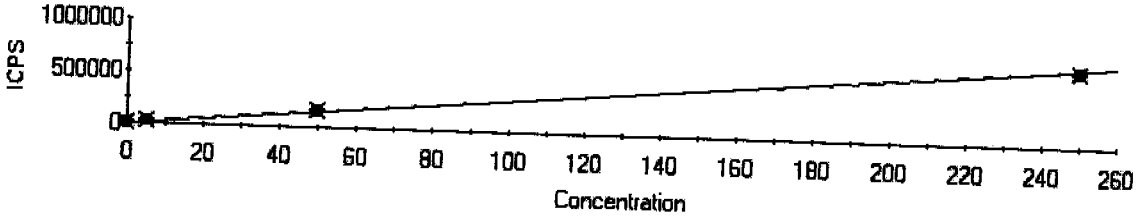
Intercept CPS=445.350137 Intercept Conc=5.164787
Sensitivity=86.228174 Correlation Coeff=0.999999

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	0.04	0.044	49.21	0.00
std2	5.00	4.95	0.058	72.42	0.95
std3	50.00	50.25	0.254	778.04	0.49
std4	250.00	249.94	0.062	1997.44	0.02



Intercept CPS=5.205251 Intercept Conc=0.142973
Sensitivity=36.407121 Correlation Coeff=0.999991

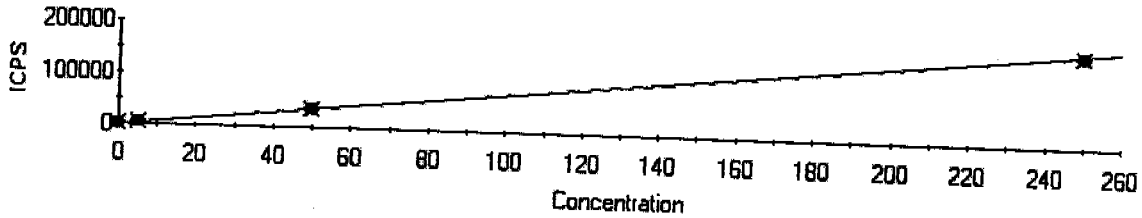
Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	0.00	0.005	.33	0.00
std2	5.00	4.88	0.121	82.84	2.42
std3	50.00	50.79	0.791	854.28	1.58
std4	250.00	249.15	0.859	076.06	0.34



Intercept CPS=37.377455 Intercept Conc=0.012675
Sensitivity=2948.911806 Correlation Coeff=0.999987

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	-0.00	0.003	0.67	0.00
std2	5.00	5.24	0.241	5487.17	4.78
std3	50.00	50.14	0.141	47893.43	0.28
std4	250.00	244.21	5.797	20179.40	2.32

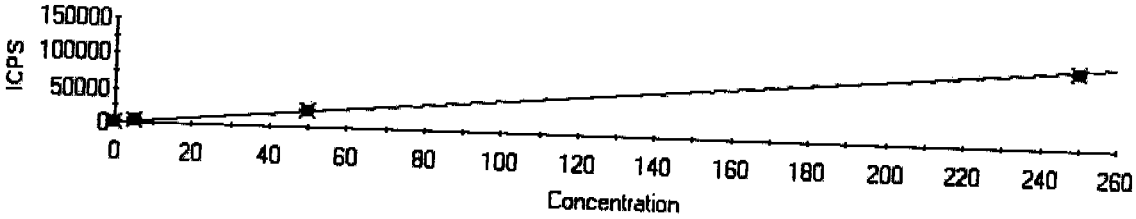
[redacted]



Intercept CPS=7.921277 Intercept Conc=0.011242
Sensitivity=704.612466 Correlation Coeff=0.999997

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	0.00	0.001	0.76	0.00
std2	5.00	4.97	0.033	507.56	0.66
std3	50.00	50.10	0.103	5309.76	0.20
std4	250.00	247.83	2.171	74633.76	0.87

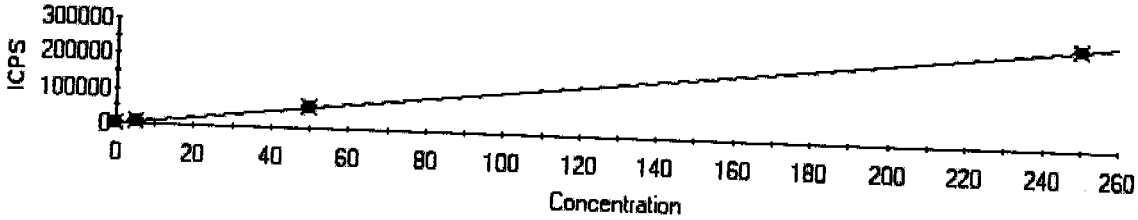
[redacted]



Intercept CPS=6.776602 Intercept Conc=0.014940
Sensitivity=453.589280 Correlation Coeff=0.999999

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	-0.00	0.006	.02	0.00
std2	5.00	5.01	0.012	278.20	0.15
std3	50.00	48.40	1.602	1960.46	3.20
std4	250.00	240.44	9.561	09065.57	3.83

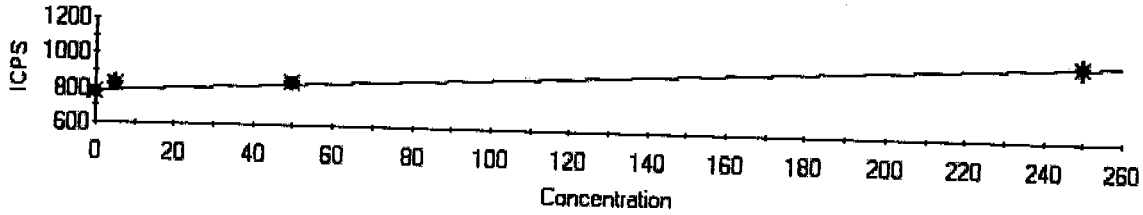
[redacted]



Intercept CPS=17.002761 Intercept Conc=0.015048
Sensitivity=1129.922013 Correlation Coeff=0.999996

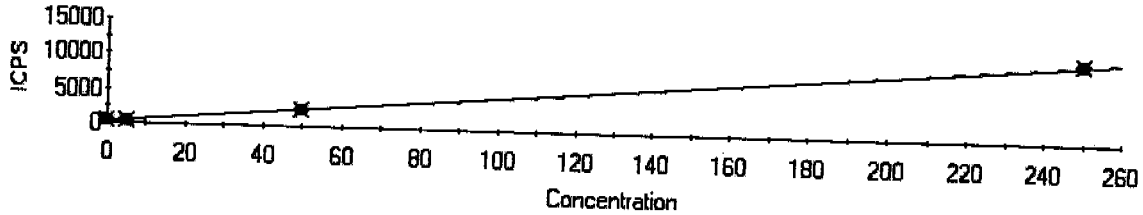
Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	-0.00	0.001	6.15	0.00
std2	5.00	5.13	0.135	819.07	2.70
std3	50.00	50.51	0.515	7083.98	1.01
std4	250.00	248.78	1.222	81118.54	0.49

1084



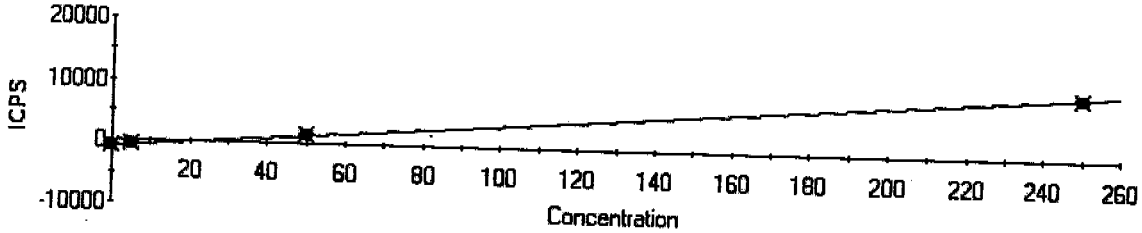
Intercept CPS=786.119975 Intercept Conc=799.240542
Sensitivity=0.983584 Correlation Coeff=0.984765

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	-17.46	17.46	768.95	0.00
std2	5.00	34.94	29.94	820.48	598.71
std3	50.00	60.79	10.79	845.91	21.57
std4	250.00	243.80	6.201	025.92	2.48



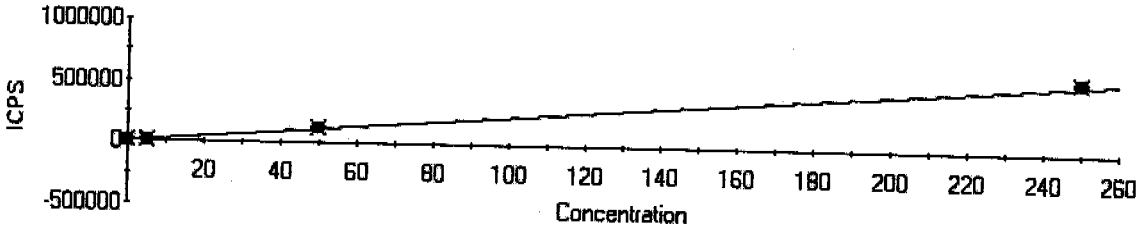
Intercept CPS=191.716981 Intercept Conc=4.350008
Sensitivity=44.072793 Correlation Coeff=0.999997

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	0.02	0.021	92.60	0.00
std2	5.00	5.04	0.044	13.75	0.76
std3	50.00	49.58	0.422	376.74	0.84
std4	250.00	250.48	0.481	1230.96	0.19



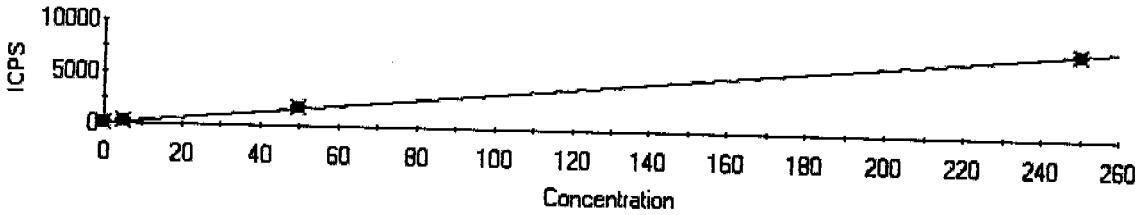
Intercept CPS=-775.308851 Intercept Conc=-17.989609
Sensitivity=43.097593 Correlation Coeff=0.999985

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	1.07	1.07-	729.37	0.00
std2	5.00	4.75	0.25-	570.43	4.92
std3	50.00	49.60	0.401	362.47	0.79
std4	250.00	250.04	0.041	0000.76	0.02



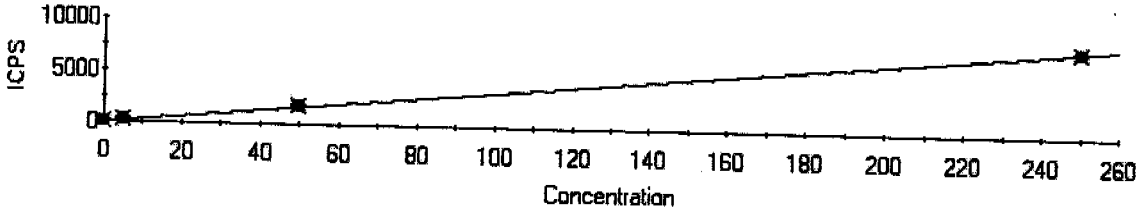
Intercept CPS=-214.038583 Intercept Conc=-0.096103
Sensitivity=2227.183598 Correlation Coeff=0.999948

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	2.62	2.625	611.82	0.00
std2	5.00	4.80	0.201	0468.29	4.07
std3	50.00	51.54	1.541	14578.39	3.08
std4	250.00	256.08	6.085	70116.79	2.43



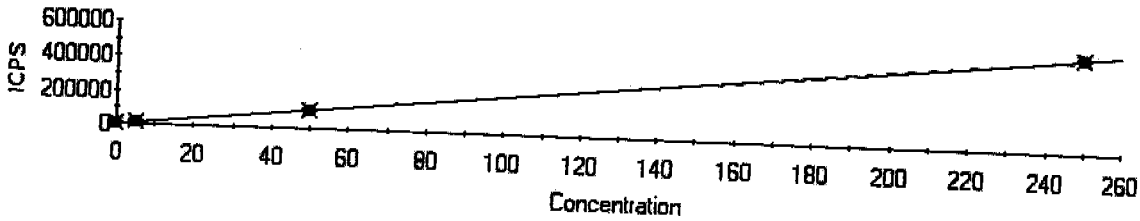
Intercept CPS=2.332540 Intercept Conc=0.071349
Sensitivity=32.691970 Correlation Coeff=0.999994

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	-0.00	0.002	.33	0.00
std2	5.00	4.97	0.031	64.94	0.52
std3	50.00	50.72	0.721	660.59	1.45
std4	250.00	249.52	0.488	159.51	0.19



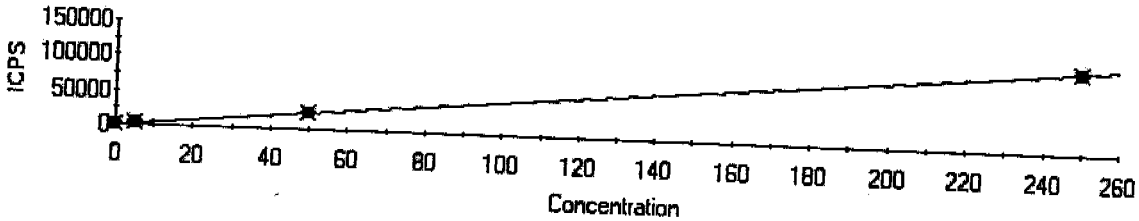
Intercept CPS=2.332540 Intercept Conc=0.071349
Sensitivity=32.691974 Correlation Coeff=0.999994

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	-0.00	0.002	.33	0.00
std2	5.00	4.97	0.031	64.94	0.52
std3	50.00	50.72	0.721	660.59	1.45
std4	250.00	249.52	0.488	159.51	0.19



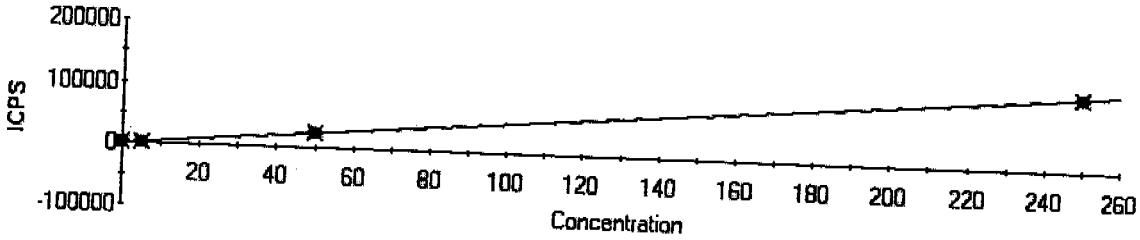
Intercept CPS=1708.306434 Intercept Conc=0.790324
Sensitivity=2161.526605 Correlation Coeff=0.999949

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	1.68	1.685	339.92	0.00
std2	5.00	3.86	1.141	0055.46	22.77
std3	50.00	49.77	0.231	09285.83	0.46
std4	250.00	250.93	0.935	44102.66	0.37



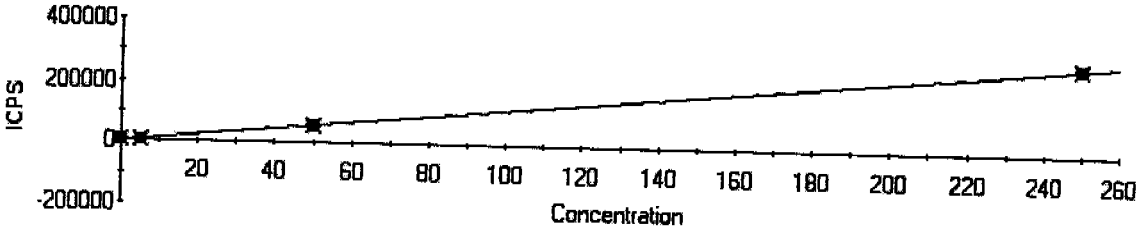
Intercept CPS=5.797640 Intercept Conc=0.012497
Sensitivity=463.938315 Correlation Coeff=0.999990

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	0.00	0.006	.08	0.00
std2	5.00	4.93	0.072	293.86	1.36
std3	50.00	50.44	0.442	3407.09	0.88
std4	250.00	246.84	3.161	14522.01	1.27



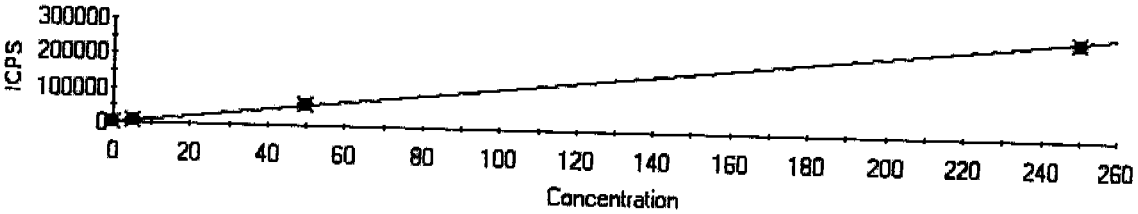
Intercept CPS=-481.710800 Intercept Conc=-1.007314
Sensitivity=478.212990 Correlation Coeff=0.999989

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	-0.05	0.05-	506.47	0.00
std2	5.00	5.00	0.001	910.05	0.03
std3	50.00	51.02	1.022	3917.97	2.05
std4	250.00	249.75	0.251	18950.52	0.10



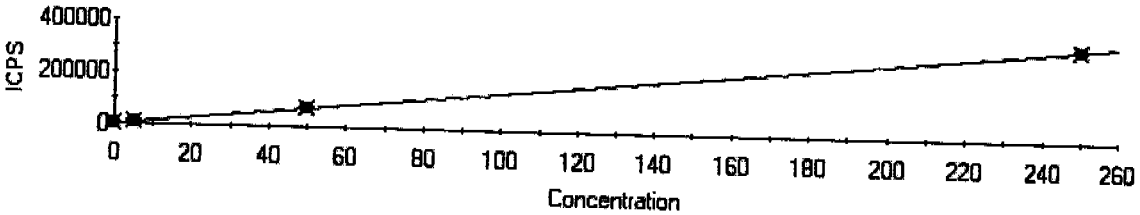
Intercept CPS=-748.386209 Intercept Conc=-0.660091
Sensitivity=1133.761992 Correlation Coeff=0.999986

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	-0.06	0.06-	821.52	0.00
std2	5.00	4.98	0.024	902.98	0.31
std3	50.00	50.99	0.995	7061.61	1.98
std4	250.00	248.88	1.122	81418.87	0.45



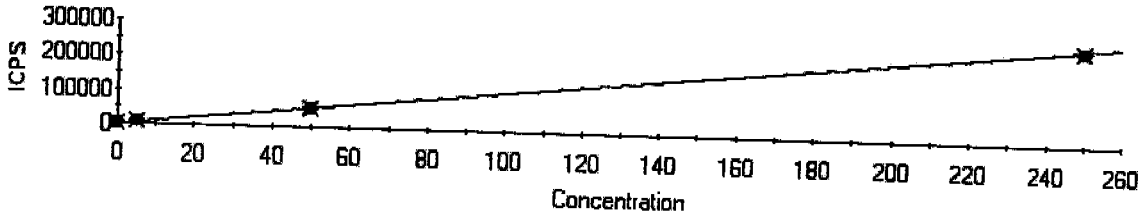
Intercept CPS=167.317211 Intercept Conc=0.149120
Sensitivity=1122.027087 Correlation Coeff=0.999998

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	-0.02	0.021	40.53	0.00
std2	5.00	5.02	0.025	803.67	0.47
std3	50.00	50.10	0.105	6381.39	0.20
std4	250.00	247.88	2.122	78294.77	0.85



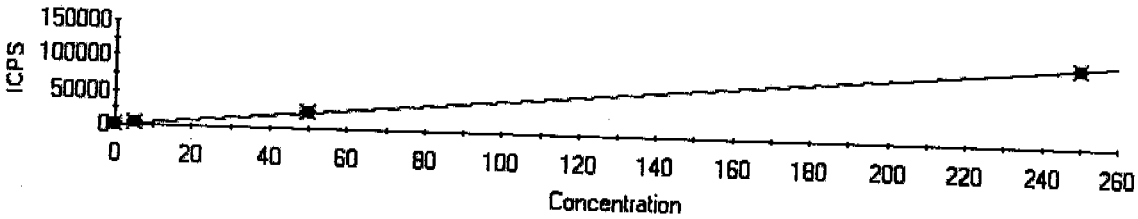
Intercept CPS=796.251714 Intercept Conc=0.569653
Sensitivity=1397.784911 Correlation Coeff=0.999993

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	0.25	0.251	147.87	0.00
std2	5.00	4.90	0.107	642.30	2.04
std3	50.00	50.33	0.337	1149.78	0.66
std4	250.00	247.07	2.933	46146.82	1.17



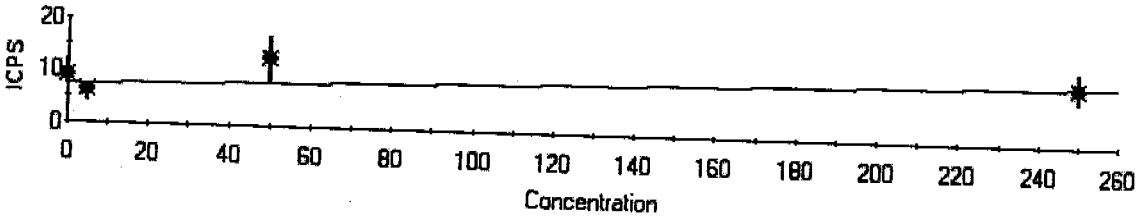
Intercept CPS=723.064657 Intercept Conc=0.673019
Sensitivity=1074.359958 Correlation Coeff=0.999997

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	0.16	0.168	95.06	0.00
std2	5.00	4.94	0.066	031.66	1.18
std3	50.00	50.24	0.245	4703.85	0.49
std4	250.00	248.41	1.592	67601.25	0.64



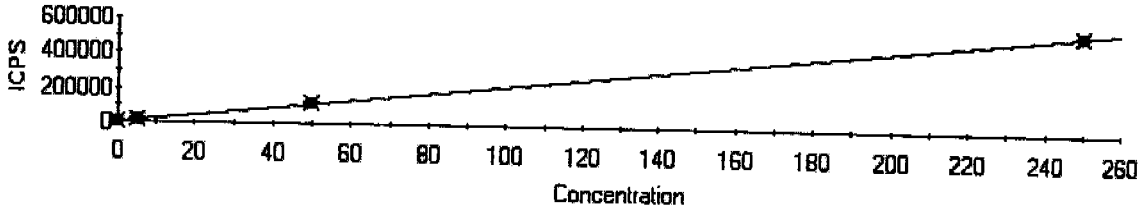
Intercept CPS=15.457731 Intercept Conc=0.034026
Sensitivity=454.287354 Correlation Coeff=0.999989

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	-0.00	0.001	5.03	0.00
std2	5.00	5.12	0.122	341.69	2.41
std3	50.00	50.14	0.142	2795.02	0.29
std4	250.00	245.00	5.001	11316.04	2.00



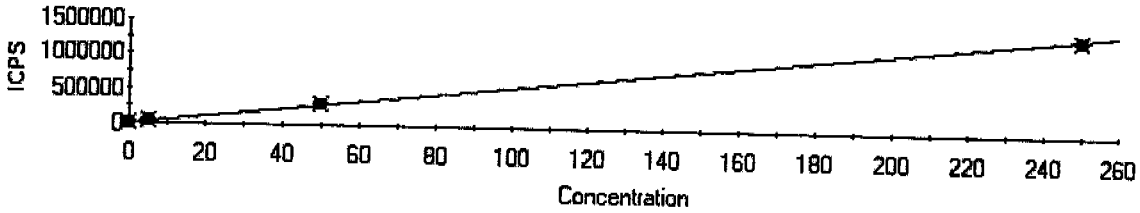
Intercept CPS=7.253246 Intercept Conc=486.358322
Sensitivity=0.014913 Correlation Coeff=0.404927

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	117.43	117.43	9.00	0.00
std2	5.00	-85.29	90.29	5.98	1805.85
std3	50.00	359.54	309.54	12.62	619.07
std4	250.00	225.96	24.04	10.62	9.61



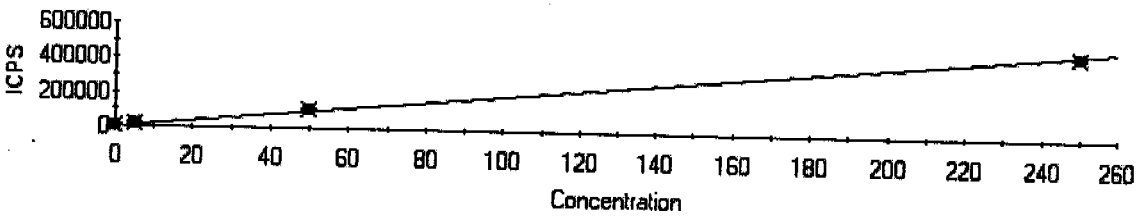
Intercept CPS=941.476082 Intercept Conc=0.424008
Sensitivity=2220.419548 Correlation Coeff=0.999977

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	0.30	0.301	602.58	0.00
std2	5.00	4.98	0.021	2007.95	0.32
std3	50.00	51.59	1.591	15500.57	3.19
std4	250.00	249.44	0.565	54804.76	0.22



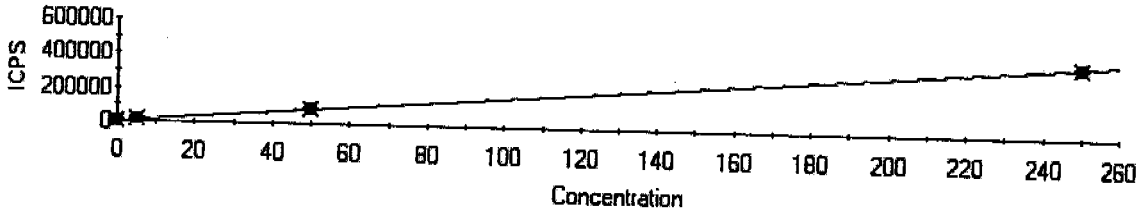
Intercept CPS=1655.855214 Intercept Conc=0.297447
Sensitivity=5566.885249 Correlation Coeff=0.999972

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	0.41	0.41	3928.46	0.00
std2	5.00	4.99	0.01	29443.28	0.17
std3	50.00	50.77	0.77	284285.03	1.54
std4	250.00	244.15	5.85	1360804.41	2.34



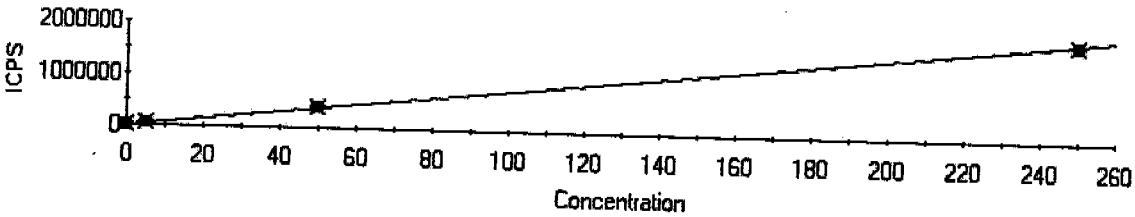
Intercept CPS=87.310110 Intercept Conc=0.044896
Sensitivity=1944.714959 Correlation Coeff=0.999974

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	-0.01	0.017	4.03	0.00
std2	5.00	5.11	0.111	0015.09	2.10
std3	50.00	50.86	0.869	8999.47	1.72
std4	250.00	245.50	4.504	77513.93	1.80



Intercept CPS=132.522689 Intercept Conc=0.080377
Sensitivity=1648.760309 Correlation Coeff=0.999981

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	-0.03	0.037	6.70	0.00
std2	5.00	5.02	0.028	415.70	0.48
std3	50.00	50.29	0.298	3045.20	0.58
std4	250.00	244.13	5.874	02639.76	2.35



Intercept CPS=437.221592 Intercept Conc=0.057749
Sensitivity=7571.032800 Correlation Coeff=0.999966

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	-0.01	0.01	336.21	0.00
std2	5.00	5.12	0.12	39178.57	2.34
std3	50.00	51.04	1.04	386831.75	2.07
std4	250.00	245.23	4.77	1857053.04	1.91

Dilution Corrected Concentrations

std1 2 08/12/2004 10:32:42 AM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:34:28	99.010%	0.005	-0.246	0.104	0.000	-4.469	0.430	0.169	-0.032	0.000
2	10:36:13	100.482%	-0.012	-0.050	0.072	0.000	-5.287	0.694	0.113	-0.066	0.000
3	10:37:58	100.509%	0.005	0.133	-0.354	0.000	-4.708	0.022	-0.046	-0.062	0.000
x		100.000%	-0.001	-0.054	-0.060	0.000	-4.821	0.382	0.078	-0.053	0.000
σ		0.858%	0.010	0.190	0.256	0.000	0.421	0.338	0.112	0.019	0.000
%RSD		0.858	1324.000	350.400	429.200	0.000	8.726	88.570	142.200	35.590	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	55Mn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:34:28	0.034	-12.750	-21.900	99.371%	-0.102	-0.064	-0.004	-2.189	1437.000	-0.006
2	10:36:13	-0.078	-14.430	-23.610	99.930%	0.051	-0.043	0.000	-0.689	1508.000	-0.013
3	10:37:58	-0.015	-10.840	-21.550	100.699%	-0.014	0.384	0.002	1.475	1539.000	-0.002
x		-0.020	-12.670	-22.350	100.000%	-0.022	0.092	-0.001	-0.468	1494.000	-0.007
σ		0.056	1.800	1.103	0.667%	0.077	0.253	0.003	1.842	52.240	0.006
%RSD		283.000	14.200	4.934	0.667	351.500	274.500	533.300	393.700	3.496	79.880

Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn	68Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:34:28	-1.486	-0.539	0.005	0.002	0.004	0.555	0.132	-0.083	-2.104	-0.059

1091

2	10:36:13	-1.398	-0.439	-0.003	-0.007	0.012	0.489	0.156	-0.134	-1.762	-0.159
3	10:37:58	-1.082	-0.645	-0.003	0.001	-0.029	0.695	0.311	-0.136	-1.550	-0.104
x		-1.322	-0.541	-0.000	-0.002	-0.005	0.580	0.200	-0.118	-1.805	-0.107
σ		0.213	0.103	0.005	0.005	0.022	0.105	0.097	0.030	0.280	0.050
%RSD		16.090	19.040	1431.000	340.400	461.600	18.130	48.700	25.280	15.490	46.420

Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo	97Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:34:28	-0.092	-0.149	0.711	0.000	0.000	0.188	-0.001	99.246%	0.011	-0.001
2	10:36:13	0.003	-0.317	-0.151	0.000	0.000	-0.199	-0.001	100.544%	-0.003	0.000
3	10:37:58	-0.132	0.363	-0.426	0.000	0.000	0.021	-0.005	100.210%	0.004	-0.004
x		-0.074	-0.034	0.045	0.000	0.000	0.003	-0.002	100.000%	0.004	-0.002
σ		0.069	0.354	0.593	0.000	0.000	0.194	0.003	0.674%	0.007	0.002
%RSD		93.740	1037.000	1325.000	0.000	0.000	5764.000	113.300	0.674	170.900	136.900

Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	109Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:34:28	0.004	92.057%	-52.200	0.762	2.860	2.753	1.132	-0.006	-0.006	1.813
2	10:36:13	-0.002	102.806%	5.507	0.020	0.400	2.672	1.333	0.019	0.019	1.733
3	10:37:58	-0.004	105.137%	-5.692	-0.722	-0.063	2.422	1.367	-0.013	-0.013	1.494
x		-0.001	100.000%	-17.460	0.020	1.066	2.616	1.277	-0.000	-0.000	1.680
σ		0.004	6.977%	30.600	0.742	1.571	0.173	0.127	0.017	0.017	0.166
%RSD		524.800	6.977	175.200	3697.000	147.400	6.603	9.920	46470.000	46470.000	9.875

Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:34:28	0.006	0.091	0.042	96.815%	0.022	0.711	0.573	0.009	99.420%	99.399%
2	10:36:13	0.002	-0.108	-0.103	100.763%	-0.031	0.125	0.037	-0.012	100.101%	100.134%
3	10:37:58	-0.006	-0.139	-0.133	102.422%	-0.062	-0.081	-0.130	0.001	100.479%	100.467%
x		0.001	-0.052	-0.065	100.000%	-0.024	0.252	0.160	-0.001	100.000%	100.000%
σ		0.006	0.125	0.094	2.880%	0.042	0.411	0.367	0.010	0.536%	0.546%
%RSD		1027.000	241.300	145.200	2.880	177.600	163.300	229.500	1117.000	0.536	0.546

Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:34:28	M 320.400	0.754	0.857	0.006	-0.025	-0.004	99.806%	0.000	0.000
2	10:36:13	50.410	0.168	0.268	-0.012	-0.031	-0.016	99.899%	0.000	0.000
3	10:37:58	-18.490	-0.029	0.100	-0.014	-0.045	-0.021	100.295%	0.000	0.000
x		M 117.400	0.298	0.408	-0.007	-0.034	-0.013	100.000%	0.000	0.000
σ		M 179.100	0.407	0.398	0.011	0.010	0.009	0.260%	0.000	0.000
%RSD		M 152.500	136.800	97.400	164.700	30.650	65.970	0.260	0.000	0.000

std2 08/12/2004 10:40:11 AM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:41:56	100.239%	4.900	5.389	4.925	0.000	6.032	5.296	4.910	5.511	0.000
2	10:43:41	99.255%	4.875	4.766	5.265	0.000	6.369	4.922	5.302	5.622	0.000
3	10:45:27	99.702%	5.145	5.525	4.890	0.000	6.358	4.983	4.755	5.487	0.000
x		99.732%	4.974	5.227	5.026	0.000	6.253	5.067	4.989	5.540	0.000
σ		0.492%	0.149	0.405	0.207	0.000	0.192	0.201	0.282	0.072	0.000
%RSD		0.494	3.000	7.748	4.119	0.000	3.068	3.958	5.649	1.303	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	55Mn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:41:56	6.000	27.210	17.470	100.171%	5.149	4.342	5.259	2.532	1544.000	5.146
2	10:43:41	6.710	35.750	15.680	100.986%	5.271	5.393	5.159	5.695	1572.000	5.090
3	10:45:27	5.871	32.790	15.620	101.683%	4.618	4.616	5.154	4.155	1599.000	5.122
x		6.193	31.920	16.260	100.947%	5.012	4.784	5.191	4.127	1572.000	5.119
σ		0.452	4.338	1.053	0.756%	0.347	0.545	0.059	1.582	27.340	0.028
%RSD		7.294	13.590	6.478	0.749	6.927	11.400	1.145	38.330	1.739	0.545

Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn	68Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:41:56	5.013	5.107	5.047	5.130	5.242	4.993	4.633	7.554	6.196	7.626
2	10:43:41	5.174	5.194	4.955	5.052	5.053	4.952	4.770	7.496	5.898	7.701
3	10:45:27	5.019	5.222	5.018	5.134	5.037	4.960	4.822	7.298	5.937	7.236
x		5.069	5.175	5.007	5.105	5.110	4.968	4.742	7.450	6.010	7.521

σ		0.091	0.060	0.047	0.047	0.114	0.022	0.098	0.135	0.162	0.250
%RSD		1.803	1.159	0.933	0.914	2.230	0.433	2.059	1.805	2.690	3.317
Run	Time	75As	77Se	78Se	79Br	81Br82	Se	88Sr	89Y	95Mo	97Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:41:56	5.382	3.645	5.007	0.000	0.000	5.212	5.220	100.392%	4.980	5.010
2	10:43:41	4.885	5.086	5.286	0.000	0.000	4.625	5.229	100.987%	4.947	5.002
3	10:45:27	5.175	4.711	4.566	0.000	0.000	4.801	5.269	101.653%	4.973	5.010
x		5.147	4.481	4.953	0.000	0.000	4.879	5.239	101.011%	4.967	5.008
σ		0.250	0.748	0.363	0.000	0.000	0.301	0.026	0.631%	0.018	0.005
%RSD		4.857	16.690	7.325	0.000	0.000	6.171	0.500	0.625	0.359	0.096
Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	109Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:41:56	5.071	95.188%	-0.947	4.927	5.685	4.743	1.281	4.437	4.437	3.729
2	10:43:41	5.148	104.969%	87.930	5.397	3.628	4.824	1.515	5.319	5.319	4.005
3	10:45:27	5.186	106.422%	17.830	4.790	4.949	4.823	1.401	5.166	5.166	3.851
x		5.135	102.193%	34.940	5.038	4.754	4.796	1.399	4.974	4.974	3.862
σ		0.059	6.110%	46.840	0.318	1.042	0.047	0.117	0.471	0.471	0.139
%RSD		1.144	5.979	134.100	6.317	21.920	0.970	8.370	9.473	9.473	3.593
Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:41:56	4.986	5.147	5.055	98.006%	5.071	4.938	5.022	5.311	99.445%	99.092%
2	10:43:41	4.930	4.822	4.888	102.307%	5.010	4.960	4.984	4.997	100.969%	100.806%
3	10:45:27	4.879	5.036	5.011	104.758%	4.988	4.795	4.817	5.054	100.756%	101.126%
x		4.932	5.001	4.985	101.690%	5.023	4.898	4.941	5.121	100.390%	100.341%
σ		0.053	0.165	0.087	3.418%	0.043	0.089	0.109	0.167	0.826%	1.093%
%RSD		1.082	3.305	1.736	3.361	0.855	1.824	2.208	3.265	0.822	1.090
Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	10:41:56	-15.520	4.958	5.006	5.005	5.023	5.084	99.804%	0.000	0.000	
2	10:43:41	-20.010	4.964	4.997	5.074	5.033	5.113	100.619%	0.000	0.000	
3	10:45:27	-220.400	5.030	4.972	5.236	5.016	5.154	100.774%	0.000	0.000	
x		-85.290	4.984	4.992	5.105	5.024	5.117	100.399%	0.000	0.000	
σ		117.000	0.040	0.017	0.119	0.009	0.035	0.521%	0.000	0.000	
%RSD		137.200	0.808	0.349	2.326	0.173	0.685	0.519	0.000	0.000	

std3 08/12/2004 10:47:39 AM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:49:24	99.477%	50.600	49.040	49.300	0.000	49.500	49.450	49.420	51.590	0.000
2	10:51:09	98.916%	51.010	51.010	50.590	0.000	50.190	48.290	50.140	51.730	0.000
3	10:52:55	99.471%	50.550	50.550	51.440	0.000	49.230	48.740	49.370	51.980	0.000
x		99.288%	50.720	50.200	50.440	0.000	49.640	48.830	49.640	51.770	0.000
σ		0.322%	0.254	1.028	1.076	0.000	0.491	0.582	0.435	0.196	0.000
%RSD		0.324	0.501	2.048	2.134	0.000	0.990	1.193	0.876	0.379	0.000
Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	55Mn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:49:24	49.290	82.550	53.710	100.059%	50.480	49.400	50.570	50.630	1589.000	51.000
2	10:51:09	51.580	90.550	51.300	99.713%	50.040	49.720	50.680	50.010	1653.000	51.210
3	10:52:55	50.680	72.970	50.750	100.039%	50.170	50.310	51.010	49.740	1652.000	51.040
x		50.520	82.030	51.920	99.937%	50.230	49.810	50.750	50.130	1631.000	51.080
σ		1.155	8.802	1.573	0.194%	0.226	0.457	0.229	0.460	36.720	0.111
%RSD		2.287	10.730	3.030	0.194	0.451	0.918	0.452	0.917	2.251	0.217
Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn	68Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:49:24	51.060	51.450	50.640	50.280	52.160	50.030	50.570	50.060	49.030	51.310
2	10:51:09	51.470	50.140	50.340	50.130	50.530	50.000	50.480	50.230	48.730	50.510
3	10:52:55	51.120	50.920	50.350	50.060	51.520	49.990	50.120	49.720	48.510	50.650
x		51.220	50.840	50.440	50.160	51.410	50.010	50.390	50.000	48.760	50.820
σ		0.221	0.655	0.173	0.113	0.821	0.019	0.239	0.256	0.259	0.428
%RSD		0.432	1.289	0.343	0.225	1.598	0.037	0.474	0.512	0.532	0.842
Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo	97Mo

Run	Time		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:49:24		50.410	50.860	51.100	0.000	0.000	51.620	50.570	99.746%	50.160	48.960
2	10:51:09		50.320	49.910	49.240	0.000	0.000	50.390	49.780	100.255%	50.120	48.260
3	10:52:55		50.150	51.200	50.390	0.000	0.000	50.360	50.070	100.616%	50.030	47.990
x			50.290	50.660	50.250	0.000	0.000	50.790	50.140	100.205%	50.100	48.400
σ			0.134	0.668	0.937	0.000	0.000	0.720	0.399	0.437%	0.068	0.501
%RSD			0.266	1.320	1.865	0.000	0.000	1.417	0.795	0.436	0.135	1.034
Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	109Ag	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	10:49:24	50.710	95.761%	79.500	48.740	48.280	51.170	1.816	50.940	50.940	49.590	
2	10:51:09	50.490	104.447%	14.390	49.440	50.710	51.310	1.715	52.140	52.140	49.670	
3	10:52:55	50.310	105.016%	88.480	50.550	49.820	52.140	1.539	49.090	49.090	50.050	
x		50.510	101.741%	60.790	49.580	49.600	51.540	1.690	50.720	50.720	49.770	
σ		0.203	5.187%	40.430	0.915	1.230	0.524	0.140	1.536	1.536	0.244	
%RSD		0.401	5.098	66.520	1.847	2.480	1.017	8.304	3.028	3.028	0.490	
Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb	165Ho	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	10:49:24	50.680	50.750	50.850	98.125%	49.840	50.340	50.510	50.220	99.600%	99.462%	
2	10:51:09	50.370	50.710	50.790	103.075%	50.430	50.170	50.120	49.960	100.446%	100.350%	
3	10:52:55	50.270	51.600	51.320	103.702%	50.030	50.480	50.100	50.260	100.384%	100.768%	
x		50.440	51.020	50.990	101.634%	50.100	50.330	50.240	50.140	100.143%	100.193%	
σ		0.214	0.500	0.291	3.055%	0.304	0.155	0.231	0.163	0.472%	0.667%	
%RSD		0.425	0.981	0.570	3.006	0.606	0.308	0.460	0.325	0.471	0.666	
Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U		
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb		
1	10:49:24	51.970	52.050	50.950	50.950	50.530	51.150	99.682%	0.000	0.000		
2	10:51:09	M381.600	51.420	50.680	50.920	50.130	50.980	100.446%	0.000	0.000		
3	10:52:55	M645.000	51.310	50.670	50.720	50.200	50.970	100.751%	0.000	0.000		
x		M359.500	51.590	50.770	50.860	50.290	51.040	100.293%	0.000	0.000		
σ		M297.100	0.402	0.158	0.122	0.210	0.102	0.551%	0.000	0.000		
%RSD		M82.650	0.779	0.311	0.239	0.417	0.201	0.549	0.000	0.000		

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User Pre-dilution: 1.00

Run	Time		6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
			ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:56:53		98.515%	244.700	243.400	246.000	0.000	247.900	247.200	248.200	246.700	0.000
2	10:58:38		97.536%	242.300	M254.100	249.600	0.000	248.600	249.200	247.800	248.900	0.000
3	11:00:23		96.659%	245.400	246.500	M252.000	0.000	248.900	248.600	249.000	248.500	0.000
x			97.570%	244.100	M248.000	M249.200	0.000	248.500	248.300	248.400	248.000	0.000
σ			0.928%	1.632	M5.506	M3.034	0.000	0.530	1.029	0.612	1.194	0.000
%RSD			0.951	0.668	M2.220	M1.218	0.000	0.213	0.414	0.247	0.481	0.000
Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	55Mn	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	10:56:53	250.500	448.600	341.900	98.559%	245.500	249.100	245.900	248.500	2693.000	245.800	
2	10:58:38	250.200	444.400	349.000	98.121%	247.900	M252.600	246.000	M251.900	2824.000	244.900	
3	11:00:23	249.400	430.400	345.400	98.423%	243.600	M250.200	244.100	248.200	2891.000	245.100	
x		250.000	441.100	345.400	98.368%	245.600	M250.600	245.300	M249.500	2803.000	245.300	
σ		0.545	9.488	3.532	0.224%	2.196	M1.785	1.090	M2.012	100.500	0.479	
%RSD		0.218	2.151	1.022	0.227	0.894	M0.712	0.444	M0.806	3.587	0.195	
Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn	68Zn	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	10:56:53	247.200	253.100	243.900	244.500	M250.000	244.000	248.400	244.800	M250.700	247.600	
2	10:58:38	246.700	250.400	242.500	242.300	246.500	244.200	246.100	245.500	M251.400	249.500	
3	11:00:23	245.300	250.400	240.700	241.700	248.000	241.100	244.100	242.700	M252.000	248.100	
x		246.400	251.300	242.400	242.800	M248.200	243.100	246.200	244.300	M251.300	248.400	
σ		0.962	1.561	1.592	1.448	M1.769	1.717	2.142	1.445	M0.678	0.975	
%RSD		0.390	0.621	0.657	0.597	M0.713	0.706	0.870	0.591	M0.270	0.392	
Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo	97Mo	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	10:56:53	248.200	M251.100	M251.200	0.000	0.000	M250.200	245.200	99.398%	248.900	241.400	
2	10:58:38	247.800	246.000	249.100	0.000	0.000	M250.100	244.000	99.681%	247.100	241.100	

3	11:00:23	246.600	247.200	249.600	0.000	0.000	247.100	243.400	99.466%	247.500	238.900
x		247.500	M 248.100	M 249.900	0.000	0.000	M 249.200	244.200	99.515%	247.800	240.400
σ		0.860	M 2.630	M 1.082	0.000	0.000	M 1.749	0.900	0.148%	0.970	1.342
%RSD		0.347	M 1.060	M 0.433	0.000	0.000	M 0.702	0.368	0.149	0.392	0.558

Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	109Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:56:53	249.500	96.255%	M 251.200	250.000	249.400	M 253.800	2.403	246.600	246.600	M 250.300
2	10:58:38	248.400	104.077%	178.100	248.500	249.800	M 255.200	2.534	249.700	249.700	M 250.800
3	11:00:23	248.400	103.748%	M 302.200	M 252.900	M 251.000	M 259.200	2.682	M 252.300	M 252.300	M 251.700
x		248.800	101.360%	M 243.800	M 250.500	M 250.000	M 256.100	2.539	M 249.500	M 249.500	M 250.900
σ		0.613	4.424%	M 62.390	M 2.262	M 0.826	M 2.829	0.140	M 2.863	M 2.864	M 0.690
%RSD		0.246	4.365	M 25.590	M 0.903	M 0.330	M 1.105	5.500	M 1.148	M 1.148	M 0.275

Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:56:53	248.400	249.600	249.300	97.739%	M 250.300	248.300	M 250.000	246.600	99.717%	99.636%
2	10:58:38	245.500	249.300	249.200	102.577%	246.800	246.600	247.600	245.700	100.270%	100.619%
3	11:00:23	246.500	M 250.400	248.100	103.237%	246.500	246.300	247.600	242.700	100.255%	100.603%
x		246.800	M 249.700	248.900	101.184%	M 247.900	247.100	M 248.400	245.000	100.081%	100.286%
σ		1.482	M 0.556	0.699	3.002%	M 2.121	1.081	M 1.397	2.067	0.315%	0.563%
%RSD		0.600	M 0.223	0.281	2.967	M 0.856	0.437	M 0.563	0.844	0.315	0.562

Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:56:53	M 449.900	248.800	243.300	246.000	244.900	245.500	100.392%	0.000	0.000
2	10:58:38	45.970	249.700	243.800	244.800	243.200	244.700	100.798%	0.000	0.000
3	11:00:23	182.100	249.800	245.300	245.600	244.200	245.500	100.264%	0.000	0.000
x		M 226.000	249.400	244.100	245.500	244.100	245.200	100.485%	0.000	0.000
σ		M 205.500	0.561	1.021	0.617	0.878	0.470	0.279%	0.000	0.000
%RSD		M 90.940	0.225	0.418	0.251	0.360	0.192	0.278	0.000	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:04:21	91.782%	0.002	7.600	7.045	0.000	M 10230.000	M 10200.000	M 10210.000	9882.000	0.000
2	11:06:07	92.153%	0.012	4.640	4.003	0.000	M 10320.000	M 10310.000	M 10300.000	9913.000	0.000
3	11:07:52	93.142%	0.051	3.103	3.123	0.000	M 10270.000	M 10200.000	M 10240.000	9919.000	0.000
x		92.359%	0.021	5.114	4.724	0.000	M 10270.000	M 10240.000	M 10250.000	9905.000	0.000
σ		0.703%	0.026	2.286	2.058	0.000	M 46.590	M 64.970	M 46.010	19.640	0.000
%RSD		0.761	120.400	44.700	43.570	0.000	M 0.454	M 0.635	M 0.449	0.198	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	55Mn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:04:21	9978.000	9755.000	9751.000	95.672%	0.013	-0.422	0.487	-0.335	1653.000	0.146
2	11:06:07	M 10040.000	9761.000	9720.000	96.668%	0.038	-0.452	0.503	-0.360	1585.000	0.146
3	11:07:52	9955.000	9635.000	9676.000	97.776%	0.075	-0.721	0.471	-2.419	1546.000	0.195
x		M 9989.000	9717.000	9716.000	96.705%	0.042	-0.532	0.487	-1.038	1594.000	0.162
σ		M 41.410	71.200	37.690	1.052%	0.031	0.165	0.016	1.196	54.280	0.028
%RSD		M 0.415	0.733	0.388	1.088	74.160	30.950	3.327	115.200	3.405	17.520

Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn	68Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:04:21	9951.000	9927.000	-0.014	0.072	0.054	1.851	1.577	0.145	-0.178	0.197
2	11:06:07	9927.000	9865.000	-0.005	0.110	0.081	1.774	1.542	0.105	-0.391	0.223
3	11:07:52	9849.000	9824.000	0.028	0.141	0.120	1.969	1.790	0.210	-0.978	0.192
x		9909.000	9872.000	0.003	0.107	0.085	1.864	1.636	0.154	-0.515	0.204
σ		53.380	51.930	0.022	0.035	0.033	0.098	0.134	0.053	0.414	0.016
%RSD		0.539	0.526	693.800	32.190	39.050	5.265	8.206	34.480	80.340	8.046

Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo	97Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:04:21	-0.256	1.099	0.514	0.000	0.000	0.102	0.287	96.906%	3.730	3.405
2	11:06:07	-0.019	0.870	-0.048	0.000	0.000	0.154	0.306	98.633%	1.684	1.520
3	11:07:52	-0.092	1.250	-0.045	0.000	0.000	0.257	0.317	98.486%	1.193	1.097
x		-0.122	1.073	0.141	0.000	0.000	0.171	0.303	98.008%	2.202	2.007
σ		0.121	0.191	0.324	0.000	0.000	0.078	0.016	0.957%	1.346	1.229

%RSD		99.380	17.840	230.400	0.000	0.000	45.850	5.114	0.977	61.100	61.210
Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	109Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:04:21	3.586	93.221%	-34.640	0.013	1.558	1.575	1.252	0.189	0.189	0.644
2	11:06:07	1.653	100.958%	24.220	0.614	0.537	1.713	1.328	0.141	0.141	0.735
3	11:07:52	1.145	101.391%	-11.600	0.479	1.382	1.650	1.254	0.019	0.019	0.722
x		2.128	98.523%	-7.342	0.369	1.159	1.646	1.278	0.116	0.116	0.700
σ		1.288	4.597%	29.660	0.315	0.546	0.069	0.043	0.088	0.088	0.049
%RSD		60.520	4.666	404.000	85.530	47.080	4.186	3.373	75.430	75.430	7.014

Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:04:21	0.036	0.028	0.003	94.791%	0.172	0.508	0.319	0.025	97.759%	98.224%
2	11:06:07	0.034	-0.052	-0.039	101.183%	0.090	0.042	-0.046	0.061	98.944%	99.161%
3	11:07:52	0.077	0.047	0.046	101.799%	0.114	-0.121	-0.211	0.097	99.493%	99.764%
x		0.049	0.008	0.003	99.258%	0.125	0.143	0.021	0.061	98.732%	99.050%
σ		0.024	0.052	0.042	3.881%	0.042	0.326	0.271	0.036	0.886%	0.776%
%RSD		49.150	671.800	1213.000	3.910	33.590	228.100	1319.000	58.770	0.898	0.784

Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:04:21	M 415.000	0.593	0.706	0.015	-0.018	0.005	96.425%	0.000	0.000
2	11:06:07	62.060	0.095	0.239	0.042	-0.005	0.024	97.563%	0.000	0.000
3	11:07:52	129.000	-0.042	0.118	0.066	0.019	0.048	97.753%	0.000	0.000
x		M 202.000	0.215	0.354	0.041	-0.001	0.026	97.247%	0.000	0.000
σ		M 187.500	0.334	0.310	0.026	0.019	0.022	0.718%	0.000	0.000
%RSD		M 92.790	155.400	87.570	62.990	1423.000	84.890	0.738	0.000	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:11:50	92.100%	126.100	134.400	138.700	0.000	5287.000	5236.000	5230.000	5161.000	0.000
2	11:13:35	92.006%	125.400	140.300	141.200	0.000	5311.000	5255.000	5223.000	5175.000	0.000
3	11:15:20	91.312%	125.700	141.200	141.800	0.000	5300.000	5264.000	5270.000	5220.000	0.000
x		91.806%	125.700	138.600	140.600	0.000	5299.000	5252.000	5241.000	5185.000	0.000
σ		0.430%	0.332	3.673	1.652	0.000	12.070	14.250	24.920	30.720	0.000
%RSD		0.469	0.264	2.649	1.175	0.000	0.228	0.271	0.475	0.592	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	55Mn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:11:50	5159.000	5089.000	5157.000	95.701%	125.000	121.900	124.200	125.000	1536.000	125.000
2	11:13:35	5153.000	5155.000	5104.000	96.724%	123.100	122.000	122.900	126.700	1560.000	123.800
3	11:15:20	5195.000	5233.000	5166.000	96.067%	122.700	122.500	123.600	125.000	1596.000	123.600
x		5169.000	5159.000	5142.000	96.164%	123.600	122.100	123.500	125.600	1564.000	124.200
σ		22.550	72.080	33.270	0.519%	1.227	0.351	0.634	0.996	29.970	0.745
%RSD		0.436	1.397	0.647	0.539	0.993	0.288	0.513	0.794	1.916	0.600

Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn	68Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:11:50	5102.000	5177.000	123.200	122.300	124.700	126.100	126.800	125.200	122.400	126.000
2	11:13:35	5044.000	5109.000	121.800	120.500	124.000	123.900	125.900	123.300	121.300	123.900
3	11:15:20	5070.000	5128.000	122.000	121.300	121.700	124.400	125.500	122.300	121.900	124.600
x		5072.000	5138.000	122.300	121.300	123.400	124.800	126.100	123.600	121.900	124.800
σ		28.620	34.810	0.741	0.900	1.569	1.177	0.646	1.469	0.537	1.089
%RSD		0.564	0.677	0.606	0.742	1.271	0.943	0.512	1.188	0.440	0.872

Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo	97Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:11:50	125.300	123.100	129.200	0.000	0.000	124.400	124.700	97.097%	124.300	120.000
2	11:13:35	124.100	121.600	127.800	0.000	0.000	125.700	122.700	98.602%	124.100	120.300
3	11:15:20	125.800	117.900	125.600	0.000	0.000	125.400	123.400	98.214%	124.100	120.200
x		125.100	120.900	127.500	0.000	0.000	125.200	123.600	97.971%	124.200	120.200
σ		0.843	2.711	1.804	0.000	0.000	0.685	0.987	0.781%	0.140	0.150
%RSD		0.674	2.243	1.415	0.000	0.000	0.547	0.799	0.797	0.113	0.125

Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	109Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:11:50	126.100	94.544%	164.000	118.900	117.700	121.100	2.230	121.100	121.100	119.300
2	11:13:35	126.000	101.399%	192.500	126.800	125.000	123.400	1.975	125.000	125.000	120.300
3	11:15:20	126.400	101.952%	121.300	123.800	123.800	124.700	2.053	124.900	124.900	120.700
x		126.200	99.299%	159.300	123.200	122.200	123.100	2.086	123.700	123.700	120.100
σ		0.174	4.127%	35.830	4.008	3.928	1.830	0.131	2.236	2.236	0.704
%RSD		0.138	4.156	22.500	3.255	3.215	1.487	6.265	1.807	1.808	0.586

Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:11:50	123.000	124.000	123.500	96.028%	124.900	127.700	129.100	125.200	97.869%	98.303%
2	11:13:35	124.100	125.600	124.500	101.314%	123.900	127.100	127.700	123.100	98.925%	99.650%
3	11:15:20	123.300	125.900	124.000	101.869%	123.200	127.200	126.900	122.500	99.300%	99.787%
x		123.400	125.200	124.000	99.737%	124.000	127.400	127.900	123.600	98.698%	99.247%
σ		0.548	1.032	0.512	3.224%	0.845	0.346	1.125	1.442	0.742%	0.820%
%RSD		0.444	0.824	0.413	3.232	0.681	0.272	0.880	1.166	0.752	0.826

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:11:50	M 615.500	125.300	122.700	124.300	123.100	124.800	97.195%	0.000	0.000	
2	11:13:35	196.700	126.200	123.500	124.400	123.300	124.700	97.884%	0.000	0.000	
3	11:15:20	M 467.900	126.000	123.500	123.900	123.500	124.800	98.118%	0.000	0.000	
x		M 426.700	125.800	123.200	124.200	123.300	124.800	97.732%	0.000	0.000	
σ		M 212.400	0.447	0.473	0.283	0.177	0.060	0.480%	0.000	0.000	
%RSD		M 49.770	0.355	0.384	0.228	0.143	0.048	0.491	0.000	0.000	

icb 08/12/2004 11:26:27 AM

User Pre-dilution: 1.00

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	55Mn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:28:12	94.708%	0.039	0.781	0.509	0.000	-2.018	10.780	10.300	1.440	0.000
2	11:29:58	96.163%	0.007	0.253	0.411	0.000	-2.282	10.960	10.180	1.504	0.000
3	11:31:44	95.730%	0.014	0.129	0.212	0.000	-2.418	11.260	10.250	1.543	0.000
x		95.534%	0.020	0.388	0.378	0.000	-2.239	11.000	10.240	1.496	0.000
σ		0.747%	0.017	0.346	0.151	0.000	0.203	0.243	0.063	0.052	0.000
%RSD		0.782	86.110	89.320	40.080	0.000	9.086	2.214	0.612	3.487	0.000

Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn	68Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:28:12	2.262	-8.515	-25.650	96.692%	-0.042	-0.645	0.086	-2.571	1627.000	0.148
2	11:29:58	1.370	-13.030	-24.790	98.078%	-0.011	-0.512	0.102	-1.817	1706.000	0.140
3	11:31:44	1.948	-11.700	-24.440	98.497%	0.008	-0.813	0.108	-1.489	1738.000	0.171
x		1.860	-11.080	-24.960	97.756%	-0.015	-0.657	0.099	-1.959	1690.000	0.153
σ		0.452	2.320	0.621	0.944%	0.025	0.151	0.012	0.555	56.730	0.016
%RSD		24.310	20.940	2.488	0.966	172.800	22.930	11.720	28.320	3.356	10.410

Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo	97Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:28:12	2.571	1.245	0.027	0.042	0.029	2.974	2.706	-0.008	-0.932	0.063
2	11:29:58	3.190	0.287	0.038	0.048	-0.005	3.005	2.644	0.098	-0.233	0.071
3	11:31:44	3.513	0.742	0.036	0.043	-0.046	2.949	2.636	0.065	-0.426	0.085
x		3.091	0.758	0.034	0.045	-0.007	2.976	2.662	0.052	-0.530	0.073
σ		0.479	0.479	0.006	0.003	0.038	0.028	0.038	0.054	0.361	0.011
%RSD		15.490	63.210	16.970	7.461	517.000	0.941	1.432	104.900	68.060	15.190

Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	109Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:28:12	-0.198	1.022	-0.044	0.000	0.000	0.024	0.026	98.530%	0.533	0.554
2	11:29:58	-0.095	0.972	-0.375	0.000	0.000	0.133	0.031	99.680%	0.385	0.389
3	11:31:44	-0.139	1.189	-0.496	0.000	0.000	0.178	0.031	99.992%	0.300	0.326
x		-0.144	1.061	-0.305	0.000	0.000	0.112	0.029	99.401%	0.406	0.423
σ		0.052	0.114	0.234	0.000	0.000	0.079	0.003	0.770%	0.118	0.118
%RSD		35.790	10.720	76.700	0.000	0.000	70.830	9.758	0.774	29.020	27.920

Run	Time	109Ag
		ppb
1	11:28:12	0.499
2	11:29:58	0.386
3	11:31:44	0.311

		92.315%	56.020	-0.183	-1.085	1.066	1.427	-0.039	-0.039	0.190
		103.012%	-54.240	0.359	2.394	1.120	1.182	0.018	0.018	0.217
		104.029%	60.800	0.260	-0.844	1.112	1.431	0.106	0.106	0.203

x		0.399	99.785%	20.860	0.145	0.155	1.099	1.347	0.028	0.028	0.203
σ		0.094	6.489%	65.080	0.288	1.943	0.029	0.143	0.073	0.073	0.014
%RSD		23.670	6.503	312.000	198.500	1253.000	2.672	10.610	255.900	255.900	6.673
Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:28:12	0.022	-0.151	-0.117	95.568%	0.045	-0.371	-0.482	0.018	98.465%	98.571%
2	11:29:58	0.030	0.052	0.020	101.528%	0.056	-0.405	-0.508	0.034	99.399%	99.448%
3	11:31:44	0.046	-0.138	-0.133	103.328%	0.045	-0.420	-0.527	0.033	99.914%	100.127%
x		0.032	-0.079	-0.076	100.142%	0.049	-0.399	-0.506	0.028	99.260%	99.382%
σ		0.012	0.113	0.084	4.062%	0.006	0.025	0.023	0.009	0.735%	0.780%
%RSD		37.580	143.300	109.900	4.056	12.190	6.261	4.462	31.230	0.740	0.785

Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:28:12	-5.136	-0.032	0.070	0.027	-0.017	0.012	97.346%	0.000	0.000
2	11:29:58	-79.270	-0.127	-0.018	0.026	-0.004	0.015	98.714%	0.000	0.000
3	11:31:44	-80.230	-0.177	-0.052	0.025	-0.023	0.008	98.864%	0.000	0.000
x		-54.880	-0.112	0.000	0.026	-0.015	0.012	98.308%	0.000	0.000
σ		43.080	0.074	0.063	0.001	0.010	0.004	0.837%	0.000	0.000
%RSD		78.500	65.650	120200.000	4.152	68.940	30.890	0.851	0.000	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:36:02	91.324%	125.000	139.500	138.200	0.000	5280.000	5200.000	5191.000	5153.000	0.000
2	11:37:48	91.294%	125.300	142.400	140.500	0.000	5303.000	5050.000	5218.000	5202.000	0.000
3	11:39:34	90.468%	125.900	141.300	141.700	0.000	5346.000	5301.000	5273.000	5246.000	0.000
x		91.029%	125.400	141.100	140.200	0.000	5310.000	5184.000	5227.000	5201.000	0.000
σ		0.486%	0.495	1.507	1.766	0.000	33.530	125.800	42.160	46.250	0.000
%RSD		0.534	0.395	1.068	1.260	0.000	0.631	2.427	0.806	0.889	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	55Mn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:36:02	5122.000	5173.000	5139.000	95.528%	125.100	121.500	124.100	123.800	1595.000	124.800
2	11:37:48	5170.000	5120.000	5117.000	97.018%	124.100	120.500	122.600	121.100	1622.000	123.300
3	11:39:34	5206.000	5243.000	5175.000	96.180%	124.200	122.600	123.800	125.200	1620.000	124.000
x		5166.000	5179.000	5144.000	96.242%	124.500	121.500	123.500	123.400	1612.000	124.100
σ		42.120	61.680	29.090	0.747%	0.555	1.053	0.798	2.067	15.160	0.754
%RSD		0.815	1.191	0.566	0.776	0.446	0.867	0.646	1.676	0.941	0.608

Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn	68Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:36:02	5061.000	5152.000	123.700	122.800	121.800	123.700	125.500	123.300	122.700	124.800
2	11:37:48	5021.000	5104.000	121.400	120.900	123.900	122.600	124.200	123.700	121.100	123.900
3	11:39:34	5090.000	5136.000	123.100	121.000	125.200	124.600	125.500	123.900	122.100	124.300
x		5057.000	5131.000	122.800	121.600	123.600	123.600	125.100	123.600	122.000	124.300
σ		34.870	24.800	1.180	1.074	1.726	0.994	0.746	0.319	0.823	0.498
%RSD		0.690	0.483	0.961	0.883	1.396	0.804	0.596	0.258	0.675	0.400

Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo	97Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:36:02	127.900	118.900	130.100	0.000	0.000	126.200	124.200	96.676%	123.700	120.300
2	11:37:48	125.200	120.200	129.500	0.000	0.000	125.200	122.600	98.878%	124.000	120.500
3	11:39:34	125.900	123.000	124.700	0.000	0.000	127.100	123.500	98.150%	124.700	121.100
x		126.300	120.700	128.100	0.000	0.000	126.200	123.400	97.901%	124.100	120.600
σ		1.410	2.130	2.989	0.000	0.000	0.923	0.796	1.122%	0.494	0.394
%RSD		1.116	1.765	2.334	0.000	0.000	0.732	0.645	1.146	0.398	0.326

Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	109Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:36:02	126.000	91.662%	142.100	119.300	118.800	121.400	2.430	124.500	124.500	119.500
2	11:37:48	125.900	101.282%	100.400	120.900	121.400	121.700	2.129	123.800	123.800	118.900
3	11:39:34	126.600	101.290%	201.400	129.500	127.500	122.700	2.033	128.000	128.000	119.800
x		126.200	98.078%	148.000	123.200	122.600	121.900	2.197	125.400	125.400	119.400
σ		0.384	5.557%	50.750	5.476	4.479	0.695	0.207	2.274	2.274	0.473
%RSD		0.304	5.666	34.300	4.443	3.654	0.570	9.420	1.813	1.813	0.396

Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:36:02	124.100	125.000	124.800	93.868%	125.300	129.700	129.200	125.800	97.868%	97.874%
2	11:37:48	122.100	123.900	123.400	100.462%	124.100	127.700	127.500	122.700	99.257%	99.571%
3	11:39:34	123.600	125.200	124.000	101.964%	123.600	127.200	126.900	122.300	99.135%	99.792%
x		123.300	124.700	124.100	98.765%	124.300	128.200	127.900	123.600	98.753%	99.079%
σ		1.074	0.707	0.696	4.306%	0.851	1.315	1.200	1.941	0.769%	1.049%
%RSD		0.872	0.567	0.561	4.360	0.685	1.026	0.938	1.570	0.779	1.059

Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:36:02	133.100	124.800	121.900	124.700	123.100	124.700	97.338%	0.000	0.000
2	11:37:48	M 665.800	125.100	122.500	123.900	122.400	123.900	98.815%	0.000	0.000
3	11:39:34	-10.900	125.700	122.900	123.200	123.700	124.300	98.520%	0.000	0.000
x		M 262.700	125.200	122.500	123.900	123.100	124.300	98.224%	0.000	0.000
σ		M 356.500	0.468	0.516	0.774	0.629	0.398	0.782%	0.000	0.000
%RSD		M 135.700	0.373	0.421	0.625	0.511	0.321	0.796	0.000	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:44:13	92.659%	-0.013	3.404	2.544	0.000	-3.296	27.200	26.660	0.633	0.000
2	11:45:59	95.022%	-0.014	1.070	1.617	0.000	-3.850	26.950	26.170	0.501	0.000
3	11:47:44	93.585%	0.004	1.004	0.791	0.000	-2.769	29.030	28.170	1.563	0.000
x		93.756%	-0.008	1.826	1.650	0.000	-3.305	27.730	27.000	0.899	0.000
σ		1.191%	0.010	1.367	0.877	0.000	0.541	1.134	1.043	0.579	0.000
%RSD		1.270	135.300	74.850	53.120	0.000	16.360	4.089	3.863	64.420	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	55Mn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:44:13	1.934	-13.990	-28.170	96.344%	-0.034	-0.705	0.017	-1.377	1637.000	0.227
2	11:45:59	1.379	-12.660	-27.580	97.519%	-0.003	-0.939	0.093	-2.558	1718.000	0.254
3	11:47:44	1.885	-11.670	-25.290	98.160%	-0.004	-0.925	0.052	-3.195	1754.000	0.248
x		1.733	-12.770	-27.010	97.341%	-0.014	-0.856	0.054	-2.377	1703.000	0.243
σ		0.307	1.160	1.519	0.921%	0.018	0.131	0.038	0.922	59.470	0.014
%RSD		17.740	9.077	5.624	0.946	128.100	15.340	70.040	38.800	3.492	5.815

Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn	68Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:44:13	0.976	1.320	0.012	-0.012	-0.041	4.627	4.369	0.655	0.319	0.597
2	11:45:59	1.276	0.127	0.006	0.011	0.027	4.781	4.546	0.599	0.267	0.655
3	11:47:44	2.519	0.007	0.025	0.030	-0.004	5.484	5.214	0.663	0.819	0.738
x		1.590	0.485	0.014	0.010	-0.006	4.964	4.710	0.639	0.469	0.663
σ		0.818	0.726	0.010	0.021	0.034	0.456	0.446	0.035	0.305	0.071
%RSD		51.450	149.900	69.390	216.200	572.800	9.194	9.460	5.497	65.070	10.740

Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo	97Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:44:13	-0.174	1.111	0.270	0.000	0.000	0.132	0.005	96.494%	2.058	1.967
2	11:45:59	-0.229	1.036	-0.286	0.000	0.000	-0.097	0.001	99.021%	0.970	0.976
3	11:47:44	-0.082	0.984	-0.516	0.000	0.000	0.162	0.021	98.990%	0.618	0.666
x		-0.162	1.043	-0.177	0.000	0.000	0.065	0.009	98.168%	1.215	1.203
σ		0.074	0.064	0.404	0.000	0.000	0.142	0.010	1.450%	0.750	0.679
%RSD		45.950	6.127	227.900	0.000	0.000	216.600	114.900	1.477	61.740	56.500

Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	109Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:44:13	2.083	91.126%	19.840	-0.126	-0.045	0.905	1.358	0.061	0.061	-0.008
2	11:45:59	0.985	102.225%	15.540	0.464	0.587	0.891	1.318	0.019	0.019	0.003
3	11:47:44	0.613	103.277%	-1.896	0.426	1.042	0.943	1.279	-0.012	-0.012	0.018
x		1.227	98.876%	11.160	0.255	0.528	0.913	1.319	0.023	0.023	0.004
σ		0.764	6.732%	11.510	0.330	0.546	0.027	0.039	0.037	0.037	0.013
%RSD		62.280	6.809	103.100	129.500	103.300	2.973	2.991	161.300	161.300	286.800

Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:44:13	-0.001	-0.105	-0.093	94.082%	0.209	-0.421	-0.506	-0.002	97.880%	97.173%

2	11:45:59	0.002	-0.097	-0.093	100.578%	0.145	-0.448	-0.546	0.017	98.415%	98.519%
3	11:47:44	0.004	-0.019	-0.046	102.554%	0.179	-0.420	-0.554	0.021	99.180%	98.838%
x		0.002	-0.073	-0.077	99.071%	0.178	-0.430	-0.535	0.012	98.492%	98.177%
σ		0.003	0.047	0.027	4.433%	0.032	0.016	0.026	0.012	0.653%	0.884%
%RSD		135.300	64.600	35.050	4.474	18.130	3.692	4.802	101.700	0.663	0.900

Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:44:13	204.000	0.882	0.998	0.030	0.002	0.019	97.118%	0.000	0.000
2	11:45:59	194.800	0.176	0.303	0.030	-0.009	0.012	98.433%	0.000	0.000
3	11:47:44	56.060	0.004	0.136	0.041	0.004	0.033	98.907%	0.000	0.000
x		151.600	0.354	0.479	0.034	-0.001	0.021	98.153%	0.000	0.000
σ		82.880	0.466	0.457	0.006	0.007	0.011	0.927%	0.000	0.000
%RSD		54.670	131.600	95.400	18.620	813.900	51.080	0.944	0.000	0.000

crl 08/12/2004 11:50:39 AM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:52:25	94.102%	0.508	4.909	4.746	0.000	290.500	289.700	286.600	50.630	0.000
2	11:54:10	94.252%	0.489	4.456	4.744	0.000	291.500	286.200	285.900	50.700	0.000
3	11:55:55	94.979%	0.540	4.905	4.321	0.000	291.500	286.800	285.700	50.350	0.000
x		94.444%	0.512	4.757	4.603	0.000	291.200	287.600	286.100	50.560	0.000
σ		0.469%	0.026	0.261	0.245	0.000	0.550	1.890	0.445	0.181	0.000
%RSD		0.497	5.111	5.478	5.322	0.000	0.189	0.657	0.156	0.358	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	55Mn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:52:25	283.200	268.800	257.800	97.214%	1.075	3.254	4.391	1.754	1089.000	0.515
2	11:54:10	282.200	277.800	254.300	98.493%	0.878	3.641	4.337	1.544	1125.000	0.553
3	11:55:55	282.700	269.000	255.300	99.187%	1.167	2.921	4.248	0.788	1141.000	0.548
x		282.700	271.900	255.800	98.298%	1.040	3.272	4.325	1.362	1119.000	0.539
σ		0.515	5.108	1.785	1.001%	0.148	0.360	0.072	0.508	26.630	0.021
%RSD		0.182	1.879	0.698	1.018	14.200	11.010	1.673	37.280	2.380	3.842

Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn	68Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:52:25	56.050	58.160	0.530	4.358	4.627	3.997	3.631	4.184	-0.509	4.067
2	11:54:10	55.910	54.450	0.564	4.302	4.446	3.973	3.541	4.058	-0.117	4.165
3	11:55:55	55.870	56.620	0.521	4.349	4.246	3.902	3.534	4.190	0.079	4.124
x		55.940	56.410	0.539	4.336	4.440	3.957	3.569	4.144	-0.182	4.119
σ		0.092	1.862	0.023	0.030	0.191	0.049	0.054	0.074	0.299	0.049
%RSD		0.165	3.301	4.207	0.703	4.291	1.250	1.523	1.798	164.200	1.193

Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo	97Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:52:25	1.118	0.838	4.047	0.000	0.000	4.100	1.052	98.356%	1.480	1.456
2	11:54:10	1.058	0.907	4.072	0.000	0.000	3.665	1.035	99.418%	1.339	1.278
3	11:55:55	0.888	1.959	4.206	0.000	0.000	3.976	1.070	100.443%	1.228	1.113
x		1.021	1.235	4.108	0.000	0.000	3.914	1.052	99.406%	1.349	1.282
σ		0.119	0.628	0.085	0.000	0.000	0.224	0.018	1.043%	0.126	0.171
%RSD		11.690	50.860	2.070	0.000	0.000	5.716	1.679	1.050	9.350	13.370

Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	109Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:52:25	1.446	92.689%	72.820	1.433	0.100	4.053	1.426	1.037	1.037	3.078
2	11:54:10	1.350	103.398%	-17.460	1.124	2.153	4.069	1.271	0.884	0.884	3.126
3	11:55:55	1.213	103.943%	22.490	1.687	1.662	4.112	1.344	1.375	1.375	3.140
x		1.336	100.010%	25.950	1.414	1.305	4.078	1.347	1.099	1.099	3.115
σ		0.117	6.346%	45.240	0.282	1.072	0.031	0.078	0.251	0.251	0.032
%RSD		8.773	6.346	174.300	19.930	82.160	0.751	5.764	22.870	22.870	1.043

Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:52:25	1.039	0.811	0.961	95.538%	1.160	0.016	-0.078	1.055	97.782%	97.720%
2	11:54:10	1.112	0.972	1.031	101.049%	1.096	-0.007	-0.089	1.102	98.856%	99.454%
3	11:55:55	1.056	0.895	0.928	103.127%	1.072	-0.035	-0.084	1.027	99.461%	99.867%
x		1.069	0.893	0.974	99.904%	1.109	-0.009	-0.084	1.061	98.700%	99.013%

1100

Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:52:25	198.500	0.492	0.586	0.537	0.483	0.519	97.943%	0.000	0.000
2	11:54:10	-215.500	0.370	0.477	0.529	0.493	0.522	98.943%	0.000	0.000
3	11:55:55	-216.700	0.334	0.428	0.539	0.493	0.516	99.398%	0.000	0.000
x		-77.900	0.399	0.497	0.535	0.490	0.519	98.761%	0.000	0.000
σ		239.400	0.083	0.081	0.005	0.006	0.003	0.745%	0.000	0.000
%RSD		307.300	20.710	16.310	1.021	1.248	0.586	0.754	0.000	0.000
σ		0.038	0.081	0.053	3.922%	0.046	0.025	0.005	0.038	0.851%
%RSD		3.562	9.047	5.410	3.926	4.132	286.100	6.325	3.607	0.862

1.139%
1.151

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:59:56	85.897%	-0.015	0.247	0.370	0.000	M 105400.000	M 103300.000	M 103000.000	M 102400.000
2	12:01:42	86.113%	0.016	0.273	0.135	0.000	M 104900.000	M 102400.000	M 102800.000	M 102200.000
3	12:03:27	87.710%	-0.004	-0.478	-0.404	0.000	M 104000.000	M 101300.000	M 101300.000	M 100800.000
x		86.573%	-0.001	0.014	0.034	0.000	M 104800.000	M 102400.000	M 102400.000	M 101800.000
σ		0.990%	0.016	0.426	0.397	0.000	M 684.600	M 993.900	M 933.800	M 869.000
%RSD		1.144	1490.000	2996.000	1184.000	0.000	M 0.653	M 0.971	M 0.912	M 0.854

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:59:56	M 102300.000	M 99810.000	M 107100.000	92.356%	M 2139.000	-0.957	3.295	1.027	1490.000
2	12:01:42	M 101500.000	M 99340.000	M 106600.000	94.184%	M 2113.000	-0.555	3.185	-0.404	1487.000
3	12:03:27	M 101200.000	M 98370.000	M 106400.000	94.453%	M 2118.000	-0.548	3.168	0.748	1444.000
x		M 101600.000	M 99170.000	M 106700.000	93.664%	M 2123.000	-0.687	3.216	0.457	1474.000
σ		M 580.400	M 735.000	M 371.700	1.141%	M 13.370	0.234	0.069	0.758	25.510
%RSD		M 0.571	M 0.741	M 0.348	1.218	M 0.630	34.070	2.140	166.000	1.731

Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:59:56	M 100600.000	M 101900.000	0.127	1.508	8.829	2.623	1.535	2.637	3.995
2	12:01:42	M 99130.000	M 100700.000	0.104	1.453	8.401	3.007	2.010	2.660	3.326
3	12:03:27	M 99050.000	M 100800.000	0.078	1.490	8.008	3.085	1.983	2.574	2.337
x		M 99580.000	M 101200.000	0.103	1.484	8.412	2.905	1.843	2.624	3.219
σ		M 855.200	M 690.300	0.024	0.028	0.411	0.247	0.267	0.044	0.834
%RSD		M 0.859	M 0.682	23.490	1.864	4.881	8.513	14.470	1.693	25.900

Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:59:56	-0.022	2.477	1.788	0.000	0.000	0.100	0.974	94.210%	M 2241.000
2	12:01:42	-0.176	2.474	1.345	0.000	0.000	-0.374	0.966	95.694%	M 2223.000
3	12:03:27	-0.098	2.258	0.964	0.000	0.000	-0.326	1.001	95.925%	M 2222.000
x		-0.098	2.403	1.366	0.000	0.000	-0.200	0.980	95.276%	M 2229.000
σ		0.077	0.126	0.412	0.000	0.000	0.261	0.018	0.931%	M 10.560
%RSD		78.230	5.223	30.190	0.000	0.000	130.400	1.885	0.977	M 0.474

Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:59:56	M 2274.000	85.910%	-17.830	1.087	2.275	1.619	4.474	41.230	41.230
2	12:01:42	M 2260.000	95.323%	2.532	0.460	1.002	1.723	4.586	41.330	41.330
3	12:03:27	M 2251.000	96.461%	41.560	0.466	-0.046	1.692	4.698	41.770	41.770
x		M 2262.000	92.565%	8.755	0.671	1.077	1.678	4.586	41.440	41.440
σ		M 11.630	5.791%	30.180	0.360	1.162	0.054	0.112	0.284	0.284
%RSD		M 0.514	6.256	344.700	53.670	107.900	3.192	2.437	0.686	0.686

Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:59:56	2.185	0.737	0.627	91.429%	0.092	0.951	0.925	0.305	96.774%
2	12:01:42	1.972	0.559	0.380	97.084%	0.094	1.050	0.936	0.270	98.223%
3	12:03:27	1.886	0.469	0.491	98.889%	0.095	1.125	0.988	0.239	99.628%
x		2.015	0.589	0.500	95.800%	0.094	1.042	0.950	0.272	98.209%
σ		0.154	0.137	0.124	3.892%	0.002	0.087	0.034	0.033	1.427%
%RSD		7.651	23.200	24.750	4.063	1.791	8.387	3.560	12.290	1.453

Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U

1101

		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:59:56	M528.700	-0.136	-0.030	1.035	0.974	1.024	91.639%	0.000	0.000
2	12:01:42	M291.000	-0.193	-0.070	1.006	0.938	1.002	94.083%	0.000	0.000
3	12:03:27	M637.900	-0.211	-0.086	1.037	0.943	1.010	94.609%	0.000	0.000
x		M485.900	-0.180	-0.062	1.026	0.952	1.012	93.444%	0.000	0.000
σ		M177.400	0.039	0.029	0.018	0.020	0.011	1.585%	0.000	0.000
%RSD		M36.510	21.880	46.600	1.716	2.058	1.090	1.696	0.000	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:08:27	87.553%	-0.000	-0.094	0.117	0.000	M106500.000	M104300.000	M104100.000	M103200.000
2	12:10:12	88.966%	-0.001	-0.520	-0.350	0.000	M105400.000	M103500.000	M103500.000	M102500.000
3	12:11:57	90.655%	-0.016	0.043	0.022	0.000	M105300.000	M102900.000	M103300.000	M102400.000
x		89.058%	-0.006	-0.190	-0.070	0.000	M105700.000	M103600.000	M103600.000	M102700.000
σ		1.553%	0.009	0.294	0.247	0.000	M693.600	M681.100	M432.100	M445.000
%RSD		1.744	158.100	154.500	352.800	0.000	M0.656	M0.658	M0.417	M0.433

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:08:27	M104600.000	M102300.000	M110000.000	92.743%	M2163.000	-0.225	23.520	21.850	1268.000
2	12:10:12	M104100.000	M101700.000	M109700.000	93.960%	M2139.000	0.160	22.960	22.440	1320.000
3	12:11:57	M104400.000	M102000.000	M109800.000	93.513%	M2169.000	0.264	22.980	23.650	1327.000
x		M104400.000	M102000.000	M109800.000	93.405%	M2157.000	0.066	23.150	22.650	1305.000
σ		M247.600	M301.800	M159.400	0.615%	M15.810	0.258	0.316	0.919	31.920
%RSD		M0.237	M0.296	M0.145	0.659	M0.733	387.900	1.365	4.059	2.446

Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:08:27	M103000.000	M105000.000	20.060	20.320	27.720	21.850	20.870	21.680	20.260
2	12:10:12	M101800.000	M103700.000	19.630	20.640	27.840	21.790	20.970	21.320	19.050
3	12:11:57	M102100.000	M104300.000	19.980	20.520	27.960	22.380	21.820	21.430	20.900
x		M102300.000	M104300.000	19.890	20.490	27.840	22.010	21.220	21.480	20.070
σ		M640.000	M623.100	0.231	0.160	0.120	0.322	0.523	0.185	0.943
%RSD		M0.626	M0.597	1.162	0.780	0.432	1.461	2.464	0.863	4.697

Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:08:27	20.140	0.293	2.216	0.000	0.000	-0.251	1.016	94.163%	M2318.000
2	12:10:12	19.720	0.173	3.097	0.000	0.000	-0.365	1.001	95.398%	M2291.000
3	12:11:57	19.260	2.601	2.241	0.000	0.000	-0.260	1.007	94.941%	M2289.000
x		19.710	1.022	2.518	0.000	0.000	-0.292	1.008	94.834%	M2299.000
σ		0.440	1.368	0.501	0.000	0.000	0.064	0.008	0.624%	M16.490
%RSD		2.232	133.800	19.910	0.000	0.000	21.740	0.752	0.658	M0.717

Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:08:27	M2369.000	85.870%	-17.380	20.450	22.080	20.450	4.720	62.700	62.700
2	12:10:12	M2330.000	96.474%	35.810	19.940	20.000	20.430	4.747	61.130	61.130
3	12:11:57	M2330.000	96.350%	-51.390	20.890	23.370	20.670	4.633	62.850	62.850
x		M2343.000	92.898%	-10.990	20.430	21.820	20.520	4.700	62.230	62.230
σ		M22.450	6.087%	43.960	0.475	1.699	0.133	0.059	0.955	0.955
%RSD		M0.958	6.552	400.000	2.326	7.786	0.647	1.266	1.535	1.535

Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:08:27	22.640	21.480	20.700	92.204%	0.146	1.122	1.013	0.272	99.649%
2	12:10:12	21.800	20.530	20.360	97.672%	0.111	1.205	1.059	0.276	101.069%
3	12:11:57	22.240	20.680	20.830	98.243%	0.145	1.214	1.141	0.315	102.608%
x		22.230	20.900	20.630	96.040%	0.134	1.180	1.071	0.287	101.109%
σ		0.417	0.514	0.241	3.334%	0.020	0.050	0.065	0.024	1.480%
%RSD		1.875	2.461	1.167	3.472	14.750	4.271	6.085	8.220	1.464

Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:08:27	M497.000	-0.177	-0.064	1.021	1.020	1.044	94.606%	0.000	0.000
2	12:10:12	M743.500	-0.229	-0.100	1.044	1.005	1.048	97.488%	0.000	0.000

1102

3	12:11:57	M 722.500	-0.237	-0.112	1.094	0.937	1.031	99.200%	0.000	0.000
x		M 654.300	-0.214	-0.092	1.053	0.987	1.041	97.098%	0.000	0.000
σ		M 136.600	0.032	0.025	0.037	0.044	0.009	2.321%	0.000	0.000
%RSD		M 20.880	15.010	27.280	3.548	4.488	0.834	2.391	0.000	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:16:56	90.640%	123.100	133.900	132.900	0.000	5230.000	5064.000	5184.000	5131.000	0.000
2	12:18:42	90.740%	119.900	136.400	133.000	0.000	5302.000	5240.000	5225.000	5184.000	0.000
3	12:20:29	90.450%	119.500	133.300	131.400	0.000	5272.000	5255.000	5263.000	5192.000	0.000
x		90.610%	120.800	134.500	132.400	0.000	5268.000	5186.000	5224.000	5169.000	0.000
σ		0.147%	1.955	1.652	0.888	0.000	36.320	105.700	39.170	33.200	0.000
%RSD		0.163	1.618	1.228	0.671	0.000	0.689	2.039	0.750	0.642	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	55Mn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:16:56	5124.000	5231.000	5159.000	96.488%	124.100	122.200	123.000	124.700	1045.000	124.800
2	12:18:42	5225.000	5245.000	5192.000	96.227%	123.300	121.900	122.600	125.600	1141.000	123.900
3	12:20:29	5202.000	5327.000	5189.000	96.062%	125.900	122.000	122.500	124.500	1191.000	123.500
x		5184.000	5268.000	5180.000	96.259%	124.500	122.100	122.700	124.900	1125.000	124.000
σ		53.170	51.780	18.100	0.215%	1.322	0.168	0.246	0.592	74.250	0.644
%RSD		1.026	0.983	0.349	0.223	1.062	0.137	0.200	0.474	6.598	0.519

Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn	68Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:16:56	5052.000	5174.000	122.500	120.900	122.600	122.800	125.300	125.400	119.800	126.400
2	12:18:42	5051.000	5171.000	121.000	119.700	120.400	122.500	124.600	124.000	122.000	126.600
3	12:20:29	5046.000	5161.000	120.400	119.600	121.600	122.100	124.600	123.500	118.500	125.300
x		5050.000	5169.000	121.300	120.100	121.500	122.500	124.800	124.300	120.100	126.100
σ		3.640	6.888	1.075	0.691	1.120	0.371	0.396	0.986	1.757	0.721
%RSD		0.072	0.133	0.886	0.576	0.921	0.303	0.317	0.793	1.463	0.572

Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo	97Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:16:56	126.400	117.800	128.200	0.000	0.000	127.000	124.300	97.717%	150.900	147.100
2	12:18:42	125.400	115.600	127.900	0.000	0.000	125.800	123.800	98.264%	136.700	133.500
3	12:20:29	123.100	121.300	128.500	0.000	0.000	125.300	123.400	97.868%	131.600	129.200
x		125.000	118.200	128.200	0.000	0.000	126.000	123.800	97.950%	139.700	136.600
σ		1.737	2.887	0.307	0.000	0.000	0.850	0.488	0.282%	9.996	9.340
%RSD		1.390	2.442	0.240	0.000	0.000	0.674	0.394	0.288	7.153	6.838

Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	109Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:16:56	152.800	92.882%	89.330	122.200	123.200	123.200	2.397	127.800	127.800	120.500
2	12:18:42	138.300	103.275%	99.300	124.100	124.700	120.900	1.984	125.300	125.300	117.800
3	12:20:29	134.400	102.763%	94.270	128.500	129.400	123.100	1.783	127.000	127.000	119.100
x		141.900	99.640%	94.300	124.900	125.800	122.400	2.055	126.700	126.700	119.100
σ		9.720	5.858%	4.985	3.248	3.239	1.314	0.313	1.287	1.287	1.325
%RSD		6.852	5.879	5.286	2.600	2.576	1.074	15.240	1.016	1.016	1.112

Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:16:56	124.800	127.300	126.000	97.329%	124.300	127.700	128.600	121.700	102.052%	102.159%
2	12:18:42	122.500	125.100	125.600	100.795%	123.500	127.100	127.000	121.600	103.596%	104.329%
3	12:20:29	123.100	126.000	125.800	101.332%	123.600	126.900	127.300	120.300	104.022%	104.470%
x		123.400	126.200	125.800	99.819%	123.800	127.200	127.600	121.200	103.223%	103.652%
σ		1.198	1.109	0.187	2.173%	0.430	0.442	0.865	0.760	1.036%	1.296%
%RSD		0.970	0.879	0.149	2.177	0.347	0.347	0.678	0.627	1.004	1.250

Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:16:56	227.600	124.800	122.300	124.700	123.600	125.100	103.524%	0.000	0.000
2	12:18:42	89.580	125.400	122.300	124.800	123.400	125.100	104.870%	0.000	0.000
3	12:20:29	M 274.500	125.200	121.800	124.600	122.900	124.800	106.008%	0.000	0.000
x		M 197.200	125.100	122.100	124.700	123.300	125.000	104.801%	0.000	0.000
σ		M 96.120	0.307	0.285	0.068	0.361	0.162	1.244%	0.000	0.000

1103

%RSD	M 48.740	0.245	0.233	0.054	0.293	0.130	1.187	0.000	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:25:26	88.801%	0.018	1.957	2.141	0.000	1.313	214.400	214.700	4.933	0.000
2	12:27:12	88.323%	-0.008	1.659	1.019	0.000	4.517	228.000	227.700	7.876	0.000
3	12:28:57	88.851%	0.081	0.877	0.690	0.000	14.910	265.300	262.100	19.150	0.000
x		88.659%	0.030	1.498	1.283	0.000	6.913	235.900	234.800	10.650	0.000
σ		0.291%	0.046	0.558	0.761	0.000	7.107	26.360	24.500	7.506	0.000
%RSD		0.329	151.200	37.250	59.310	0.000	102.800	11.170	10.430	70.450	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	55Mn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:25:26	8.717	-11.770	-26.670	93.749%	0.044	0.301	-0.021	0.010	1146.000	2.062
2	12:27:12	12.030	-10.350	-23.520	93.694%	0.057	0.076	0.006	0.238	1270.000	2.166
3	12:28:57	21.410	1.583	-13.230	94.303%	0.375	-0.057	0.052	-0.078	1302.000	2.470
x		14.050	-6.846	-21.140	93.915%	0.159	0.107	0.013	0.057	1239.000	2.233
σ		6.582	7.334	7.031	0.337%	0.187	0.181	0.037	0.163	82.200	0.212
%RSD		46.840	107.100	33.260	0.358	118.000	169.700	293.900	287.400	6.634	9.504

Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn	68Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:25:26	-0.300	3.895	0.021	0.032	-0.004	3.054	2.696	1.046	-1.434	1.093
2	12:27:12	2.113	6.709	0.035	0.054	0.123	3.159	2.858	1.252	-1.405	1.219
3	12:28:57	12.950	16.100	0.092	0.077	0.016	3.518	3.258	1.431	-0.094	1.519
x		4.922	8.902	0.049	0.054	0.045	3.244	2.937	1.243	-0.977	1.277
σ		7.059	6.391	0.038	0.022	0.068	0.243	0.289	0.193	0.765	0.219
%RSD		143.400	71.800	76.310	41.030	151.400	7.499	9.842	15.510	78.300	17.130

Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo	97Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:25:26	-0.025	-1.567	2.310	0.000	0.000	0.079	0.013	94.945%	7.080	7.100
2	12:27:12	-0.049	-0.855	1.866	0.000	0.000	-0.192	0.026	95.678%	4.704	4.618
3	12:28:57	-0.252	0.705	1.978	0.000	0.000	0.155	0.064	95.209%	3.640	3.387
x		-0.109	-0.572	2.051	0.000	0.000	0.014	0.034	95.278%	5.141	5.035
σ		0.125	1.162	0.231	0.000	0.000	0.182	0.027	0.371%	1.761	1.891
%RSD		114.600	203.000	11.250	0.000	0.000	1305.000	77.120	0.390	34.260	37.560

Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	109Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:25:26	7.454	90.539%	-30.980	0.089	1.581	0.607	1.240	0.128	0.128	-0.275
2	12:27:12	4.601	100.393%	-26.220	0.736	2.005	0.644	1.219	0.113	0.113	-0.257
3	12:28:57	3.650	100.899%	-17.830	0.712	1.749	0.680	1.246	0.204	0.204	-0.202
x		5.235	97.277%	-25.010	0.512	1.778	0.644	1.235	0.148	0.148	-0.245
σ		1.980	5.841%	6.657	0.367	0.214	0.036	0.014	0.049	0.049	0.038
%RSD		37.820	6.004	26.610	71.670	12.030	5.642	1.137	32.880	32.880	15.570

Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:25:26	0.025	0.017	-0.006	94.532%	0.212	-0.416	-0.502	0.021	99.296%	99.142%
2	12:27:12	0.050	0.020	0.001	98.594%	0.165	-0.419	-0.529	0.059	100.527%	101.157%
3	12:28:57	0.063	0.033	0.021	98.994%	0.232	-0.382	-0.506	0.115	101.324%	102.072%
x		0.046	0.023	0.005	97.373%	0.203	-0.406	-0.513	0.065	100.382%	100.790%
σ		0.020	0.009	0.014	2.468%	0.034	0.020	0.014	0.048	1.022%	1.499%
%RSD		42.540	36.620	270.100	2.535	16.920	5.041	2.814	73.540	1.018	1.487

Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:25:26	181.900	0.814	0.958	0.010	-0.031	-0.003	100.572%	0.000	0.000
2	12:27:12	-92.200	0.153	0.301	0.019	-0.004	0.014	102.247%	0.000	0.000
3	12:28:57	163.900	0.020	0.154	0.071	0.025	0.052	103.323%	0.000	0.000
x		84.530	0.329	0.471	0.033	-0.003	0.021	102.047%	0.000	0.000
σ		153.300	0.425	0.428	0.033	0.028	0.028	1.386%	0.000	0.000
%RSD		181.400	129.100	90.870	98.930	847.300	135.100	1.359	0.000	0.000

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User Pre-dilution: 2.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:33:55	92.716%	0.010	2.588	0.088	0.000	1.472	43.190	43.430	3.017	0.000
2	12:35:40	92.735%	0.009	0.057	-0.520	0.000	5.204	46.120	45.900	4.862	0.000
3	12:37:26	92.554%	0.067	0.177	0.322	0.000	9.953	51.180	50.770	9.773	0.000
x		92.669%	0.029	0.941	-0.037	0.000	5.543	46.830	46.700	5.884	0.000
σ		0.100%	0.033	1.428	0.434	0.000	4.250	4.044	3.733	3.492	0.000
%RSD		0.107	115.600	151.700	1182.000	0.000	76.680	8.636	7.993	59.350	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	55Mn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:33:55	12.960	-10.190	-32.800	93.944%	-0.049	-3.324	1.793	1.097	7295.000	0.279
2	12:35:40	14.890	0.614	-30.600	95.331%	0.188	-1.410	1.980	4.329	8271.000	0.262
3	12:37:26	18.730	-5.089	-26.380	95.817%	0.199	1.624	2.007	11.140	8474.000	0.354
x		15.530	-4.887	-29.930	95.031%	0.113	-1.036	1.927	5.523	8013.000	0.298
σ		2.936	5.403	3.261	0.972%	0.140	2.495	0.117	5.129	630.300	0.049
%RSD		18.910	110.600	10.900	1.023	124.500	240.700	6.063	92.860	7.865	16.460

Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn	68Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:33:55	-3.571	-2.561	0.020	0.108	-0.095	6.225	5.366	1.125	34.020	1.663
2	12:35:40	-2.655	-3.202	0.017	0.178	0.004	5.545	5.196	1.069	40.140	1.511
3	12:37:26	1.935	3.439	0.046	0.206	0.004	4.795	4.344	0.955	43.650	1.474
x		-1.430	-0.775	0.027	0.164	-0.029	5.522	4.968	1.050	39.270	1.550
σ		2.950	3.663	0.016	0.051	0.057	0.715	0.548	0.087	4.873	0.100
%RSD		206.300	472.800	57.400	30.910	196.800	12.950	11.020	8.249	12.410	6.471

Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo	97Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:33:55	-0.471	29.840	1.940	0.000	0.000	-0.557	0.030	95.477%	6.753	6.577
2	12:35:40	0.286	32.890	0.558	0.000	0.000	-0.571	0.052	97.195%	4.719	4.271
3	12:37:26	0.674	32.400	0.319	0.000	0.000	-0.555	0.071	96.144%	3.713	3.457
x		0.163	31.710	0.939	0.000	0.000	-0.561	0.051	96.272%	5.062	4.768
σ		0.583	1.635	0.875	0.000	0.000	0.009	0.020	0.866%	1.549	1.618
%RSD		357.200	5.157	93.250	0.000	0.000	1.591	39.820	0.900	30.600	33.930

Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	109Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:33:55	6.971	90.174%	-91.500	0.840	4.674	3.081	2.348	0.057	0.057	1.267
2	12:35:40	4.730	100.836%	-102.000	0.294	4.170	3.030	2.460	0.652	0.652	1.201
3	12:37:26	3.632	101.965%	-191.900	0.156	6.483	2.894	2.262	0.341	0.341	0.988
x		5.111	97.658%	-128.500	0.430	5.109	3.002	2.357	0.350	0.350	1.152
σ		1.702	6.506%	55.200	0.362	1.217	0.097	0.099	0.298	0.298	0.146
%RSD		33.300	6.662	42.960	84.210	23.810	3.220	4.216	85.090	85.090	12.650

Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb12	3Sb	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:33:55	0.049	0.152	0.060	94.996%	0.330	0.036	-0.137	0.099	100.454%	100.709%
2	12:35:40	0.066	0.010	-0.038	99.153%	0.253	0.074	-0.025	0.041	101.922%	102.889%
3	12:37:26	0.090	0.187	0.118	99.987%	0.307	0.209	0.080	0.075	103.197%	104.217%
x		0.068	0.116	0.047	98.045%	0.296	0.106	-0.028	0.072	101.858%	102.605%
σ		0.021	0.094	0.079	2.673%	0.040	0.091	0.109	0.029	1.373%	1.771%
%RSD		30.330	80.820	169.300	2.727	13.370	85.490	393.900	40.150	1.348	1.726

Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:33:55	461.600	-0.078	0.147	0.024	-0.075	-0.014	103.268%	0.000	0.000
2	12:35:40	M 569.100	-0.333	-0.093	0.029	-0.064	-0.004	104.664%	0.000	0.000
3	12:37:26	-83.860	-0.397	-0.146	0.026	-0.039	0.003	105.883%	0.000	0.000
x		M 315.600	-0.269	-0.031	0.026	-0.060	-0.005	104.605%	0.000	0.000
σ		M 350.100	0.169	0.156	0.003	0.018	0.008	1.308%	0.000	0.000
%RSD		M 110.900	62.720	506.500	10.170	30.810	168.200	1.251	0.000	0.000

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User Pre-dilution: 2.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg26	Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:42:24	92.581%	438.100	9.156	6.822	0.000	4767.000	5215.000	5223.000	4601.000	0.000

2	12:44:10	92.427%	434.700	6.252	7.895	0.000	4801.000	5208.000	5219.000	4638.000	0.000
3	12:45:56	93.143%	437.800	6.870	6.870	0.000	4812.000	5213.000	5217.000	4649.000	0.000
x		92.717%	436.900	7.426	7.196	0.000	4793.000	5212.000	5220.000	4629.000	0.000
σ		0.377%	1.900	1.530	0.606	0.000	23.420	3.917	2.929	24.740	0.000
%RSD		0.407	0.435	20.600	8.425	0.000	0.488	0.075	0.056	0.534	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	55Mn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:42:24	4642.000	5146.000	5088.000	94.953%	460.800	484.500	460.600	480.400	8060.000	466.100
2	12:44:10	4674.000	5160.000	5092.000	95.576%	460.300	498.000	458.000	474.700	9055.000	465.600
3	12:45:56	4705.000	5059.000	5112.000	95.340%	455.200	M 501.000	457.800	468.700	9444.000	466.300
x		4674.000	5122.000	5098.000	95.289%	458.800	M 494.500	458.800	474.600	8853.000	466.000
σ		31.530	54.790	12.920	0.315%	3.123	M 8.803	1.557	5.872	713.800	0.363
%RSD		0.675	1.070	0.254	0.330	0.681	M 1.780	0.339	1.237	8.063	0.078

Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn	68Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:42:24	5116.000	5264.000	456.100	452.200	464.700	453.500	461.100	430.100	473.900	440.000
2	12:44:10	5113.000	5221.000	451.400	446.400	456.200	448.900	455.900	427.600	473.700	436.300
3	12:45:56	5117.000	5196.000	453.300	447.700	454.300	450.600	459.300	426.300	477.000	437.600
x		5115.000	5227.000	453.600	448.800	458.400	451.000	458.800	428.000	474.900	438.000
σ		2.217	34.460	2.365	3.029	5.507	2.331	2.652	1.966	1.843	1.898
%RSD		0.043	0.659	0.521	0.675	1.201	0.517	0.578	0.459	0.388	0.433

Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo	97Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:42:24	440.600	453.700	424.200	0.000	0.000	424.900	0.177	95.817%	464.600	455.000
2	12:44:10	437.700	432.300	413.000	0.000	0.000	415.900	0.169	97.488%	461.900	452.700
3	12:45:56	438.600	451.100	419.900	0.000	0.000	421.700	0.155	96.163%	458.200	446.100
x		439.000	445.700	419.000	0.000	0.000	420.800	0.167	96.489%	461.500	451.300
σ		1.481	11.680	5.621	0.000	0.000	4.566	0.011	0.882%	3.217	4.652
%RSD		0.337	2.620	1.341	0.000	0.000	1.085	6.853	0.914	0.697	1.031

Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	109Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:42:24	469.900	90.636%	-79.760	452.500	466.200	190.400	5.364	467.700	467.700	185.200
2	12:44:10	468.300	100.412%	-86.490	455.200	468.900	187.800	4.335	461.800	461.800	183.000
3	12:45:56	463.300	101.830%	-80.930	462.000	475.800	188.000	4.331	468.400	468.400	182.900
x		467.200	97.626%	-82.400	456.600	470.300	188.700	4.677	466.000	466.000	183.700
σ		3.451	6.095%	3.597	4.912	4.919	1.473	0.595	3.600	3.599	1.279
%RSD		0.739	6.243	4.365	1.076	1.046	0.781	12.720	0.772	0.772	0.696

Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:42:24	456.700	463.500	457.000	94.849%	0.254	466.500	470.300	457.800	100.220%	100.745%
2	12:44:10	446.600	458.500	459.200	98.319%	0.246	464.800	464.500	453.300	102.150%	102.816%
3	12:45:56	446.300	455.800	454.700	99.486%	0.202	463.100	461.700	448.200	103.059%	104.083%
x		449.900	459.300	457.000	97.551%	0.234	464.800	465.500	453.100	101.810%	102.548%
σ		5.920	3.953	2.252	2.412%	0.028	1.659	4.385	4.821	1.450%	1.685%
%RSD		1.316	0.861	0.493	2.472	11.920	0.357	0.942	1.064	1.424	1.643

Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:42:24	M 1533.000	466.000	454.100	494.900	444.600	467.600	101.882%	0.000	0.000
2	12:44:10	M 2130.000	468.000	456.400	490.900	442.400	465.000	103.923%	0.000	0.000
3	12:45:56	M 1336.000	468.600	457.200	491.600	442.900	466.500	104.633%	0.000	0.000
x		M 1666.000	467.500	455.900	492.500	443.300	466.400	103.479%	0.000	0.000
σ		M 413.200	1.323	1.611	2.142	1.168	1.308	1.428%	0.000	0.000
%RSD		M 24.800	0.283	0.353	0.435	0.264	0.281	1.380	0.000	0.000

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User Pre-dilution: 2.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:50:54	94.066%	44.870	76.490	77.820	0.000	M 368200.000	M 96320.000	M 96100.000	1947.000
2	12:52:40	97.067%	43.000	75.340	76.480	0.000	M 363400.000	M 95330.000	M 95930.000	1919.000
3	12:54:25	99.869%	42.280	75.310	73.920	0.000	M 360200.000	M 94640.000	M 94590.000	1904.000
x		97.001%	43.380	75.710	76.070	0.000	M 363900.000	M 95430.000	M 95540.000	1924.000

σ		2.903%	1.336	0.674	1.981	0.000	M 4030.000	M 846.300	M 827.700	22.070	(
%RSD		2.992	3.080	0.890	2.604	0.000	M 1.107	M 0.887	M 0.866	1.147	(
Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	5
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	12:50:54	M 30780.000	M 175800.000	M 188500.000	96.318%	0.396	M 510.900	412.800	416.800	7646.000	M 747
2	12:52:40	M 30760.000	M 174200.000	M 189400.000	97.236%	0.600	M 515.000	409.300	409.100	8052.000	M 749
3	12:54:25	M 30700.000	M 175800.000	M 189800.000	97.640%	0.622	M 515.700	409.200	418.400	7920.000	M 748
X		M 30750.000	M 175300.000	M 189200.000	97.064%	0.539	M 513.800	410.400	414.700	7872.000	M 748
σ		M 39.690	M 898.100	M 646.500	0.677%	0.124	M 2.589	2.053	4.978	207.000	M (
%RSD		M 0.129	M 0.512	M 0.342	0.698	23.070	M 0.504	0.500	1.200	2.629	M (
Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn	6
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	12:50:54	2244.000	3059.000	448.300	M 581.300	M 595.300	233.300	237.400	455.400	M 531.800	491
2	12:52:40	2226.000	2953.000	444.800	M 573.900	M 593.600	229.200	234.300	449.300	M 539.500	486
3	12:54:25	2222.000	2930.000	441.100	M 571.000	M 582.200	229.300	234.600	450.100	M 533.500	490
X		2230.000	2980.000	444.700	M 575.400	M 590.400	230.600	235.400	451.600	M 534.900	489
σ		11.400	68.680	3.623	M 5.312	M 7.158	2.312	1.706	3.325	M 4.036	2
%RSD		0.511	2.304	0.815	M 0.923	M 1.212	1.002	0.725	0.736	M 0.754	(
Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo	9
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	12:50:54	M 1791.000	M 1691.000	M 1734.000	0.000	0.000	M 1723.000	381.100	95.753%	32.740	31
2	12:52:40	M 1767.000	M 1690.000	M 1710.000	0.000	0.000	M 1700.000	383.600	97.250%	30.410	29
3	12:54:25	M 1763.000	M 1645.000	M 1705.000	0.000	0.000	M 1689.000	379.800	98.565%	29.610	28
X		M 1774.000	M 1675.000	M 1716.000	0.000	0.000	M 1704.000	381.500	97.189%	30.920	30
σ		M 14.910	M 26.010	M 15.140	0.000	0.000	M 17.580	1.893	1.407%	1.623	1
%RSD		M 0.841	M 1.553	M 0.882	0.000	0.000	M 1.032	0.496	1.448	5.249	4
Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	10
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	12:50:54	33.220	86.434%	282.900	49.760	44.580	49.650	3.230	48.190	48.190	47
2	12:52:40	30.910	96.590%	273.100	48.990	43.820	49.020	3.269	48.040	48.040	45
3	12:54:25	30.110	98.585%	197.300	46.540	43.400	48.470	3.258	47.510	47.500	45
X		31.410	93.870%	251.100	48.430	43.930	49.050	3.252	47.910	47.910	46
σ		1.616	6.516%	46.840	1.680	0.599	0.593	0.020	0.361	0.361	(
%RSD		5.145	6.942	18.650	3.469	1.363	1.209	0.620	0.753	0.753	1
Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb	16
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	12:50:54	47.960	46.750	46.940	92.812%	0.451	485.800	487.800	M 1831.000	100.395%	101.3
2	12:52:40	45.890	47.100	47.290	97.890%	0.469	481.800	481.400	M 1794.000	104.004%	105.1
3	12:54:25	46.650	46.910	46.730	100.196%	0.512	477.700	479.000	M 1785.000	106.164%	107.3
X		46.830	46.920	46.990	96.966%	0.477	481.700	482.700	M 1803.000	103.521%	104.6
σ		1.044	0.172	0.284	3.778%	0.031	4.039	4.538	M 24.340	2.915%	3.0
%RSD		2.230	0.366	0.606	3.896	6.554	0.838	0.940	M 1.350	2.816	2
Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	12:50:54	M 1642.000	M 1968.000	M 1959.000	M 515.000	462.100	487.600	96.723%	0.000	0.000	
2	12:52:40	M 1684.000	M 1971.000	M 1953.000	M 515.000	460.500	486.600	100.194%	0.000	0.000	
3	12:54:25	M 1628.000	M 1958.000	M 1942.000	M 516.200	459.000	485.900	102.382%	0.000	0.000	
X		M 1651.000	M 1966.000	M 1952.000	M 515.400	460.500	486.700	99.767%	0.000	0.000	
σ		M 29.310	M 6.765	M 8.709	M 0.711	1.585	0.867	2.854%	0.000	0.000	
%RSD		M 1.775	M 0.344	M 0.446	M 0.138	0.344	0.178	2.860	0.000	0.000	

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User Pre-dilution: 2.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	12:59:25	97.165%	44.600	76.140	77.950	0.000	M 370500.000	M 97020.000	M 96800.000	1950.000	(
2	13:01:10	99.598%	41.970	73.770	77.380	0.000	M 368800.000	M 96830.000	M 96580.000	1948.000	(
3	13:02:55	99.864%	43.520	77.830	80.070	0.000	M 370400.000	M 97060.000	M 97140.000	1964.000	(
X		98.876%	43.360	75.910	78.470	0.000	M 369900.000	M 96970.000	M 96840.000	1954.000	(
σ		1.488%	1.325	2.041	1.417	0.000	M 955.400	M 124.400	M 284.400	8.725	(
%RSD		1.505	3.056	2.688	1.806	0.000	M 0.258	M 0.128	M 0.294	0.447	(
Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	5

1107

Run	Time		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	12:59:25		M31050.000	M178200.000	M191800.000	97.329%	0.283	M520.100	386.400	388.100	7423.000	M75
2	13:01:10		M31050.000	M176700.000	M190900.000	99.254%	0.169	M519.500	380.100	381.700	7837.000	M75
3	13:02:55		M31210.000	M176700.000	M191100.000	100.399%	0.304	M523.000	380.800	394.000	7678.000	M75
x			M31110.000	M177200.000	M191300.000	98.994%	0.252	M520.900	382.400	388.000	7646.000	M75
σ			M91.770	M868.200	M495.100	1.551%	0.073	M1.869	3.443	6.132	208.800	M
%RSD			M0.295	M0.490	M0.259	1.567	28.810	M0.359	0.900	1.581	2.730	M
Run	Time		56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn	6
			ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	12:59:25		2125.000	2895.000	455.400	M570.200	M579.300	239.600	246.100	454.600	M534.800	49
2	13:01:10		2111.000	2870.000	450.100	M562.400	M581.100	237.200	239.200	449.300	M540.300	49
3	13:02:55		2102.000	2820.000	446.100	M555.400	M580.100	235.500	240.800	449.000	M535.200	48
x			2113.000	2862.000	450.500	M562.700	M580.200	237.400	242.100	451.000	M536.700	49
σ			11.200	38.060	4.672	M7.375	M0.912	2.059	3.619	3.103	M3.075	
%RSD			0.530	1.330	1.037	M1.311	M0.157	0.867	1.495	0.688	M0.573	
Run	Time		75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo	9
			ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	12:59:25		M1816.000	M1698.000	M1767.000	0.000	0.000	M1742.000	384.600	97.179%	26.290	2
2	13:01:10		M1798.000	M1704.000	M1729.000	0.000	0.000	M1732.000	386.300	98.280%	25.680	2
3	13:02:55		M1781.000	M1705.000	M1727.000	0.000	0.000	M1698.000	383.000	98.821%	25.720	2
x			M1798.000	M1702.000	M1741.000	0.000	0.000	M1724.000	384.600	98.094%	25.900	2
σ			M17.960	M4.013	M22.700	0.000	0.000	M22.750	1.651	0.836%	0.340	
%RSD			M0.999	M0.236	M1.304	0.000	0.000	M1.320	0.429	0.853	1.314	
Run	Time		98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	10
			ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	12:59:25		27.040	87.341%	262.700	46.880	42.190	49.790	3.402	48.120	48.120	4
2	13:01:10		26.260	97.912%	27.000	45.440	46.900	48.320	2.996	47.520	47.520	4
3	13:02:55		25.480	100.084%	316.900	48.550	42.090	48.880	3.311	46.960	46.960	4
x			26.260	95.112%	202.200	46.950	43.730	49.000	3.236	47.530	47.530	4
σ			0.779	6.817%	154.100	1.555	2.750	0.743	0.213	0.580	0.580	
%RSD			2.967	7.168	76.230	3.311	6.289	1.516	6.581	1.219	1.219	
Run	Time		110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb	16
			ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	12:59:25		47.150	47.950	47.280	94.021%	0.528	490.400	493.300	M1853.000	101.866%	102.6
2	13:01:10		46.430	47.350	47.460	98.896%	0.616	482.600	483.700	M1827.000	104.007%	104.6
3	13:02:55		46.170	47.300	46.940	99.603%	0.615	485.000	485.300	M1819.000	105.021%	105.9
x			46.590	47.530	47.230	97.507%	0.586	486.000	487.400	M1833.000	103.631%	104.4
σ			0.509	0.360	0.263	3.039%	0.051	4.003	5.114	M17.750	1.611%	1.7
%RSD			1.092	0.757	0.556	3.117	8.635	0.824	1.049	M0.968	1.555	1
Run	Time		202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U	
			ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	12:59:25		M2162.000	M1997.000	M1992.000	M523.000	467.100	493.300	97.627%	0.000	0.000	
2	13:01:10		M1035.000	M1996.000	M1987.000	M522.400	469.200	494.000	99.357%	0.000	0.000	
3	13:02:55		M1670.000	M1984.000	M1971.000	M517.500	465.300	491.000	100.695%	0.000	0.000	
x			M1622.000	M1993.000	M1983.000	M521.000	467.200	492.800	99.226%	0.000	0.000	
σ			M564.900	M7.236	M10.920	M3.015	1.962	1.544	1.538%	0.000	0.000	
%RSD			M34.810	M0.363	M0.550	M0.579	0.420	0.313	1.550	0.000	0.000	

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User Pre-dilution: 2.00

Run	Time		6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
			ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:07:55		97.915%	-0.036	80.260	81.110	0.000	M342900.000	M71380.000	M71640.000	5.400	0.00
2	13:09:40		100.557%	-0.017	78.010	78.680	0.000	M342300.000	M71200.000	M71330.000	5.101	0.00
3	13:11:26		101.311%	-0.011	77.530	79.510	0.000	M341500.000	M71160.000	M70910.000	5.063	0.00
x			99.928%	-0.021	78.600	79.770	0.000	M342200.000	M71250.000	M71290.000	5.188	0.00
σ			1.783%	0.013	1.457	1.239	0.000	M679.700	M117.000	M364.000	0.184	0.00
%RSD			1.784	60.210	1.854	1.553	0.000	M0.199	M0.164	M0.510	3.551	0.00
Run	Time		39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	55Mn
			ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:07:55		5838.000	M152000.000	M165200.000	97.253%	0.192	-2.087	188.000	179.600	7405.000	273.10
2	13:09:40		5856.000	M152100.000	M165100.000	97.897%	0.463	0.001	185.200	190.800	7961.000	269.60

3	13:11:26	5825.000	M 152300.000	M 164400.000	98.253%	0.343	0.878	183.900	194.900	7978.000	268.30(
x		5840.000	M 152100.000	M 164900.000	97.801%	0.333	-0.403	185.700	188.500	7782.000	270.40(
σ		15.870	M 184.200	M 470.400	0.507%	0.136	1.523	2.073	7.933	326.000	2.49[
%RSD		0.272	M 0.121	M 0.285	0.519	40.760	378.300	1.117	4.210	4.190	0.92[

Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn	68Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:07:55	1103.000	1822.000	1.101	117.200	125.500	19.020	18.620	29.830	69.570	29.39(
2	13:09:40	1094.000	1761.000	1.170	116.700	122.600	18.790	18.350	28.700	70.750	29.96(
3	13:11:26	1091.000	1768.000	1.116	115.900	120.500	18.430	18.270	29.290	70.260	29.35(
x		1096.000	1784.000	1.129	116.600	122.900	18.750	18.410	29.280	70.190	29.57(
σ		6.220	33.030	0.036	0.653	2.525	0.301	0.179	0.567	0.590	0.34[
%RSD		0.568	1.852	3.222	0.560	2.055	1.604	0.972	1.938	0.840	1.16(

Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo	97Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:07:55	1.286	31.920	5.987	0.000	0.000	1.519	384.500	96.093%	23.440	23.55(
2	13:09:40	1.216	33.950	3.677	0.000	0.000	1.172	382.300	97.862%	23.420	23.28(
3	13:11:26	0.483	36.790	2.129	0.000	0.000	0.256	381.000	97.575%	22.880	22.51(
x		0.995	34.220	3.931	0.000	0.000	0.982	382.600	97.177%	23.250	23.11(
σ		0.445	2.447	1.942	0.000	0.000	0.653	1.781	0.950%	0.320	0.53[
%RSD		44.670	7.152	49.400	0.000	0.000	66.440	0.466	0.977	1.378	2.33[

Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	109Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:07:55	24.360	87.228%	306.400	-0.101	-7.067	1.253	3.275	0.813	0.813	-0.581
2	13:09:40	23.970	97.476%	272.300	-1.359	-7.671	1.222	3.355	0.858	0.858	-0.547
3	13:11:26	23.270	98.669%	260.800	-0.787	-6.812	1.191	3.310	1.036	1.036	-0.58(
x		23.870	94.458%	279.800	-0.749	-7.184	1.222	3.313	0.902	0.902	-0.56[
σ		0.552	6.289%	23.680	0.630	0.441	0.031	0.040	0.118	0.118	0.01[
%RSD		2.314	6.658	8.463	84.140	6.140	2.533	1.208	13.080	13.080	3.42[

Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:07:55	0.061	-0.641	-0.411	93.235%	0.501	0.133	0.016	4.561	100.482%	101.179%
2	13:09:40	0.015	-0.700	-0.525	98.264%	0.425	0.074	-0.080	4.840	103.316%	103.975%
3	13:11:26	0.054	-0.682	-0.529	98.529%	0.484	0.057	-0.131	4.747	104.059%	105.509%
x		0.043	-0.674	-0.488	96.676%	0.470	0.088	-0.065	4.716	102.619%	103.554%
σ		0.025	0.030	0.067	2.983%	0.040	0.039	0.075	0.142	1.887%	2.195%
%RSD		57.700	4.469	13.720	3.085	8.480	44.860	114.800	3.015	1.839	2.12(

Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:07:55	-10.970	14.530	14.670	0.782	0.732	0.779	96.962%	0.000	0.000
2	13:09:40	M 636.700	6.285	6.214	0.795	0.739	0.778	99.274%	0.000	0.000
3	13:11:26	M 616.300	4.042	4.079	0.813	0.670	0.756	100.516%	0.000	0.000
x		M 414.000	8.285	8.322	0.797	0.714	0.771	98.917%	0.000	0.000
σ		M 368.200	5.521	5.603	0.016	0.038	0.013	1.804%	0.000	0.000
%RSD		M 88.930	66.640	67.330	1.956	5.317	1.716	1.823	0.000	0.000

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User Pre-dilution: 10.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:16:25	92.263%	0.086	86.570	95.410	0.000	M 346600.000	73330.000	73450.000	26.040	0.000
2	13:18:10	91.727%	0.052	86.460	87.930	0.000	M 348100.000	73420.000	73130.000	15.170	0.000
3	13:19:56	93.396%	-0.062	85.800	84.630	0.000	M 343800.000	73300.000	72920.000	13.940	0.000
x		92.462%	0.025	86.280	89.330	0.000	M 346200.000	73350.000	73170.000	18.380	0.000
σ		0.852%	0.077	0.416	5.524	0.000	M 2198.000	59.350	265.300	6.663	0.000
%RSD		0.922	311.100	0.482	6.184	0.000	M 0.635	0.081	0.363	36.250	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	55Mn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:16:25	5941.000	M 156400.000	M 154100.000	95.356%	-0.063	-2.628	1118.000	1124.000	11230.000	373.300
2	13:18:10	5902.000	M 154700.000	M 152000.000	96.836%	-0.547	0.238	1098.000	1121.000	10440.000	363.700
3	13:19:56	5727.000	M 155100.000	M 152100.000	95.975%	-0.339	5.601	1107.000	1129.000	9990.000	368.500
x		5857.000	M 155400.000	M 152700.000	96.055%	-0.316	1.071	1107.000	1125.000	10550.000	368.500
σ		113.900	M 848.200	M 1175.000	0.743%	0.243	4.177	9.853	4.159	627.600	4.802

%RSD		1.945	M 0.546	M 0.769	0.774	76.830	390.200	0.890	0.370	5.946	1.303
Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn	68Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:16:25	5042.000	6009.000	6.522	717.800	715.700	98.760	98.500	177.600	145.600	176.800
2	13:18:10	4969.000	5810.000	6.296	707.400	727.600	96.300	92.670	172.600	133.600	168.900
3	13:19:56	5006.000	5865.000	6.298	705.700	728.500	96.110	95.600	173.100	128.900	172.800
x		5006.000	5895.000	6.372	710.300	723.900	97.060	95.590	174.400	136.100	172.800
σ		36.680	102.700	0.130	6.562	7.145	1.480	2.918	2.759	8.615	3.920
%RSD		0.733	1.742	2.036	0.924	0.987	1.525	3.053	1.582	6.331	2.268

Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo	97Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:16:25	3.871	-20.460	23.220	0.000	0.000	2.809	394.400	94.816%	132.400	129.700
2	13:18:10	0.189	-13.820	24.410	0.000	0.000	1.616	396.000	95.804%	131.800	128.700
3	13:19:56	2.268	-27.120	29.480	0.000	0.000	2.407	391.300	95.135%	127.900	127.300
x		2.109	-20.470	25.710	0.000	0.000	2.277	393.900	95.252%	130.700	128.600
σ		1.846	6.653	3.325	0.000	0.000	0.607	2.358	0.504%	2.479	1.245
%RSD		87.510	32.500	12.930	0.000	0.000	26.660	0.599	0.530	1.896	0.968

Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	109Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:16:25	132.700	88.275%	767.000	5.892	-8.109	2.861	14.340	3.682	3.682	-6.034
2	13:18:10	134.600	97.563%	-125.000	11.020	20.240	2.788	12.210	1.803	1.803	-5.953
3	13:19:56	133.400	99.652%	46.940	-3.657	0.238	2.673	13.850	3.005	3.005	-6.070
x		133.500	95.163%	229.600	4.420	4.121	2.774	13.460	2.830	2.830	-6.019
σ		0.992	6.056%	473.300	7.450	14.570	0.095	1.113	0.952	0.952	0.060
%RSD		0.743	6.364	206.100	168.600	353.400	3.430	8.265	33.630	33.630	0.997

Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:16:25	0.252	-1.203	-0.954	93.741%	1.579	-4.142	-5.389	6.855	98.506%	99.037%
2	13:18:10	0.075	0.092	-0.169	96.827%	1.567	-4.321	-5.324	5.455	99.974%	101.016%
3	13:19:56	0.094	-1.350	-1.178	97.435%	1.329	-4.374	-5.694	4.544	100.940%	101.933%
x		0.141	-0.820	-0.767	96.001%	1.492	-4.279	-5.469	5.618	99.807%	100.662%
σ		0.097	0.793	0.530	1.981%	0.141	0.121	0.198	1.164	1.225%	1.480%
%RSD		69.380	96.690	69.070	2.063	9.478	2.835	3.615	20.720	1.228	1.470

Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:16:25	-824.400	12.940	14.460	1.661	1.119	1.446	99.714%	0.000	0.000
2	13:18:10	M 7790.000	7.149	8.341	1.349	0.926	1.173	100.625%	0.000	0.000
3	13:19:56	2377.000	4.553	5.849	1.192	0.721	1.000	101.862%	0.000	0.000
x		M 3114.000	8.213	9.549	1.401	0.922	1.206	100.734%	0.000	0.000
σ		M 4354.000	4.291	4.429	0.239	0.199	0.225	1.078%	0.000	0.000
%RSD		M 139.800	52.250	46.380	17.060	21.620	18.660	1.070	0.000	0.000

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User Pre-dilution: 2.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	13:24:57	95.533%	0.007	93.680	100.200	0.000	M 111100.000	M 100900.000	M 101300.000	16.770	(
2	13:26:42	97.929%	0.005	96.810	95.890	0.000	M 111400.000	M 101000.000	M 101200.000	16.100	(
3	13:28:27	97.740%	0.005	100.100	101.000	0.000	M 112100.000	M 101500.000	M 101500.000	16.180	(
x		97.067%	0.006	96.850	99.030	0.000	M 111600.000	M 101100.000	M 101300.000	16.350	(
σ		1.332%	0.001	3.192	2.757	0.000	M 482.800	M 301.200	M 132.900	0.366	(
%RSD		1.372	22.290	3.296	2.784	0.000	M 0.433	M 0.298	M 0.131	2.239	(

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	5
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	13:24:57	5537.000	M 327700.000	M 355800.000	95.583%	0.749	-7.012	M 753.300	M 766.800	7453.000	M 440
2	13:26:42	5548.000	M 327200.000	M 356400.000	97.250%	0.980	-2.407	M 745.000	M 771.200	9416.000	M 438
3	13:28:27	5539.000	M 324900.000	M 353200.000	98.658%	0.976	-0.502	M 741.100	M 765.400	9938.000	M 436
x		5541.000	M 326600.000	M 355100.000	97.164%	0.902	-3.307	M 746.500	M 767.800	8936.000	M 438
σ		5.516	M 1520.000	M 1702.000	1.539%	0.132	3.347	M 6.224	M 3.041	1310.000	M 1
%RSD		0.100	M 0.465	M 0.479	1.584	14.670	101.200	M 0.834	M 0.396	14.660	M

Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	

1110

1	13:24:57	M 62710.000	M 65290.000	14.350	485.300	499.100	28.870	28.800	109.600	138.900	11
2	13:26:42	M 62370.000	M 65150.000	14.080	480.600	488.800	28.100	28.720	108.200	158.600	11
3	13:28:27	M 62010.000	M 64840.000	14.160	477.400	490.900	28.410	28.350	108.600	160.000	11
x		M 62370.000	M 65090.000	14.200	481.100	492.900	28.460	28.620	108.800	152.500	11
σ		M 351.500	M 230.600	0.138	3.956	5.417	0.388	0.238	0.713	11.820	
%RSD		M 0.564	M 0.354	0.969	0.822	1.099	1.364	0.832	0.655	7.752	

Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo	9
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	13:24:57	0.694	36.560	3.342	0.000	0.000	0.114	M 693.600	95.718%	90.890	9
2	13:26:42	1.140	41.350	2.123	0.000	0.000	-0.007	M 692.300	97.722%	90.300	8
3	13:28:27	1.018	42.980	0.093	0.000	0.000	-0.120	M 691.800	97.971%	91.000	8
x		0.951	40.300	1.853	0.000	0.000	-0.004	M 692.500	97.137%	90.730	8
σ		0.230	3.340	1.641	0.000	0.000	0.117	M 0.923	1.235%	0.377	
%RSD		24.240	8.288	88.600	0.000	0.000	2868.000	M 0.133	1.272	0.415	

Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	1
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	13:24:57	93.870	85.448%	448.500	0.296	-10.550	1.212	3.621	1.881	1.881	-
2	13:26:42	93.200	95.413%	M 600.900	-0.674	-15.970	1.269	4.068	1.968	1.968	-
3	13:28:27	91.690	97.989%	M 551.700	-0.350	-14.350	1.223	3.971	2.174	2.174	-
x		92.920	92.950%	M 533.700	-0.243	-13.620	1.234	3.887	2.008	2.008	-
σ		1.118	6.623%	M 77.780	0.493	2.783	0.030	0.235	0.150	0.150	
%RSD		1.204	7.126	M 14.570	203.400	20.430	2.456	6.041	7.490	7.490	

Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb	16
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	13:24:57	0.121	-0.797	-0.584	90.984%	0.969	-0.096	-0.262	15.000	97.957%	99.
2	13:26:42	0.124	-1.257	-0.873	95.961%	0.966	-0.173	-0.288	14.790	100.637%	101.
3	13:28:27	0.081	-1.107	-0.830	97.331%	0.824	-0.070	-0.282	14.960	102.416%	102.
x		0.109	-1.054	-0.762	94.759%	0.920	-0.113	-0.277	14.920	100.336%	101.
σ		0.024	0.235	0.156	3.340%	0.083	0.054	0.014	0.110	2.245%	1.
%RSD		22.000	22.270	20.410	3.525	9.007	47.300	4.899	0.736	2.237	

Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:24:57	M 2670.000	1.108	1.371	0.133	0.067	0.104	95.125%	0.000	0.000
2	13:26:42	M 2166.000	0.537	0.806	0.113	0.085	0.099	97.628%	0.000	0.000
3	13:28:27	M 2672.000	0.358	0.608	0.102	0.076	0.092	98.697%	0.000	0.000
x		M 2503.000	0.668	0.929	0.116	0.076	0.098	97.150%	0.000	0.000
σ		M 291.600	0.392	0.396	0.016	0.009	0.006	1.833%	0.000	0.000
%RSD		M 11.650	58.650	42.620	13.540	11.650	5.823	1.887	0.000	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:42:00	91.993%	125.000	135.100	137.600	0.000	5317.000	5265.000	5263.000	5178.000	0.000
2	13:43:46	90.943%	126.000	139.900	140.300	0.000	5368.000	5343.000	5335.000	5272.000	0.000
3	13:45:33	91.509%	126.500	140.500	140.800	0.000	5391.000	5347.000	5332.000	5279.000	0.000
x		91.482%	125.800	138.500	139.600	0.000	5358.000	5318.000	5310.000	5243.000	0.000
σ		0.526%	0.747	2.988	1.733	0.000	37.910	46.300	40.290	56.470	0.000
%RSD		0.575	0.594	2.157	1.242	0.000	0.707	0.871	0.759	1.077	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	55Mn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:42:00	5182.000	5180.000	5182.000	93.252%	124.700	123.400	124.600	127.500	1414.000	125.700
2	13:43:46	5188.000	5220.000	5123.000	94.594%	124.000	121.200	122.600	123.500	1505.000	124.400
3	13:45:33	5221.000	5176.000	5216.000	94.057%	122.800	122.100	123.400	125.300	1529.000	125.400
x		5197.000	5192.000	5174.000	93.968%	123.800	122.200	123.500	125.400	1483.000	125.200
σ		20.800	24.050	47.430	0.675%	0.924	1.134	1.019	1.960	60.730	0.677
%RSD		0.400	0.463	0.917	0.719	0.746	0.927	0.825	1.562	4.096	0.541

Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn	68Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:42:00	5174.000	5206.000	124.600	123.300	126.700	127.600	128.900	125.500	122.000	127.400
2	13:43:46	5129.000	5132.000	121.500	121.200	123.400	124.400	125.100	124.200	122.600	125.600
3	13:45:33	5167.000	5156.000	122.400	121.000	124.600	125.700	127.100	124.400	125.800	126.000

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x		5156.000	5165.000	122.800	121.800	124.900	125.900	127.100	124.700	123.500	126.400
σ		24.430	37.960	1.597	1.264	1.644	1.625	1.897	0.707	2.059	0.963
%RSD		0.474	0.735	1.300	1.038	1.317	1.291	1.493	0.567	1.668	0.762
Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo	97Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:42:00	126.800	122.300	132.200	0.000	0.000	128.600	124.500	92.885%	125.400	122.100
2	13:43:46	125.300	119.100	130.700	0.000	0.000	125.100	123.400	94.316%	125.500	123.000
3	13:45:33	124.700	121.500	130.100	0.000	0.000	125.000	123.600	93.618%	126.000	122.100
x		125.600	121.000	131.000	0.000	0.000	126.300	123.800	93.606%	125.600	122.400
σ		1.091	1.635	1.100	0.000	0.000	2.068	0.609	0.715%	0.272	0.539
%RSD		0.869	1.352	0.840	0.000	0.000	1.638	0.492	0.764	0.217	0.440
Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	109Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:42:00	127.000	87.073%	135.100	124.500	124.300	123.200	2.200	126.400	126.400	120.400
2	13:43:46	129.000	96.111%	125.200	122.400	122.300	121.600	2.422	128.200	128.200	118.700
3	13:45:33	127.200	98.242%	141.200	122.100	121.500	121.100	2.074	123.400	123.400	118.200
x		127.800	93.808%	133.800	123.000	122.700	122.000	2.232	126.000	126.000	119.100
σ		1.109	5.930%	8.067	1.296	1.424	1.086	0.176	2.422	2.422	1.167
%RSD		0.868	6.321	6.027	1.053	1.160	0.890	7.900	1.922	1.922	0.980
Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:42:00	124.700	126.500	124.500	91.707%	123.900	127.700	129.000	123.900	96.757%	96.749%
2	13:43:46	122.800	126.600	124.900	95.509%	124.500	127.100	127.100	120.700	98.105%	98.751%
3	13:45:33	124.000	125.800	125.800	95.867%	123.100	127.700	127.700	122.200	98.698%	99.157%
x		123.800	126.300	125.100	94.361%	123.800	127.500	127.900	122.300	97.853%	98.219%
σ		0.973	0.440	0.689	2.306%	0.691	0.324	0.975	1.570	0.995%	1.289%
%RSD		0.786	0.348	0.551	2.443	0.558	0.254	0.762	1.284	1.017	1.312
Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	13:42:00	-8.929	126.300	123.000	124.700	123.600	124.800	98.615%	0.000	0.000	
2	13:43:46	52.360	125.900	122.900	124.100	122.800	124.500	99.733%	0.000	0.000	
3	13:45:33	M 316.200	125.300	122.500	124.300	123.300	124.800	100.465%	0.000	0.000	
x		M 119.900	125.800	122.800	124.400	123.200	124.700	99.605%	0.000	0.000	
σ		M 172.800	0.486	0.235	0.306	0.397	0.137	0.932%	0.000	0.000	
%RSD		M 144.100	0.386	0.192	0.246	0.322	0.110	0.935	0.000	0.000	

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:50:33	90.515%	0.024	45.150	44.860	0.000	46.410	32.910	32.080	13.410	0.000
2	13:52:18	91.393%	-0.002	45.930	44.310	0.000	46.600	34.230	33.510	13.010	0.000
3	13:54:04	91.489%	0.002	43.550	43.260	0.000	45.920	36.140	35.800	13.070	0.000
x		91.132%	0.008	44.880	44.140	0.000	46.310	34.430	33.800	13.160	0.000
σ		0.537%	0.014	1.211	0.816	0.000	0.352	1.622	1.875	0.217	0.000
%RSD		0.589	174.600	2.699	1.848	0.000	0.761	4.712	5.548	1.651	0.000
Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	55Mn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:50:33	4.845	-6.607	-21.710	91.708%	0.062	-0.411	0.059	-1.388	1456.000	0.293
2	13:52:18	4.391	-5.978	-20.210	92.475%	-0.064	0.163	0.026	0.668	1590.000	0.303
3	13:54:04	4.640	-4.610	-21.290	92.975%	0.025	0.721	0.032	1.320	1615.000	0.281
x		4.625	-5.732	-21.070	92.386%	0.008	0.158	0.039	0.200	1554.000	0.292
σ		0.227	1.021	0.772	0.638%	0.065	0.566	0.017	1.414	85.470	0.011
%RSD		4.914	17.820	3.665	0.691	835.000	358.200	44.280	706.500	5.500	3.766
Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn	68Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:50:33	0.457	3.459	0.019	0.033	-0.041	0.965	0.577	0.400	-0.780	0.420
2	13:52:18	0.091	2.523	0.021	0.054	0.033	1.015	0.708	0.444	0.987	0.346
3	13:54:04	0.072	1.993	0.022	0.062	0.108	1.104	0.792	0.415	1.283	0.358
x		0.207	2.658	0.021	0.050	0.033	1.028	0.692	0.420	0.497	0.375
σ		0.217	0.742	0.001	0.015	0.074	0.071	0.108	0.023	1.116	0.040
%RSD		104.900	27.930	6.795	30.460	223.300	6.893	15.640	5.391	224.600	10.610

Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo	97Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:50:33	-0.242	0.974	2.641	0.000	0.000	0.106	0.041	91.655%	2.157	2.223
2	13:52:18	-0.197	1.159	1.959	0.000	0.000	0.025	0.040	92.461%	1.130	1.098
3	13:54:04	-0.227	1.227	1.614	0.000	0.000	-0.193	0.034	92.872%	0.774	0.733
x		-0.222	1.120	2.071	0.000	0.000	-0.021	0.038	92.329%	1.354	1.351
σ		0.023	0.131	0.523	0.000	0.000	0.155	0.004	0.619%	0.718	0.777
%RSD		10.300	11.700	25.230	0.000	0.000	742.800	9.649	0.671	53.030	57.470

Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	109Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:50:33	2.156	86.048%	70.990	0.422	-0.855	0.248	1.419	0.103	0.103	-0.633
2	13:52:18	1.148	94.945%	23.290	0.296	0.217	0.258	1.355	0.155	0.155	-0.636
3	13:54:04	0.753	97.626%	-22.360	-0.320	0.795	0.244	1.301	-0.040	-0.040	-0.646
x		1.352	92.873%	23.980	0.133	0.052	0.250	1.358	0.073	0.073	-0.638
σ		0.724	6.061%	46.680	0.397	0.837	0.007	0.059	0.101	0.101	0.007
%RSD		53.500	6.526	194.700	299.400	1595.000	2.767	4.346	138.300	138.300	1.032

Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:50:33	0.012	-0.134	-0.097	90.039%	0.112	-0.394	-0.473	0.035	95.412%	95.292%
2	13:52:18	0.015	-0.103	-0.093	94.112%	0.012	-0.433	-0.524	0.049	96.191%	96.818%
3	13:54:04	0.032	-0.056	-0.062	94.581%	-0.001	-0.413	-0.543	0.033	96.603%	97.384%
x		0.020	-0.098	-0.084	92.911%	0.041	-0.413	-0.513	0.039	96.069%	96.498%
σ		0.011	0.040	0.019	2.498%	0.062	0.020	0.036	0.009	0.605%	1.082%
%RSD		56.300	40.580	23.030	2.688	152.300	4.768	7.035	23.050	0.629	1.121

Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:50:33	M 272.300	1.159	1.319	0.013	-0.025	0.001	97.591%	0.000	0.000
2	13:52:18	60.470	0.394	0.512	0.010	-0.019	0.001	98.345%	0.000	0.000
3	13:54:04	-10.240	0.174	0.296	0.018	-0.018	0.005	98.816%	0.000	0.000
x		M 107.500	0.576	0.709	0.013	-0.020	0.003	98.251%	0.000	0.000
σ		M 147.100	0.517	0.539	0.004	0.004	0.002	0.618%	0.000	0.000
%RSD		M 136.800	89.800	76.040	28.560	19.340	81.220	0.629	0.000	0.000

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:59:03	89.568%	126.300	138.300	136.100	0.000	5353.000	5305.000	5283.000	5253.000	0.000
2	14:00:48	91.704%	122.900	138.200	136.300	0.000	5356.000	5037.000	5321.000	5279.000	0.000
3	14:02:34	91.001%	123.100	140.800	138.800	0.000	5361.000	5042.000	5309.000	5262.000	0.000
x		90.758%	124.100	139.100	137.100	0.000	5356.000	5128.000	5304.000	5265.000	0.000
σ		1.088%	1.914	1.505	1.487	0.000	4.127	153.300	19.530	13.170	0.000
%RSD		1.199	1.543	1.082	1.085	0.000	0.077	2.989	0.368	0.250	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	55Mn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:59:03	5222.000	5244.000	5160.000	92.074%	123.600	122.200	123.500	122.300	1344.000	125.100
2	14:00:48	5285.000	5269.000	5160.000	92.273%	123.400	122.000	124.200	125.800	1439.000	124.400
3	14:02:34	5251.000	5236.000	5156.000	93.052%	122.700	121.900	122.500	125.100	1453.000	124.000
x		5253.000	5250.000	5159.000	92.466%	123.200	122.000	123.400	124.400	1412.000	124.500
σ		31.330	17.010	2.244	0.517%	0.498	0.182	0.871	1.876	59.040	0.544
%RSD		0.597	0.324	0.043	0.559	0.404	0.149	0.706	1.508	4.181	0.437

Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn	68Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:59:03	5197.000	5174.000	122.700	121.400	124.800	123.100	125.400	124.400	125.300	127.000
2	14:00:48	5219.000	5175.000	122.300	120.500	123.200	123.000	124.200	125.100	122.900	124.500
3	14:02:34	5190.000	5119.000	122.000	118.200	121.600	123.900	126.200	123.300	122.700	126.500
x		5202.000	5156.000	122.300	120.000	123.200	123.300	125.300	124.300	123.600	126.000
σ		15.000	32.160	0.363	1.617	1.618	0.522	1.027	0.910	1.436	1.312
%RSD		0.288	0.624	0.297	1.347	1.313	0.423	0.820	0.732	1.161	1.041

Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo	97Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:59:03	127.300	119.100	131.300	0.000	0.000	129.000	123.900	91.565%	125.700	122.200

2	14:00:48	124.900	122.200	130.800	0.000	0.000	125.500	123.900	92.818%	127.100	124.700
3	14:02:34	124.200	121.600	125.300	0.000	0.000	124.100	122.400	93.144%	125.500	122.900
x		125.500	121.000	129.100	0.000	0.000	126.200	123.400	92.509%	126.100	123.300
σ		1.641	1.634	3.360	0.000	0.000	2.497	0.891	0.834%	0.865	1.283
%RSD		1.308	1.351	2.602	0.000	0.000	1.978	0.722	0.901	0.686	1.041

Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	109Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:59:03	126.400	85.281%	121.400	126.200	126.500	122.500	2.112	127.200	127.200	120.300
2	14:00:48	128.700	93.798%	88.220	127.500	128.600	121.800	1.889	127.200	127.200	118.800
3	14:02:34	126.200	97.683%	91.340	122.500	123.300	120.500	2.085	125.200	125.200	117.800
x		127.100	92.254%	100.300	125.400	126.100	121.600	2.029	126.500	126.500	119.000
σ		1.381	6.344%	18.310	2.601	2.652	1.024	0.122	1.129	1.129	1.272
%RSD		1.087	6.876	18.250	2.074	2.103	0.842	6.018	0.892	0.892	1.069

Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:59:03	125.000	126.500	126.200	89.980%	125.400	128.800	129.900	125.000	95.186%	95.993%
2	14:00:48	122.600	125.200	124.600	94.663%	123.200	125.800	126.500	121.200	97.297%	97.056%
3	14:02:34	123.200	124.600	125.400	95.227%	122.900	126.700	128.000	120.300	98.274%	98.614%
x		123.600	125.500	125.400	93.290%	123.900	127.100	128.100	122.200	96.919%	97.221%
σ		1.244	0.977	0.786	2.881%	1.368	1.537	1.734	2.483	1.579%	1.318%
%RSD		1.007	0.779	0.627	3.088	1.104	1.210	1.353	2.033	1.629	1.356

Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:59:03	206.500	125.000	122.400	124.100	123.500	124.900	96.932%	0.000	0.000
2	14:00:48	M 606.100	125.900	122.600	124.900	123.400	125.100	98.422%	0.000	0.000
3	14:02:34	M 728.700	125.700	122.700	125.100	124.000	125.400	99.471%	0.000	0.000
x		M 513.800	125.500	122.600	124.700	123.600	125.100	98.275%	0.000	0.000
σ		M 273.100	0.466	0.175	0.554	0.284	0.280	1.276%	0.000	0.000
%RSD		M 53.150	0.371	0.143	0.444	0.229	0.224	1.298	0.000	0.000

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:08:32	92.378%	0.080	29.030	28.290	0.000	41.190	49.920	51.870	12.810	0.000
2	14:10:18	92.504%	0.094	27.650	27.200	0.000	45.900	53.370	54.140	13.070	0.000
3	14:12:03	92.673%	0.134	28.110	27.870	0.000	63.050	61.010	59.690	16.680	0.000
x		92.518%	0.103	28.260	27.790	0.000	50.040	54.770	55.230	14.190	0.000
σ		0.148%	0.028	0.704	0.549	0.000	11.500	5.675	4.022	2.164	0.000
%RSD		0.160	26.830	2.491	1.976	0.000	22.990	10.360	7.281	15.250	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	55Mn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:08:32	7.290	9.001	-13.080	94.016%	0.078	0.241	0.021	-1.189	1283.000	0.430
2	14:10:18	8.000	11.570	-9.235	94.862%	0.082	0.870	-0.030	0.439	1175.000	0.479
3	14:12:03	13.350	23.840	5.387	94.781%	0.143	-0.117	0.021	-2.379	1164.000	0.632
x		9.547	14.800	-5.642	94.553%	0.101	0.331	0.004	-1.043	1207.000	0.513
σ		3.313	7.928	9.742	0.467%	0.037	0.500	0.030	1.414	65.900	0.106
%RSD		34.700	53.550	172.700	0.494	36.220	150.900	790.100	135.600	5.458	20.580

Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn	68Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:08:32	3.326	7.368	0.111	0.126	-0.001	2.179	1.733	0.526	-1.711	0.608
2	14:10:18	3.990	7.367	0.115	0.153	0.101	2.040	1.784	0.553	-2.889	0.515
3	14:12:03	8.578	10.650	0.198	0.257	0.303	2.096	1.735	0.540	-3.138	0.609
x		5.298	8.462	0.141	0.178	0.134	2.105	1.750	0.540	-2.579	0.577
σ		2.860	1.896	0.049	0.069	0.155	0.070	0.029	0.013	0.762	0.054
%RSD		53.980	22.400	35.000	38.860	115.500	3.311	1.648	2.443	29.550	9.333

Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo	97Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:08:32	-0.012	-0.862	1.792	0.000	0.000	0.065	0.130	92.041%	0.820	0.875
2	14:10:18	-0.174	-0.421	1.562	0.000	0.000	-0.125	0.149	94.352%	0.715	0.633
3	14:12:03	-0.059	-0.482	2.151	0.000	0.000	0.138	0.237	94.160%	0.679	0.587
x		-0.082	-0.588	1.835	0.000	0.000	0.026	0.172	93.518%	0.738	0.698

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Run	Time	98Mo ppb	103Rh ppb	105Pd ppb	106Pd ppb	106Cd ppb	107Ag ppb	108Mo O ppb	108Pd ppb	108Cd ppb	109Ag ppb
1	14:08:32	0.827	85.937%	-38.950	0.187	1.912	0.290	1.212	0.103	0.103	-0.612
2	14:10:18	0.671	94.769%	-9.860	0.604	1.458	0.293	1.265	0.219	0.219	-0.604
3	14:12:03	0.628	98.591%	-105.400	0.305	3.725	0.357	1.099	0.211	0.211	-0.517
x		0.709	93.099%	-51.410	0.365	2.365	0.314	1.192	0.178	0.178	-0.578
σ		0.104	6.490%	48.990	0.215	1.199	0.038	0.085	0.065	0.065	0.053
%RSD		14.700	6.971	95.290	58.830	50.710	12.020	7.120	36.470	36.470	9.097
σ		0.084	0.239	0.297	0.000	0.000	0.136	0.057	1.283%	0.073	0.155
%RSD		102.300	40.600	16.200	0.000	0.000	521.300	33.350	1.371	9.893	22.130

Run	Time	110Pd ppb	111Cd ppb	114Cd ppb	115In ppb	118Sn ppb	121Sb ppb	123Sb ppb	137Ba ppb	159Tb ppb	165Ho ppb
1	14:08:32	0.085	0.107	0.097	90.421%	0.073	-0.391	-0.486	0.153	95.844%	95.925%
2	14:10:18	0.122	0.073	0.064	94.924%	0.074	-0.393	-0.494	0.153	98.094%	98.642%
3	14:12:03	0.174	0.293	0.215	96.174%	0.123	-0.278	-0.427	0.241	99.211%	99.471%
x		0.127	0.158	0.125	93.840%	0.090	-0.354	-0.469	0.182	97.716%	98.013%
σ		0.045	0.119	0.080	3.026%	0.029	0.066	0.037	0.051	1.715%	1.855%
%RSD		35.250	75.310	63.530	3.225	31.800	18.630	7.895	27.870	1.755	1.893

Run	Time	202Hg ppb	203Tl ppb	205Tl ppb	206Pb ppb	207Pb ppb	208Pb ppb	209Bi ppb	220Bkg ppb	238U ppb
1	14:08:32	M 272.400	0.410	0.536	0.090	0.060	0.079	97.462%	0.000	0.000
2	14:10:18	-149.500	0.268	0.354	0.095	0.068	0.088	99.711%	0.000	0.000
3	14:12:03	110.900	0.264	0.378	0.179	0.129	0.165	101.354%	0.000	0.000
x		M 77.900	0.314	0.423	0.122	0.086	0.111	99.509%	0.000	0.000
σ		M 212.900	0.083	0.099	0.050	0.038	0.047	1.954%	0.000	0.000
%RSD		M 273.300	26.450	23.370	41.180	44.540	42.660	1.963	0.000	0.000

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User Pre-dilution: 2.00

Run	Time	6Li ppb	9Be ppb	10B ppb	11B ppb	13C ppb	23Na ppb	25Mg ppb	26Mg ppb	27Al ppb	37Cl ppb
1	14:18:02	89.461%	0.028	1.314	1.435	0.000	10.110	7.849	7.118	3.739	0.000
2	14:19:48	90.727%	0.026	0.555	-0.099	0.000	13.960	9.219	8.879	3.801	0.000
3	14:21:33	91.024%	-0.003	-0.085	0.256	0.000	12.890	7.920	7.298	3.555	0.000
x		90.404%	0.017	0.595	0.531	0.000	12.320	8.329	7.765	3.698	0.000
σ		0.830%	0.017	0.700	0.803	0.000	1.991	0.771	0.969	0.128	0.000
%RSD		0.918	104.400	117.800	151.300	0.000	16.170	9.256	12.480	3.460	0.000

Run	Time	39K ppb	43Ca ppb	44Ca ppb	45Sc ppb	47Ti ppb	51V ppb	52Cr ppb	53Cr ppb	53Cl O ppb	55Mn ppb
1	14:18:02	12.590	-14.330	-55.940	93.678%	-0.089	0.437	-0.139	-4.544	1445.000	0.366
2	14:19:48	13.480	-6.034	-51.660	94.342%	-0.104	0.889	-0.221	-1.603	1012.000	0.358
3	14:21:33	12.400	-17.350	-55.160	94.671%	-0.118	0.835	-0.194	-2.744	840.700	0.341
x		12.820	-12.570	-54.250	94.231%	-0.104	0.720	-0.185	-2.964	1099.000	0.355
σ		0.575	5.858	2.281	0.506%	0.015	0.247	0.041	1.483	311.400	0.013
%RSD		4.483	46.600	4.205	0.537	14.140	34.230	22.420	50.030	28.330	3.662

Run	Time	56Fe ppb	57Fe ppb	59Co ppb	60Ni ppb	62Ni ppb	63Cu ppb	65Cu ppb	66Zn ppb	67Zn ppb	68Zn ppb
1	14:18:02	-3.283	5.921	0.100	0.678	0.645	7.559	7.011	0.518	-11.510	0.547
2	14:19:48	-3.221	6.944	0.131	0.644	0.908	8.288	7.774	0.740	-14.720	0.457
3	14:21:33	-4.213	5.569	0.072	0.786	0.565	8.575	7.802	0.737	-16.410	0.454
x		-3.572	6.145	0.101	0.703	0.706	8.140	7.529	0.665	-14.210	0.486
σ		0.556	0.714	0.029	0.074	0.179	0.524	0.449	0.128	2.492	0.053
%RSD		15.560	11.620	29.190	10.540	25.410	6.435	5.959	19.200	17.530	10.920

Run	Time	75As ppb	77Se ppb	78Se ppb	79Br ppb	81Br ppb	82Se ppb	88Sr ppb	89Y ppb	95Mo ppb	97Mo ppb
1	14:18:02	-0.415	-7.916	1.590	0.000	0.000	-0.288	0.115	92.281%	0.643	0.597
2	14:19:48	-0.126	-11.580	3.477	0.000	0.000	-0.113	0.129	94.217%	0.726	0.656
3	14:21:33	-0.333	-11.350	4.309	0.000	0.000	-0.307	0.112	94.141%	0.647	0.584
x		-0.291	-10.280	3.125	0.000	0.000	-0.236	0.119	93.546%	0.672	0.612
σ		0.149	2.052	1.393	0.000	0.000	0.107	0.009	1.096%	0.047	0.039
%RSD		51.250	19.960	44.590	0.000	0.000	45.420	7.433	1.172	6.973	6.346

Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	109Ag

1115

		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:18:02	0.592	86.188%	-14.540	0.107	1.792	0.361	2.551	-0.143	-0.143	-1.392
2	14:19:48	0.688	94.596%	-55.550	0.315	2.984	0.397	2.483	-0.078	-0.078	-1.393
3	14:21:33	0.657	97.967%	8.588	0.017	0.825	0.392	2.672	0.110	0.110	-1.383
x		0.645	92.917%	-20.500	0.146	1.867	0.383	2.569	-0.037	-0.037	-1.389
σ		0.049	6.066%	32.480	0.153	1.081	0.020	0.096	0.131	0.131	0.006
%RSD		7.607	6.529	158.400	104.400	57.910	5.133	3.730	354.300	354.300	0.406

Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:18:02	0.068	0.030	-0.014	89.882%	-0.158	-0.732	-0.988	0.118	94.856%	95.108%
2	14:19:48	0.102	0.056	-0.007	94.762%	-0.144	-0.734	-0.938	0.137	98.253%	98.750%
3	14:21:33	0.046	-0.154	-0.135	95.536%	-0.174	-0.754	-0.953	0.130	99.791%	100.718%
x		0.072	-0.023	-0.052	93.393%	-0.159	-0.740	-0.960	0.129	97.633%	98.192%
σ		0.028	0.115	0.072	3.065%	0.015	0.012	0.026	0.010	2.525%	2.846%
%RSD		39.150	506.500	138.100	3.282	9.220	1.653	2.716	7.621	2.586	2.899

Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:18:02	424.800	-0.270	0.033	0.049	-0.000	0.034	96.124%	0.000	0.000
2	14:19:48	-301.200	-0.297	-0.054	0.057	-0.004	0.042	100.069%	0.000	0.000
3	14:21:33	336.400	-0.392	-0.129	0.042	-0.017	0.028	102.775%	0.000	0.000
x		153.300	-0.320	-0.050	0.050	-0.007	0.034	99.656%	0.000	0.000
σ		396.100	0.064	0.081	0.007	0.008	0.007	3.344%	0.000	0.000
%RSD		258.300	20.030	161.600	14.920	119.200	20.170	3.356	0.000	0.000

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User Pre-dilution: 2.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:27:33	97.575%	0.080	2.751	1.765	0.000	10750.000	3316.000	3309.000	13.990	0.000
2	14:29:18	98.602%	0.024	2.309	1.471	0.000	10840.000	3314.000	3320.000	14.160	0.000
3	14:31:04	99.649%	0.017	3.008	1.808	0.000	10750.000	3286.000	3304.000	14.550	0.000
x		98.608%	0.040	2.689	1.681	0.000	10780.000	3305.000	3311.000	14.230	0.000
σ		1.037%	0.034	0.354	0.184	0.000	51.060	16.750	8.220	0.287	0.000
%RSD		1.052	85.790	13.150	10.920	0.000	0.474	0.507	0.248	2.014	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	55Mn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:27:33	626.400	11600.000	11700.000	99.293%	1.963	-0.885	5.394	6.317	9269.000	8.421
2	14:29:18	635.000	11740.000	11810.000	99.161%	1.383	3.869	4.557	25.150	9202.000	8.482
3	14:31:04	633.200	11740.000	11690.000	100.044%	1.893	4.500	3.758	13.020	9013.000	8.458
x		631.500	11690.000	11730.000	99.499%	1.746	2.495	4.570	14.830	9161.000	8.454
σ		4.565	85.190	65.810	0.476%	0.317	2.944	0.818	9.543	132.600	0.031
%RSD		0.723	0.729	0.561	0.478	18.150	118.000	17.900	64.360	1.447	0.367

Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn	68Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:27:33	76.820	128.300	0.079	4.050	4.277	27.510	27.630	10.310	55.490	11.170
2	14:29:18	74.080	121.100	0.049	3.638	3.212	29.490	29.650	10.690	53.070	12.030
3	14:31:04	72.710	117.700	0.071	3.266	3.374	31.670	31.790	11.360	56.070	11.630
x		74.530	122.300	0.066	3.651	3.621	29.550	29.690	10.790	54.880	11.610
σ		2.092	5.388	0.016	0.392	0.574	2.081	2.077	0.535	1.590	0.434
%RSD		2.807	4.404	23.360	10.740	15.860	7.043	6.997	4.962	2.897	3.734

Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo	97Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:27:33	0.124	39.570	1.117	0.000	0.000	0.306	136.900	95.013%	0.804	0.739
2	14:29:18	-0.937	43.280	0.297	0.000	0.000	-0.400	135.600	97.619%	0.748	0.743
3	14:31:04	0.575	38.620	0.700	0.000	0.000	0.947	135.200	97.612%	0.770	0.862
x		-0.079	40.490	0.705	0.000	0.000	0.284	135.900	96.748%	0.774	0.781
σ		0.776	2.461	0.410	0.000	0.000	0.673	0.885	1.502%	0.028	0.070
%RSD		977.100	6.077	58.170	0.000	0.000	237.000	0.651	1.553	3.614	8.965

Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	109Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:27:33	0.807	88.423%	104.800	-0.593	-2.138	0.613	2.904	0.670	0.670	-1.148
2	14:29:18	0.745	97.556%	-50.990-	0.214	2.356	0.663	2.541	0.107	0.107	-1.131

3	14:31:04	0.760	101.538%	77.470	0.060	-1.002	0.665	2.802	0.040	0.040	-1.150
x		0.771	95.839%	43.750	-0.249	-0.261	0.647	2.749	0.272	0.272	-1.143
σ		0.033	6.724%	83.180	0.328	2.337	0.030	0.188	0.346	0.346	0.010
%RSD		4.246	7.016	190.100	131.700	894.400	4.616	6.822	127.200	127.200	0.909

Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:27:33	0.377	-0.015	0.088	93.164%	0.707	-0.307	-0.502	0.895	99.925%	100.740%
2	14:29:18	0.330	0.299	0.245	98.804%	0.690	-0.337	-0.472	0.942	104.529%	104.908%
3	14:31:04	0.375	0.070	0.115	99.473%	0.861	-0.080	-0.385	1.015	106.469%	107.261%
x		0.361	0.118	0.149	97.147%	0.753	-0.241	-0.453	0.951	103.641%	104.303%
σ		0.026	0.162	0.084	3.465%	0.094	0.141	0.061	0.060	3.361%	3.302%
%RSD		7.302	137.700	56.240	3.567	12.510	58.200	13.390	6.342	3.243	3.166

Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:27:33	M 5634.000	-0.348	-0.113	9.533	8.971	9.409	101.628%	0.000	0.000
2	14:29:18	M 8608.000	-0.374	-0.146	9.455	9.179	9.458	106.669%	0.000	0.000
3	14:31:04	M 5338.000	-0.374	-0.132	9.665	9.067	9.490	108.597%	0.000	0.000
x		M 6527.000	-0.366	-0.130	9.551	9.072	9.453	105.632%	0.000	0.000
σ		M 1808.000	0.015	0.017	0.106	0.104	0.041	3.598%	0.000	0.000
%RSD		M 27.710	4.077	12.990	1.110	1.147	0.432	3.407	0.000	0.000

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User Pre-dilution: 10.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:37:04	91.672%	0.017	3.491	0.268	0.000	11290.000	3681.000	3681.000	61.420	0.000
2	14:38:49	91.740%	0.124	1.978	-1.082	0.000	11360.000	3675.000	3702.000	65.050	0.000
3	14:40:35	92.011%	0.123	3.143	-0.754	0.000	11280.000	3678.000	3702.000	70.610	0.000
x		91.808%	0.088	2.871	-0.523	0.000	11310.000	3678.000	3695.000	65.700	0.000
σ		0.179%	0.062	0.792	0.704	0.000	46.280	3.091	12.090	4.632	0.000
%RSD		0.195	70.300	27.590	134.700	0.000	0.409	0.084	0.327	7.051	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	55Mn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:37:04	689.900	11940.000	12110.000	94.512%	1.440	3.555	37.260	18.310	14360.000	17.310
2	14:38:49	701.400	12110.000	12040.000	95.563%	1.072	8.078	22.750	30.300	12450.000	17.310
3	14:40:35	707.600	12300.000	12110.000	95.979%	2.194	10.38015.610		31.970	11480.000	17.050
x		699.600	12120.000	12090.000	95.351%	1.569	7.337	25.210	26.860	12760.000	17.220
σ		8.965	182.600	42.290	0.756%	0.572	3.471	11.040	7.453	1465.000	0.151
%RSD		1.281	1.507	0.350	0.793	36.460	47.310	43.780	27.750	11.480	0.875

Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn	68Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:37:04	223.900	319.5000.648		19.280	18.250	149.200	147.800	30.940	18.210	30.730
2	14:38:49	163.800	253.1000.535		13.880	14.280	143.900	140.300	30.940	-3.075	30.650
3	14:40:35	138.800	219.0000.567		10.230	11.390	144.000	145.900	30.730	-5.723	32.430
x		175.500	263.900	0.583	14.460	14.640	145.700	144.700	30.870	3.139	31.270
σ		43.730	51.150	0.058	4.552	3.443	3.005	3.898	0.120	13.120	1.004
%RSD		24.920	19.380	10.000	31.470	23.520	2.062	2.694	0.388	418.100	3.212

Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo	97Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:37:04	-0.899	9.735	-0.637	0.000	0.000	-0.063140.400		93.087%	2.038	1.845
2	14:38:49	-0.578	-2.703	-1.172	0.000	0.000	-1.825140.700		94.667%	1.875	1.845
3	14:40:35	-0.903	-3.626	1.905	0.000	0.000	0.589141.300		94.769%	2.164	1.732
x		-0.793	1.135	0.032	0.000	0.000	-0.433	140.800	94.174%	2.026	1.807
σ		0.186	7.462	1.644	0.000	0.000	1.249	0.448	0.943%	0.145	0.065
%RSD		23.500	657.300	5125.000	0.000	0.000	288.300	0.318	1.002	7.157	3.598

Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	109Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:37:04	2.193	87.066%	-113.900	2.859	12.570	1.900	12.500	-0.369	-0.369	-6.845
2	14:38:49	2.120	95.364%	-124.800	2.892	12.060	1.954	12.710	0.569	0.569	-6.941
3	14:40:35	1.782	99.190%	-122.600	-0.030	8.609	2.197	12.960	-0.091	-0.091	-6.797
x		2.032	93.874%	-120.400	1.907	11.080	2.017	12.720	0.036	0.036	-6.861
σ		0.220	6.198%	5.790	1.678	2.153	0.158	0.233	0.482	0.482	0.074

%RSD		10.800	6.603	4.809	87.960	19.430	7.828	1.831	1324.000	1324.000	1.073
Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:37:04	0.573	0.227	0.152	91.347%	2.153	-4.912	-5.964	1.974	97.153%	97.312%
2	14:38:49	0.350	-0.061	-0.273	95.393%	2.494	-4.773	-5.997	2.022	100.452%	100.869%
3	14:40:35	0.403	0.103	-0.238	97.065%	2.488	-4.738	-5.884	2.574	102.511%	103.318%
x		0.442	0.089	-0.120	94.602%	2.378	-4.808	-5.948	2.190	100.039%	100.500%
σ		0.117	0.144	0.236	2.940%	0.196	0.092	0.058	0.333	2.703%	3.020%
%RSD		26.430	161.800	197.500	3.108	8.218	1.914	0.976	15.220	2.702	3.005

Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:37:04	M 7936.000	-2.725	-1.407	10.660	9.061	9.951	99.973%	0.000	0.000
2	14:38:49	M 5514.000	-2.751	-1.457	10.190	9.200	9.935	103.877%	0.000	0.000
3	14:40:35	M 3385.000	-2.737	-1.426	10.450	9.455	10.100	106.144%	0.000	0.000
x		M 5611.000	-2.738	-1.430	10.430	9.239	9.995	103.332%	0.000	0.000
σ		M 2277.000	0.013	0.025	0.236	0.200	0.091	3.122%	0.000	0.000
%RSD		M 40.580	0.475	1.760	2.259	2.159	0.910	3.021	0.000	0.000

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User Pre-dilution: 2.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg26	Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:46:35	97.943%	427.700	6.570	6.294	0.000	4689.000	5016.000	5031.000	4517.000	0.000
2	14:48:20	99.379%	419.900	6.125	5.735	0.000	4710.000	5045.000	5057.000	4582.000	0.000
3	14:50:06	98.152%	421.600	7.920	5.824	0.000	4731.000	5021.000	5054.000	4583.000	0.000
x		98.491%	423.100	6.872	5.951	0.000	4710.000	5027.000	5048.000	4560.000	0.000
σ		0.776%	4.104	0.935	0.300	0.000	21.160	15.470	14.090	37.680	0.000
%RSD		0.788	0.970	13.600	5.046	0.000	0.449	0.308	0.279	0.826	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	55Mn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:46:35	4593.000	4959.000	4988.000	96.049%	452.700	494.900	454.400	467.300	9294.000	457.300
2	14:48:20	4661.000	5023.000	4990.000	97.078%	449.700	M 504.000	452.000	468.600	9578.000	455.500
3	14:50:06	4687.000	5071.000	4990.000	96.565%	446.700	M 507.200	446.400	478.100	9736.000	454.400
x		4647.000	5018.000	4989.000	96.564%	449.700	M 502.000	451.000	471.300	9536.000	455.700
σ		48.210	56.500	1.204	0.515%	2.994	M 6.416	4.126	5.890	223.800	1.452
%RSD		1.037	1.126	0.024	0.533	0.666	M 1.278	0.915	1.250	2.346	0.319

Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn	68Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:46:35	5109.000	5120.000	444.900	443.400	455.500	441.000	449.500	420.700	471.700	433.100
2	14:48:20	5106.000	5087.000	439.600	433.700	447.100	435.700	444.200	417.800	463.400	428.500
3	14:50:06	5114.000	5087.000	438.900	434.100	445.400	440.200	447.700	419.400	469.400	430.700
x		5110.000	5098.000	441.100	437.100	449.300	439.000	447.100	419.300	468.200	430.800
σ		4.161	19.250	3.303	5.503	5.403	2.819	2.672	1.436	4.257	2.289
%RSD		0.081	0.378	0.749	1.259	1.202	0.642	0.598	0.342	0.909	0.531

Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo	97Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:46:35	437.500	435.800	408.100	0.000	0.000	416.400	0.243	94.862%	452.200	444.800
2	14:48:20	429.900	440.300	415.900	0.000	0.000	407.400	0.229	96.667%	456.100	451.000
3	14:50:06	426.500	440.300	410.000	0.000	0.000	409.500	0.277	96.385%	450.300	440.300
x		431.300	438.800	411.300	0.000	0.000	411.100	0.250	95.971%	452.800	445.300
σ		5.611	2.596	4.071	0.000	0.000	4.732	0.025	0.971%	2.954	5.357
%RSD		1.301	0.592	0.990	0.000	0.000	1.151	9.977	1.012	0.652	1.203

Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	109Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:46:35	454.400	88.200%	30.570	444.500	455.000	185.200	5.441	457.600	457.600	179.400
2	14:48:20	469.300	97.419%	-195.400	450.700	467.400	184.400	3.437	447.900	447.900	179.300
3	14:50:06	456.800	100.450%	-70.910	444.400	457.400	182.500	4.705	455.600	455.600	176.800
x		460.200	95.356%	-78.570	446.500	460.000	184.000	4.528	453.700	453.700	178.500
σ		8.023	6.380%	113.200	3.641	6.563	1.359	1.014	5.130	5.130	1.448
%RSD		1.743	6.691	144.000	0.815	1.427	0.739	22.390	1.131	1.131	0.811

Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb

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1	14:46:35	443.800	451.200	446.900	93.212%	-0.001	455.700	459.300	450.800	100.144%	100.787%
2	14:48:20	444.300	453.400	453.500	97.227%	0.010	459.500	460.300	447.200	104.042%	104.337%
3	14:50:06	436.700	447.800	446.300	98.393%	0.181	455.000	457.000	446.300	105.794%	106.317%
x		441.600	450.800	448.900	96.277%	0.063	456.700	458.900	448.100	103.327%	103.814%
σ		4.296	2.782	3.966	2.718%	0.102	2.432	1.688	2.397	2.892%	2.802%
%RSD		0.973	0.617	0.883	2.823	161.300	0.532	0.368	0.535	2.799	2.699

Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:46:35	M 1016.000	457.900	457.900	485.900	438.300	460.900	101.246%	0.000	0.000
2	14:48:20	M 1064.000	461.000	464.000	489.400	439.000	463.300	105.567%	0.000	0.000
3	14:50:06	M 657.400	461.000	462.400	485.500	436.700	460.300	107.072%	0.000	0.000
x		M 912.200	460.000	461.400	486.900	438.000	461.500	104.629%	0.000	0.000
σ		M 222.000	1.785	3.131	2.190	1.161	1.615	3.024%	0.000	0.000
%RSD		M 24.340	0.388	0.679	0.450	0.265	0.350	2.891	0.000	0.000

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User Pre-dilution: 2.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:02:36	97.501%	0.032	3.194	2.886	0.000	9537.000	5564.000	5547.000	6.627	0.000
2	15:04:22	100.579%	-0.011	1.808	2.498	0.000	9515.000	5491.000	5501.000	6.747	0.000
3	15:06:07	99.779%	0.016	2.681	2.476	0.000	9486.000	5427.000	5451.000	8.416	0.000
x		99.286%	0.013	2.561	2.620	0.000	9513.000	5494.000	5500.000	7.263	0.000
σ		1.597%	0.022	0.700	0.231	0.000	25.700	68.170	48.040	1.000	0.000
%RSD		1.609	171.600	27.350	8.805	0.000	0.270	1.241	0.874	13.760	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	55Mn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:02:36	1085.000	M 34610.000	M 34080.000	98.905%	1.053	-1.403	2.902	-1.355	8751.000	19.430
2	15:04:22	1081.000	M 34250.000	M 36770.000	98.922%	1.296	3.312	2.569	5.637	9445.000	19.220
3	15:06:07	1070.000	M 34010.000	M 36400.000	99.282%	1.059	1.830	2.813	13.000	9566.000	19.180
x		1079.000	M 34290.000	M 35750.000	99.036%	1.136	1.246	2.761	5.762	9254.000	19.280
σ		7.545	M 303.400	M 1457.000	0.213%	0.139	2.411	0.172	7.180	439.600	0.130
%RSD		0.700	M 0.885	M 4.076	0.215	12.220	193.500	6.244	124.600	4.751	0.676

Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn	68Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:02:36	206.100	360.700	-0.018	0.692	0.705	14.530	14.020	17.240	58.750	18.100
2	15:04:22	202.200	365.400	-0.061	0.500	0.483	16.300	15.940	17.180	59.530	18.200
3	15:06:07	200.800	365.000	-0.005	0.690	0.807	19.810	19.770	17.170	59.940	18.250
x		203.000	363.700	-0.028	0.627	0.665	16.880	16.580	17.200	59.410	18.180
σ		2.726	2.573	0.030	0.111	0.165	2.690	2.926	0.037	0.603	0.074
%RSD		1.343	0.707	105.500	17.630	24.870	15.930	17.650	0.214	1.015	0.408

Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo	97Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:02:36	-0.342	44.210	0.907	0.000	0.000	0.682	104.600	93.702%	1.924	2.066
2	15:04:22	1.040	43.180	-0.678	0.000	0.000	0.540	102.600	97.126%	1.548	1.685
3	15:06:07	0.590	43.410	-1.125	0.000	0.000	-0.382	102.100	97.279%	1.278	1.414
x		0.429	43.600	-0.299	0.000	0.000	0.280	103.100	96.036%	1.583	1.722
σ		0.705	0.542	1.068	0.000	0.000	0.578	1.348	2.023%	0.324	0.327
%RSD		164.100	1.242	357.600	0.000	0.000	206.200	1.307	2.106	20.490	19.020

Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	109Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:02:36	1.943	85.768%	82.270	1.214	0.420	0.500	2.643	-0.074	-0.074	-1.304
2	15:04:22	1.613	93.684%	39.830	-0.229	-0.093	0.459	2.724	0.180	0.180	-1.296
3	15:06:07	1.398	95.917%	-54.570	-0.450	2.219	0.526	2.540	-0.016	-0.016	-1.269
x		1.652	91.790%	22.510	0.179	0.849	0.495	2.636	0.030	0.030	-1.290
σ		0.274	5.333%	70.050	0.904	1.214	0.034	0.092	0.133	0.133	0.019
%RSD		16.610	5.810	311.200	505.800	143.100	6.777	3.497	439.600	439.600	1.443

Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:02:36	0.028	-0.108	-0.064	92.798%	0.273	-0.137	-0.379	4.027	100.596%	101.016%
2	15:04:22	0.048	-0.208	-0.180	96.108%	0.333	-0.116	-0.345	3.908	103.692%	104.631%
3	15:06:07	0.033	-0.052	-0.044	97.297%	0.458	-0.091	-0.272	4.021	106.399%	106.811%

x		0.036	-0.123	-0.096	95.401%	0.354	-0.115	-0.332	3.985	103.562%	104.153%
σ		0.010	0.079	0.073	2.332%	0.094	0.023	0.055	0.067	2.904%	2.927%
%RSD		28.300	64.220	76.150	2.444	26.560	19.880	16.530	1.677	2.804	2.811
Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	15:02:36	84.510	1.194	1.547	1.065	0.974	1.057	101.568%	0.000	0.000	
2	15:04:22	M553.400	0.589	0.827	1.103	0.968	1.055	105.607%	0.000	0.000	
3	15:06:07	-102.600	0.314	0.524	1.110	1.005	1.097	108.092%	0.000	0.000	
x		M178.400	0.699	0.966	1.093	0.982	1.070	105.089%	0.000	0.000	
σ		M337.900	0.450	0.525	0.024	0.020	0.024	3.293%	0.000	0.000	
%RSD		M189.400	64.410	54.380	2.217	2.017	2.232	3.133	0.000	0.000	

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User Pre-dilution: 2.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:10:06	99.431%	-0.010	1.884	1.066	0.000	7022.000	1439.000	1451.000	24.260	0.000
2	15:11:52	98.728%	-0.016	1.308	1.018	0.000	7107.000	1461.000	1464.000	24.280	0.000
3	15:13:37	99.328%	-0.010	1.859	1.223	0.000	7092.000	1449.000	1457.000	23.110	0.000
x		99.162%	-0.012	1.684	1.102	0.000	7074.000	1450.000	1457.000	23.880	0.000
σ		0.380%	0.004	0.326	0.107	0.000	45.240	10.720	6.791	0.668	0.000
%RSD		0.383	30.230	19.350	9.684	0.000	0.639	0.739	0.466	2.796	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	55Mn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:10:06	1222.000	6353.000	6438.000	98.190%	1.558	3.095	10.970	17.640	9416.000	499.800
2	15:11:52	1234.000	6271.000	6515.000	97.986%	1.664	4.167	6.789	19.160	9275.000	498.000
3	15:13:37	1223.000	6276.000	6457.000	98.665%	1.833	4.027	4.906	15.000	9157.000	495.200
x		1226.000	6300.000	6470.000	98.280%	1.685	3.763	7.553	17.270	9283.000	497.700
σ		6.803	46.140	40.340	0.348%	0.139	0.583	3.101	2.105	129.700	2.316
%RSD		0.555	0.732	0.624	0.354	8.236	15.490	41.060	12.190	1.397	0.465

Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn	68Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:10:06	909.800	922.500	0.938	4.197	3.971	14.220	13.550	M874.200	M869.300	M881.800
2	15:11:52	893.400	909.100	0.831	2.758	2.864	13.980	13.820	M866.600	M857.600	M871.300
3	15:13:37	882.300	878.700	0.795	2.162	1.867	14.190	13.990	M861.900	M856.900	M865.000
x		895.200	903.400	0.855	3.039	2.901	14.130	13.790	M867.600	M861.200	M872.700
σ		13.840	22.440	0.074	1.047	1.053	0.131	0.218	M6.223	M6.979	M8.493
%RSD		1.546	2.483	8.691	34.440	36.290	0.928	1.581	M0.717	M0.810	M0.973

Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo	97Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:10:06	0.872	41.040	0.046	0.000	0.000	-0.018	61.970	94.286%	1.162	1.105
2	15:11:52	-0.170	42.810	0.301	0.000	0.000	-0.647	61.730	96.506%	1.127	1.167
3	15:13:37	0.341	41.380	-1.197	0.000	0.000	0.376	61.410	96.151%	0.915	0.952
x		0.348	41.740	-0.283	0.000	0.000	-0.096	61.700	95.648%	1.068	1.075
σ		0.521	0.938	0.802	0.000	0.000	0.516	0.285	1.192%	0.134	0.111
%RSD		149.700	2.246	282.900	0.000	0.000	537.000	0.462	1.246	12.500	10.280

Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	109Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:10:06	1.106	88.588%	-66.380	-0.352	2.766	0.465	2.507	0.263	0.263	-1.301
2	15:11:52	1.039	97.817%	-13.770	-0.437	1.056	0.477	2.680	0.546	0.546	-1.295
3	15:13:37	0.974	99.996%	-38.790	-0.089	2.050	0.488	2.625	0.719	0.719	-1.311
x		1.039	95.467%	-39.650	-0.293	1.957	0.477	2.604	0.509	0.509	-1.302
σ		0.066	6.056%	26.310	0.181	0.859	0.011	0.088	0.230	0.230	0.008
%RSD		6.359	6.344	66.370	61.940	43.860	2.402	3.391	45.200	45.200	0.604

Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:10:06	0.637	0.559	0.574	93.170%	0.046	-0.057	-0.263	15.640	101.498%	102.257%
2	15:11:52	0.531	0.442	0.408	97.562%	0.013	-0.040	-0.251	15.720	105.227%	105.993%
3	15:13:37	0.528	0.434	0.457	98.443%	0.022	0.042	-0.198	15.980	106.599%	107.684%
x		0.565	0.479	0.480	96.392%	0.027	-0.018	-0.237	15.780	104.442%	105.311%
σ		0.062	0.070	0.085	2.824%	0.017	0.053	0.035	0.181	2.640%	2.777%
%RSD		10.970	14.630	17.790	2.930	63.670	286.000	14.560	1.145	2.527	2.637

Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:10:06	66.600	-0.084	0.148	2.011	1.900	1.984	103.413%	0.000	0.000
2	15:11:52	M 651.900	-0.167	0.073	1.907	1.955	1.992	107.566%	0.000	0.000
3	15:13:37	M 744.700	-0.215	0.012	2.013	1.955	2.008	109.636%	0.000	0.000
x		M 487.700	-0.155	0.078	1.977	1.937	1.995	106.872%	0.000	0.000
σ		M 367.700	0.066	0.068	0.061	0.032	0.012	3.169%	0.000	0.000
%RSD		M 75.380	42.680	87.700	3.081	1.644	0.605	2.965	0.000	0.000

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User Pre-dilution: 2.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:17:38	99.862%	-0.024	1.070	0.980	0.000	7914.000	3428.000	3442.000	13.980	0.000
2	15:19:23	99.418%	-0.017	0.065	1.248	0.000	7949.000	3431.000	3441.000	13.580	0.000
3	15:21:08	101.271%	0.022	0.822	1.017	0.000	7977.000	3430.000	3452.000	12.250	0.000
x		100.184%	-0.006	0.653	1.082	0.000	7947.000	3430.000	3445.000	13.270	0.000
σ		0.968%	0.024	0.523	0.145	0.000	31.980	1.247	6.403	0.905	0.000
%RSD		0.966	393.800	80.200	13.440	0.000	0.402	0.036	0.186	6.820	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	55Mn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:17:38	1377.000	5623.000	5848.000	99.358%	1.794	0.588	21.640	25.440	9242.000	89.280
2	15:19:23	1392.000	5677.000	5826.000	99.699%	1.889	4.529	16.770	24.330	9138.000	88.900
3	15:21:08	1401.000	5772.000	5873.000	99.398%	1.624	5.791	12.640	32.630	9165.000	89.390
x		1390.000	5691.000	5849.000	99.485%	1.769	3.636	17.020	27.470	9182.000	89.190
σ		11.850	75.400	23.410	0.186%	0.134	2.714	4.503	4.506	54.090	0.260
%RSD		0.853	1.325	0.400	0.187	7.567	74.650	26.470	16.400	0.589	0.292

Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn	68Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:17:38	452.500	478.600	1.214	8.819	8.633	16.140	15.620	15.010	63.020	16.250
2	15:19:23	434.100	466.000	1.141	6.788	6.483	15.680	15.590	14.820	62.980	16.360
3	15:21:08	423.300	449.200	1.113	5.595	5.574	15.420	15.190	14.870	62.200	16.610
x		436.600	464.600	1.156	7.067	6.897	15.750	15.460	14.900	62.730	16.410
σ		14.780	14.740	0.052	1.630	1.571	0.366	0.238	0.096	0.458	0.184
%RSD		3.386	3.172	4.521	23.070	22.770	2.323	1.536	0.646	0.731	1.123

Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo	97Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:17:38	-0.031	42.840	-0.200	0.000	0.000	0.420	45.660	95.157%	1.182	1.173
2	15:19:23	-0.035	43.800	-0.646	0.000	0.000	0.090	45.970	96.462%	0.965	1.067
3	15:21:08	0.246	40.810	-0.213	0.000	0.000	-0.817	46.010	96.504%	0.812	0.715
x		0.060	42.480	-0.353	0.000	0.000	-0.102	45.880	96.041%	0.986	0.985
σ		0.161	1.524	0.254	0.000	0.000	0.640	0.190	0.766%	0.186	0.240
%RSD		268.800	3.588	71.890	0.000	0.000	627.300	0.414	0.797	18.830	24.370

Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	109Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:17:38	1.231	91.029%	-63.130	-0.194	2.777	0.452	2.502	0.123	0.123	-1.325
2	15:19:23	1.026	100.089%	-11.690	-1.098	0.275	0.454	2.704	0.042	0.042	-1.324
3	15:21:08	0.885	100.813%	-2.472	-0.548	0.635	0.451	2.666	-0.021	-0.021	-1.322
x		1.047	97.310%	-25.760	-0.614	1.229	0.452	2.624	0.048	0.048	-1.324
σ		0.174	5.452%	32.690	0.456	1.353	0.002	0.107	0.072	0.072	0.001
%RSD		16.640	5.603	126.900	74.300	110.100	0.343	4.088	151.000	151.000	0.110

Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:17:38	0.166	0.126	0.077	94.026%	0.045	0.066	-0.238	6.916	101.553%	101.959%
2	15:19:23	0.166	-0.094	-0.090	98.525%	0.078	0.060	-0.149	7.058	105.060%	106.059%
3	15:21:08	0.150	-0.052	-0.069	100.599%	0.146	0.178	-0.051	6.655	107.212%	108.173%
x		0.161	-0.007	-0.027	97.717%	0.090	0.101	-0.146	6.876	104.608%	105.397%
σ		0.009	0.117	0.091	3.360%	0.052	0.066	0.093	0.205	2.857%	3.160%
%RSD		5.524	1786.000	332.000	3.439	57.470	65.590	63.850	2.978	2.731	2.998

Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:17:38	M 1365.000	-0.312	-0.064	0.701	0.598	0.677	103.526%	0.000	0.000

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2	15:19:23	-98.410	-0.354	-0.093	0.715	0.628	0.699	107.623%	0.000	0.000
3	15:21:08	9.212	-0.358	-0.115	0.672	0.598	0.668	109.469%	0.000	0.000
x		M425.200	-0.341	-0.090	0.696	0.608	0.681	106.873%	0.000	0.000
σ		M815.400	0.025	0.025	0.022	0.017	0.016	3.042%	0.000	0.000
%RSD		M191.800	7.472	28.170	3.144	2.839	2.288	2.846	0.000	0.000

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User Pre-dilution: 2.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:25:09	100.076%	-0.004	1.780	1.568	0.000	10860.000	8930.000	9254.000	24.530	0.000
2	15:26:54	102.426%	-0.057	2.252	1.236	0.000	10710.000	8790.000	9138.000	23.940	0.000
3	15:28:40	101.927%	-0.038	0.702	1.336	0.000	10740.000	8821.000	9178.000	24.590	0.000
x		101.476%	-0.033	1.578	1.380	0.000	10770.000	8847.000	9190.000	24.350	0.000
σ		1.238%	0.027	0.794	0.171	0.000	80.690	73.470	59.110	0.359	0.000
%RSD		1.220	82.410	50.330	12.360	0.000	0.749	0.830	0.643	1.475	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	55Mn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:25:09	819.300	M34200.000	M36370.000	99.065%	2.509	-0.721	5.657	1.506	9701.000	5.515
2	15:26:54	805.800	M33890.000	M36030.000	100.459%	2.292	4.120	4.275	14.020	9688.000	5.335
3	15:28:40	809.500	M33910.000	M33270.000	99.748%	2.361	5.350	3.813	18.290	9798.000	5.461
x		811.500	M34000.000	M35220.000	99.757%	2.387	2.916	4.582	11.270	9729.000	5.437
σ		7.006	M175.200	M1702.000	0.697%	0.111	3.210	0.960	8.724	60.000	0.093
%RSD		0.863	M0.515	M4.831	0.699	4.652	110.100	20.940	77.390	0.617	1.704

Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn	68Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:25:09	69.650	228.900	-0.064	2.676	2.368	128.600	128.900	332.800	363.300	333.200
2	15:26:54	60.600	213.800	-0.085	1.937	2.147	127.500	129.300	329.800	351.700	330.000
3	15:28:40	58.680	206.600	-0.080	2.087	2.020	127.800	130.200	330.300	360.800	331.300
x		62.980	216.500	-0.076	2.234	2.178	128.000	129.500	331.000	358.600	331.500
σ		5.855	11.410	0.011	0.391	0.176	0.595	0.629	1.599	6.114	1.640
%RSD		9.297	5.271	14.380	17.490	8.091	0.465	0.486	0.483	1.705	0.495

Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo	97Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:25:09	1.863	44.320	0.497	0.000	0.000	0.486	100.400	96.674%	2.728	2.670
2	15:26:54	0.608	48.990	0.563	0.000	0.000	0.662	99.250	97.984%	2.696	2.470
3	15:28:40	1.208	47.960	-1.116	0.000	0.000	0.553	99.560	97.673%	2.554	2.520
x		1.226	47.090	-0.019	0.000	0.000	0.567	99.750	97.444%	2.659	2.553
σ		0.628	2.455	0.951	0.000	0.000	0.089	0.617	0.685%	0.093	0.104
%RSD		51.200	5.213	5062.000	0.000	0.000	15.640	0.619	0.703	3.488	4.083

Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	109Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:25:09	2.685	92.473%	40.650	-0.969	-0.830	0.460	2.764	0.053	0.053	-1.348
2	15:26:54	2.711	101.908%	-8.414	-0.506	0.769	0.435	2.689	0.281	0.281	-1.313
3	15:28:40	2.749	101.746%	34.140	-0.122	0.051	0.445	2.726	0.159	0.159	-1.327
x		2.715	98.709%	22.130	-0.532	-0.003	0.447	2.726	0.164	0.164	-1.329
σ		0.032	5.401%	26.650	0.424	0.801	0.012	0.038	0.114	0.114	0.018
%RSD		1.178	5.472	120.400	79.600	24190.000	2.751	1.380	69.630	69.630	1.332

Run	Time11	0Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:25:09	0.048	-0.247	-0.208	95.984%	1.653	0.085	-0.133	0.844	102.037%	103.068%
2	15:26:54	0.009	-0.220	-0.215	99.726%	1.667	0.111	-0.086	0.762	106.194%	106.678%
3	15:28:40	0.001	-0.264	-0.207	101.062%	1.539	0.044	0.017	0.789	107.621%	109.191%
x		0.019	-0.243	-0.210	98.924%	1.620	0.080	-0.067	0.799	105.284%	106.312%
σ		0.025	0.022	0.004	2.632%	0.070	0.034	0.077	0.042	2.901%	3.078%
%RSD		131.100	9.140	2.042	2.661	4.333	42.120	114.400	5.235	2.755	2.895

Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:25:09	M710.700	-0.445	-0.217	12.710	12.810	13.050	103.661%	0.000	0.000
2	15:26:54	-97.140	-0.469	-0.229	12.850	12.920	13.170	107.318%	0.000	0.000
3	15:28:40	-358.200	-0.495	-0.245	12.690	13.060	13.110	109.093%	0.000	0.000
x		M85.120	-0.470	-0.230	12.750	12.930	13.110	106.691%	0.000	0.000

σ	M 557.200	0.025	0.014	0.088	0.126	0.064	2.770%	0.000	0.000
%RSD	M 654.600	5.248	6.038	0.694	0.974	0.488	2.596	0.000	0.000

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User Pre-dilution: 2.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:32:40	101.368%	-0.064	2.829	1.816	0.000	10760.000	3244.000	3261.000	9.746	0.000
2	15:34:26	101.340%	-0.031	1.776	1.104	0.000	10660.000	3235.000	3247.000	9.529	0.000
3	15:36:11	101.512%	-0.051	1.006	0.454	0.000	10770.000	3252.000	3256.000	9.704	0.000
x		101.407%	-0.048	1.871	1.125	0.000	10730.000	3244.000	3255.000	9.660	0.000
σ		0.093%	0.017	0.915	0.681	0.000	60.830	8.678	6.973	0.115	0.000
%RSD		0.091	34.050	48.910	60.550	0.000	0.567	0.268	0.214	1.192	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	55Mn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:32:40	626.800	11480.000	11750.000	99.334%	1.715	4.006	11.710	22.620	9769.000	8.513
2	15:34:26	624.800	11560.000	11700.000	100.323%	1.620	1.536	6.944	16.030	9611.000	8.483
3	15:36:11	626.100	11470.000	11650.000	99.761%	1.605	6.506	5.255	25.290	9536.000	8.313
x		625.900	11500.000	11700.000	99.806%	1.647	4.016	7.969	21.310	9639.000	8.436
σ		1.005	48.520	52.840	0.496%	0.060	2.485	3.345	4.768	118.700	0.108
%RSD		0.161	0.422	0.452	0.497	3.647	61.870	41.980	22.370	1.232	1.278

Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn	68Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:32:40	94.470	144.200	0.049	5.964	6.199	37.530	37.760	12.000	59.430	12.920
2	15:34:26	78.400	119.800	0.012	4.210	4.856	37.360	36.960	11.880	58.430	12.740
3	15:36:11	71.560	114.000	-0.000	3.826	3.621	38.020	37.770	12.110	60.990	13.480
x		81.480	126.000	0.020	4.667	4.892	37.640	37.490	12.000	59.620	13.050
σ		11.760	16.010	0.026	1.140	1.289	0.340	0.465	0.112	1.290	0.385
%RSD		14.430	12.710	126.900	24.430	26.360	0.903	1.241	0.936	2.164	2.950

Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo	97Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:32:40	-1.106	51.180	-1.007	0.000	0.000	-1.060	135.300	96.944%	0.680	0.816
2	15:34:26	0.279	44.920	-0.497	0.000	0.000	-0.081	135.900	97.114%	0.533	0.563
3	15:36:11	0.717	42.320	-0.588	0.000	0.000	0.033	136.300	96.619%	0.640	0.570
x		-0.037	46.140	-0.698	0.000	0.000	-0.369	135.800	96.892%	0.618	0.650
σ		0.952	4.556	0.272	0.000	0.000	0.601	0.501	0.252%	0.076	0.144
%RSD		2592.000	9.875	38.990	0.000	0.000	162.700	0.369	0.260	12.250	22.230

Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	109Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:32:40	0.645	93.310%	77.760-	1.783	-2.732	0.369	2.913	0.052	0.052	-1.402
2	15:34:26	0.614	101.715%	-4.939	-1.891	-0.722	0.372	2.769	-0.082	-0.082	-1.384
3	15:36:11	0.549	101.338%	30.590	0.747	1.065	0.436	2.627	-0.082	-0.082	-1.385
x		0.603	98.787%	34.470	-0.976	-0.796	0.392	2.770	-0.037	-0.037	-1.390
σ		0.049	4.748%	41.490	1.493	1.900	0.038	0.143	0.078	0.078	0.010
%RSD		8.142	4.806	120.400	152.900	238.600	9.664	5.161	207.400	207.400	0.710

Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:32:40	0.002	-0.398	-0.313	95.383%	1.145	0.081	-0.126	0.877	102.387%	103.315%
2	15:34:26	-0.008	-0.292	-0.269	100.110%	1.301	0.140	-0.052	1.018	106.806%	107.584%
3	15:36:11	-0.008	-0.172	-0.149	101.431%	1.441	0.249	-0.069	0.852	108.479%	109.273%
x		-0.004	-0.287	-0.244	98.975%	1.296	0.157	-0.082	0.916	105.891%	106.724%
σ		0.006	0.113	0.085	3.180%	0.148	0.085	0.039	0.090	3.147%	3.070%
%RSD		132.300	39.290	34.950	3.213	11.420	54.450	47.190	9.803	2.972	2.877

Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:32:40	M 5989.000	-0.522	-0.284	6.727	6.533	6.773	104.167%	0.000	0.000
2	15:34:26	M 4956.000	-0.534	-0.289	6.739	6.593	6.768	108.756%	0.000	0.000
3	15:36:11	M 5590.000	-0.550	-0.295	6.659	6.489	6.708	110.552%	0.000	0.000
x		M 5512.000	-0.536	-0.289	6.708	6.539	6.750	107.825%	0.000	0.000
σ		M 520.500	0.014	0.005	0.043	0.052	0.036	3.293%	0.000	0.000
%RSD		M 9.444	2.587	1.875	0.648	0.798	0.535	3.054	0.000	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:40:10	93.290%	121.900	128.800	128.800	0.000	5220.000	4908.000	5130.000	5156.000	0.000
2	15:41:55	92.540%	122.400	134.700	134.800	0.000	5338.000	5223.000	5220.000	5244.000	0.000
3	15:43:41	92.264%	122.100	137.300	136.100	0.000	5342.000	5215.000	5251.000	5270.000	0.000
x		92.698%	122.100	133.600	133.200	0.000	5300.000	5115.000	5200.000	5223.000	0.000
σ		0.531%	0.231	4.396	3.906	0.000	69.260	179.300	62.800	59.860	0.000
%RSD		0.573	0.189	3.290	2.932	0.000	1.307	3.505	1.208	1.146	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	55Mn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:40:10	5159.000	5157.000	5077.000	93.779%	120.400	119.900	134.200	135.300	1730.000	122.100
2	15:41:55	5220.000	5174.000	5086.000	94.372%	121.900	119.400	127.400	127.600	1665.000	122.200
3	15:43:41	5256.000	5141.000	5098.000	94.125%	121.100	120.300	123.300	123.400	1630.000	122.500
x		5212.000	5158.000	5087.000	94.092%	121.100	119.900	128.300	128.700	1675.000	122.300
σ		49.100	16.740	10.350	0.298%	0.716	0.430	5.482	6.058	50.580	0.201
%RSD		0.942	0.325	0.203	0.317	0.591	0.359	4.273	4.706	3.020	0.165

Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn	68Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:40:10	5147.000	5083.000	119.400	121.500	125.700	118.100	119.200	121.500	120.000	122.200
2	15:41:55	5159.000	5084.000	119.800	119.200	123.400	117.700	119.600	121.100	121.500	122.000
3	15:43:41	5143.000	5062.000	119.600	119.200	122.600	118.500	119.900	123.000	122.000	123.300
x		5150.000	5076.000	119.600	120.000	123.900	118.100	119.600	121.900	121.200	122.500
σ		7.948	12.440	0.185	1.322	1.600	0.447	0.304	1.000	1.087	0.653
%RSD		0.154	0.245	0.155	1.102	1.292	0.378	0.254	0.820	0.897	0.533

Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo	97Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:40:10	123.100	120.000	123.000	0.000	0.000	123.300	121.700	92.917%	123.300	121.500
2	15:41:55	122.300	119.500	122.800	0.000	0.000	122.400	122.500	93.381%	123.200	120.600
3	15:43:41	122.400	124.300	126.000	0.000	0.000	122.600	122.400	93.035%	124.800	121.800
x		122.600	121.300	123.900	0.000	0.000	122.800	122.200	93.111%	123.800	121.300
σ		0.431	2.601	1.755	0.000	0.000	0.466	0.439	0.241%	0.901	0.651
%RSD		0.352	2.145	1.416	0.000	0.000	0.379	0.359	0.259	0.728	0.537

Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	109Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:40:10	125.100	90.051%	106.100	119.600	120.000	120.600	2.336	124.600	124.600	117.800
2	15:41:55	125.000	97.323%	131.500	123.400	123.100	120.700	2.708	132.600	132.600	117.400
3	15:43:41	126.500	96.670%	78.550	125.300	126.600	122.900	1.944	126.100	126.100	118.000
x		125.500	94.682%	105.400	122.800	123.200	121.400	2.329	127.800	127.800	117.700
σ		0.834	4.024%	26.460	2.882	3.261	1.292	0.382	4.269	4.269	0.297
%RSD		0.665	4.250	25.120	2.347	2.646	1.064	16.390	3.341	3.341	0.253

Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:40:10	121.900	124.000	124.000	91.514%	122.100	125.300	126.000	119.700	98.545%	99.459%
2	15:41:55	121.300	124.000	123.400	96.083%	123.000	125.600	126.600	118.800	101.589%	103.153%
3	15:43:41	122.300	125.000	124.000	96.933%	122.300	125.400	126.100	119.000	103.120%	104.309%
x		121.900	124.300	123.800	94.843%	122.400	125.400	126.300	119.200	101.085%	102.307%
σ		0.497	0.560	0.365	2.915%	0.461	0.145	0.317	0.448	2.329%	2.533%
%RSD		0.408	0.451	0.295	3.073	0.377	0.116	0.251	0.376	2.304	2.476

Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:40:10	M 316.200	122.800	119.500	122.900	121.500	123.500	100.419%	0.000	0.000
2	15:41:55	94.760	124.200	120.500	124.400	123.200	124.600	103.981%	0.000	0.000
3	15:43:41	M 344.100	124.600	120.700	124.300	122.800	124.500	105.098%	0.000	0.000
x		M 251.700	123.900	120.200	123.900	122.500	124.200	103.166%	0.000	0.000
σ		M 136.600	0.929	0.639	0.808	0.868	0.602	2.444%	0.000	0.000
%RSD		M 54.280	0.750	0.532	0.652	0.709	0.485	2.369	0.000	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb

1	15:47:38	93.191%	0.040	2.709	2.828	0.000	3.826	2.041	1.701	3.362	0.000
2	15:49:24	92.847%	0.094	1.737	1.155	0.000	3.837	1.845	1.291	3.337	0.000
3	15:51:09	93.317%	0.036	0.786	0.785	0.000	1.845	-0.277	-0.642	1.500	0.000
x		93.118%	0.057	1.744	1.589	0.000	3.169	1.203	0.783	2.733	0.000
σ		0.243%	0.032	0.962	1.088	0.000	1.147	1.286	1.251	1.068	0.000
%RSD		0.261	56.640	55.140	68.480	0.000	36.180	106.900	159.800	39.060	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	55Mn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:47:38	6.822	-6.172	-27.160	94.106%	0.023	1.089	6.745	7.485	1807.000	0.217
2	15:49:24	6.957	-4.875	-28.000	95.033%	0.014	1.617	2.797	5.238	1735.000	0.115
3	15:51:09	4.287	-11.910	-32.420	96.095%	-0.007	1.527	1.161	3.234	1693.000	0.046
x		6.022	-7.652	-29.190	95.078%	0.010	1.411	3.568	5.319	1745.000	0.126
σ		1.504	3.743	2.827	0.995%	0.016	0.282	2.870	2.127	57.790	0.086
%RSD		24.970	48.910	9.683	1.047	155.000	20.000	80.450	39.980	3.312	68.440

Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn	68Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:47:38	20.990	23.130	0.118	2.245	2.580	0.453	0.150	-0.152	1.304	-0.108
2	15:49:24	9.015	10.180	0.082	0.880	1.124	0.122	-0.179	-0.189	0.617	-0.082
3	15:51:09	2.449	3.150	0.051	0.373	0.459	-0.055	-0.357	-0.218	0.251	-0.187
x		10.820	12.150	0.084	1.166	1.388	0.173	-0.129	-0.186	0.724	-0.126
σ		9.401	10.140	0.033	0.968	1.085	0.258	0.258	0.033	0.535	0.054
%RSD		86.900	83.390	39.990	83.030	78.190	148.600	199.800	17.980	73.900	43.310

Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo	97Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:47:38	-0.017	3.126	0.163	0.000	0.000	0.072	0.101	93.141%	0.880	0.793
2	15:49:24	0.036	2.306	0.299	0.000	0.000	0.101	0.085	93.411%	0.559	0.483
3	15:51:09	-0.133	1.857	0.557	0.000	0.000	-0.417	0.038	93.378%	0.356	0.318
x		-0.038	2.429	0.340	0.000	0.000	-0.081	0.075	93.310%	0.598	0.531
σ		0.087	0.643	0.200	0.000	0.000	0.291	0.033	0.147%	0.264	0.241
%RSD		229.400	26.480	58.890	0.000	0.000	358.100	43.700	0.157	44.140	45.450

Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	109Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:47:38	0.801	91.005%	14.980	0.550	0.738	0.250	1.305	0.063	0.063	-0.639
2	15:49:24	0.488	98.111%	-44.200	0.138	1.881	0.252	1.232	0.149	0.149	-0.628
3	15:51:09	0.356	98.264%	0.872	0.303	0.835	0.214	1.303	0.085	0.085	-0.678
x		0.548	95.793%	-9.450	0.330	1.151	0.239	1.280	0.099	0.099	-0.648
σ		0.229	4.147%	30.910	0.207	0.634	0.021	0.042	0.045	0.045	0.026
%RSD		41.710	4.329	327.100	62.840	55.030	8.968	3.243	45.330	45.330	4.014

Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb12	3Sb	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:47:38	0.110	0.021	0.013	91.903%	0.065	-0.338	-0.468	0.096	97.975%	98.310%
2	15:49:24	0.101	0.096	0.038	96.040%	0.006	-0.339	-0.459	0.068	101.749%	102.612%
3	15:51:09	0.049	-0.029	-0.051	97.273%	-0.038	-0.387	-0.497	0.012	103.755%	104.467%
x		0.087	0.029	-0.000	95.072%	0.011	-0.355	-0.474	0.059	101.160%	101.796%
σ		0.033	0.063	0.046	2.813%	0.052	0.028	0.020	0.043	2.935%	3.158%
%RSD		37.750	214.100	19610.000	2.959	461.400	7.941	4.155	72.770	2.901	3.103

Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:47:38	117.800	0.338	0.480	0.084	0.037	0.068	100.191%	0.000	0.000
2	15:49:24	223.400	0.117	0.241	0.076	0.018	0.056	104.172%	0.000	0.000
3	15:51:09	-296.400	-0.015	0.083	0.029	-0.002	0.017	106.186%	0.000	0.000
x		14.930	0.147	0.268	0.063	0.018	0.047	103.516%	0.000	0.000
σ		274.800	0.178	0.200	0.030	0.020	0.027	3.051%	0.000	0.000
%RSD		1840.000	121.400	74.620	46.890	111.900	57.010	2.947	0.000	0.000

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User Pre-dilution: 2.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:55:08	99.844%	-0.050	5.392	3.664	0.000	9975.000	5160.000	5180.000	4.871	0.000
2	15:56:54	102.161%	-0.038	3.021	3.463	0.000	9995.000	5123.000	5147.000	4.295	0.000
3	15:58:39	101.027%	0.055	4.107	3.655	0.000	9990.000	5137.000	5132.000	4.340	0.000

x		101.011%	-0.011	4.173	3.594	0.000	9987.000	5140.000	5153.000	4.502	0.000
σ		1.159%	0.057	1.187	0.113	0.000	10.070	18.340	24.560	0.320	0.000
%RSD		1.147	514.000	28.440	3.153	0.000	0.101	0.357	0.476	7.111	0.000
Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	55Mn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:55:08	509.900	M 22920.000	M 22910.000	99.144%	1.294	4.653	7.388	28.460	9296.000	1.585
2	15:56:54	511.000	M 23050.000	M 22860.000	99.743%	1.194	4.399	5.190	18.270	9278.000	1.633
3	15:58:39	502.100	M 22820.000	M 22630.000	101.341%	1.651	7.165	4.399	17.630	9115.000	1.663
x		507.700	M 22930.000	M 22800.000	100.076%	1.379	5.406	5.659	21.450	9229.000	1.627
σ		4.853	M 113.100	M 149.000	1.136%	0.240	1.529	1.549	6.072	99.550	0.040
%RSD		0.956	M 0.493	M 0.653	1.135	17.430	28.290	27.370	28.300	1.079	2.434
Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn	68Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:55:08	40.120	147.800	-0.012	2.223	1.982	29.350	29.350	52.640	95.760	53.520
2	15:56:54	32.000	135.800	-0.025	1.597	1.838	30.280	30.160	52.980	96.020	52.570
3	15:58:39	29.060	124.800	-0.029	1.234	1.230	31.670	31.060	52.000	92.260	52.600
x		33.720	136.100	-0.022	1.685	1.684	30.430	30.190	52.540	94.680	52.900
σ		5.727	11.480	0.009	0.500	0.399	1.166	0.855	0.495	2.097	0.540
%RSD		16.980	8.434	40.510	29.710	23.720	3.832	2.831	0.943	2.214	1.021
Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo	97Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:55:08	0.487	42.160	0.367	0.000	0.000	-0.553	119.400	96.213%	1.096	1.117
2	15:56:54	-0.334	46.430	0.502	0.000	0.000	0.498	118.800	97.531%	1.028	0.766
3	15:58:39	1.119	40.710	-0.109	0.000	0.000	-0.195	118.500	97.869%	0.855	0.871
x		0.424	43.100	0.253	0.000	0.000	-0.083	118.900	97.204%	0.993	0.918
σ		0.729	2.974	0.321	0.000	0.000	0.534	0.465	0.875%	0.124	0.181
%RSD		171.900	6.900	126.600	0.000	0.000	642.800	0.391	0.900	12.520	19.670
Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	109Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:55:08	1.158	93.322%	12.170	-0.819	0.049	0.414	2.725	0.312	0.312	-1.376
2	15:56:54	0.915	101.493%	63.770	-0.089	-0.747	0.352	2.779	0.039	0.039	-1.387
3	15:58:39	0.949	101.434%	-33.350	-1.456	0.566	0.382	2.660	-0.143	-0.143	-1.387
x		1.007	98.750%	14.200	-0.788	-0.044	0.383	2.721	0.069	0.069	-1.383
σ		0.131	4.701%	48.590	0.684	0.661	0.031	0.060	0.229	0.229	0.006
%RSD		13.050	4.760	342.300	86.790	1503.000	8.054	2.201	329.700	329.700	0.435
Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:55:08	0.052	-0.210	-0.177	95.484%	0.825	-0.086	-0.293	1.844	101.810%	102.426%
2	15:56:54	0.026	-0.270	-0.222	100.272%	0.827	0.007	-0.242	1.880	105.572%	106.632%
3	15:58:39	0.030	-0.190	-0.180	101.628%	0.904	0.027	-0.232	1.712	107.208%	108.066%
x		0.036	-0.223	-0.193	99.128%	0.852	-0.017	-0.256	1.812	104.864%	105.708%
σ		0.014	0.041	0.025	3.228%	0.045	0.060	0.033	0.088	2.768%	2.932%
%RSD		38.860	18.480	13.050	3.256	5.327	346.300	12.980	4.857	2.639	2.773
Run	Time20	2Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	15:55:08	M 711.600	-0.271	-0.069	8.674	8.484	8.763	103.718%	0.000	0.000	
2	15:56:54	152.200	-0.398	-0.133	8.406	8.600	8.792	107.417%	0.000	0.000	
3	15:58:39	-353.300	-0.412	-0.168	8.754	8.710	8.835	108.294%	0.000	0.000	
x		M 170.200	-0.360	-0.123	8.611	8.598	8.797	106.476%	0.000	0.000	
σ		M 532.700	0.078	0.050	0.182	0.113	0.036	2.429%	0.000	0.000	
%RSD		M 313.000	21.520	40.820	2.118	1.312	0.409	2.281	0.000	0.000	

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User Pre-dilution: 2.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:02:40	100.899%	-0.018	3.329	3.091	0.000	11680.000	3533.000	3563.000	6.102	0.000
2	16:04:26	100.771%	-0.044	2.517	2.772	0.000	11800.000	3573.000	3580.000	5.764	0.000
3	16:06:11	101.275%	-0.031	5.928	2.881	0.000	11740.000	3550.000	3555.000	5.503	0.000
x		100.982%	-0.031	3.925	2.915	0.000	11740.000	3552.000	3566.000	5.790	0.000
σ		0.262%	0.013	1.782	0.162	0.000	59.590	19.770	12.810	0.300	0.000
%RSD		0.259	42.710	45.400	5.563	0.000	0.508	0.557	0.359	5.180	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	55Mn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:02:40	536.100	M 24190.000	M 24160.000	100.024%	1.766	1.785	30.220	39.240	9212.000	342.700
2	16:04:26	536.200	M 24380.000	M 24300.000	100.476%	1.731	5.790	17.380	31.660	9083.000	341.800
3	16:06:11	536.300	M 24110.000	M 24200.000	101.262%	1.577	5.441	15.410	32.700	9054.000	339.700
x		536.200	M 24220.000	M 24220.000	100.587%	1.692	4.338	21.010	34.530	9116.000	341.400
σ		0.108	M 137.300	M 71.520	0.626%	0.101	2.219	8.044	4.111	84.000	1.526
%RSD		0.020	M 0.567	M 0.295	0.623	5.941	51.140	38.290	11.900	0.921	0.447

Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn	68Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:02:40	714.500	809.400	0.161	9.859	10.920	10.510	10.340	244.200	275.800	244.300
2	16:04:26	677.300	768.000	0.048	5.671	5.809	9.302	8.953	241.800	275.800	244.700
3	16:06:11	672.000	744.100	0.052	4.943	4.949	9.461	9.094	242.600	270.000	245.000
x		687.900	773.800	0.087	6.825	7.227	9.758	9.463	242.900	273.900	244.700
σ		23.190	33.040	0.064	2.653	3.231	0.656	0.765	1.236	3.362	0.366
%RSD		3.371	4.269	73.320	38.880	44.700	6.726	8.081	0.509	1.227	0.150

Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo	97Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:02:40	0.398	43.690	1.384	0.000	0.000	-0.476	104.500	96.583%	1.481	1.498
2	16:04:26	0.091	45.060	0.068	0.000	0.000	-0.269	103.700	97.690%	1.292	1.171
3	16:06:11	0.719	42.550	-0.679	0.000	0.000	-0.006	104.400	97.034%	1.188	1.285
x		0.402	43.770	0.258	0.000	0.000	-0.250	104.200	97.102%	1.320	1.318
σ		0.314	1.259	1.044	0.000	0.000	0.236	0.416	0.557%	0.148	0.166
%RSD		78.040	2.878	404.900	0.000	0.000	94.120	0.399	0.574	11.230	12.600

Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	109Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:02:40	1.527	94.213%	62.040	-0.889	-1.393	0.387	2.829	0.244	0.244	-1.391
2	16:04:26	1.289	101.532%	25.270	-0.359	0.028	0.371	2.712	-0.082	-0.082	-1.379
3	16:06:11	1.171	101.064%	-31.450	-0.755	1.229	0.357	2.629	0.099	0.099	-1.385
x		1.329	98.936%	18.620	-0.668	-0.046	0.372	2.723	0.087	0.087	-1.385
σ		0.181	4.097%	47.100	0.275	1.313	0.015	0.100	0.163	0.163	0.006
%RSD		13.630	4.141	253.000	41.230	2876.000	4.016	3.681	187.700	187.700	0.434

Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:02:40	0.007	-0.280	-0.230	96.182%	0.165	0.061	-0.123	35.790	101.655%	102.265%
2	16:04:26	0.039	-0.234	-0.204	100.214%	0.156	0.121	-0.050	35.540	105.562%	106.361%
3	16:06:11	0.035	-0.157	-0.141	101.185%	0.093	0.146	-0.115	35.180	107.267%	108.406%
x		0.027	-0.224	-0.192	99.194%	0.138	0.110	-0.096	35.500	104.828%	105.677%
σ		0.018	0.062	0.045	2.653%	0.039	0.044	0.040	0.302	2.877%	3.127%
%RSD		65.670	27.780	23.730	2.675	28.380	39.780	41.400	0.851	2.744	2.959

Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:02:40	-190.600	-0.486	-0.235	0.988	0.914	0.980	102.994%	0.000	0.000
2	16:04:26	-345.100	-0.513	-0.271	0.964	0.939	0.962	106.931%	0.000	0.000
3	16:06:11	-477.000	-0.516	-0.289	0.991	0.940	0.977	108.189%	0.000	0.000
x		-337.600	-0.505	-0.265	0.981	0.931	0.973	106.038%	0.000	0.000
σ		143.400	0.016	0.027	0.015	0.015	0.010	2.710%	0.000	0.000
%RSD		42.480	3.228	10.360	1.524	1.598	0.993	2.556	0.000	0.000

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:10:10	101.953%	-0.051	1.742	1.783	0.000	10120.000	3910.000	3916.000	4.982	0.000
2	16:11:56	102.462%	-0.051	2.482	1.256	0.000	10180.000	3934.000	3960.000	4.443	0.000
3	16:13:41	103.547%	-0.058	1.244	1.234	0.000	10050.000	3894.000	3896.000	4.728	0.000
x		102.654%	-0.053	1.822	1.425	0.000	10120.000	3913.000	3924.000	4.718	0.000
σ		0.814%	0.004	0.623	0.311	0.000	65.570	20.350	32.640	0.270	0.000
%RSD		0.793	7.406	34.190	21.800	0.000	0.648	0.520	0.832	5.721	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	55Mn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:10:10	625.900	10050.000	10260.000	101.220%	1.844	-0.388	105.300	108.700	8824.000	5.562

2	16:11:56	633.100	10290.000	10270.000	101.309%	1.626	3.410	38.600	54.960	8735.000	3.864
3	16:13:41	631.100	10040.000	10290.000	101.700%	1.946	5.919	25.710	40.990	8638.000	3.622
x		630.000	10130.000	10270.000	101.410%	1.805	2.981	56.550	68.210	8732.000	4.349
σ		3.725	142.200	13.010	0.256%	0.164	3.176	42.740	35.740	92.960	1.057
%RSD		0.591	1.404	0.127	0.252	9.060	106.500	75.590	52.390	1.065	24.310

Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn	68Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:10:10	311.400	355.500	0.636	37.550	38.880	53.310	54.110	26.670	67.950	28.100
2	16:11:56	115.900	151.700	0.227	13.330	13.980	47.860	48.360	26.750	70.260	28.160
3	16:13:41	80.330	120.000	0.150	8.703	8.766	47.860	47.780	26.990	70.970	27.370
x		169.200	209.100	0.338	19.860	20.540	49.680	50.080	26.810	69.730	27.880
σ		124.400	127.800	0.261	15.490	16.090	3.145	3.498	0.166	1.579	0.443
%RSD		73.520	61.120	77.260	78.010	78.340	6.331	6.984	0.619	2.264	1.588

Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo	97Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:10:10	0.834	38.600	0.771	0.000	0.000	0.012	54.140	97.236%	2.229	1.807
2	16:11:56	0.677	37.810	-0.196	0.000	0.000	-0.826	54.180	98.400%	1.096	1.167
3	16:13:41	-0.246	42.870	0.074	0.000	0.000	-0.306	54.390	98.406%	1.017	0.958
x		0.421	39.760	0.216	0.000	0.000	-0.373	54.240	98.014%	1.447	1.311
σ		0.584	2.719	0.499	0.000	0.000	0.423	0.132	0.674%	0.678	0.443
%RSD		138.500	6.840	230.700	0.000	0.000	113.300	0.244	0.687	46.870	33.760

Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	109Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:10:10	2.113	94.268%	32.490	0.059	0.392	0.352	2.668	-0.078	-0.078	-1.428
2	16:11:56	1.000	102.216%	-146.600	-1.007	4.096	0.341	2.407	-0.023	-0.023	-1.415
3	16:13:41	0.832	102.835%	-26.750	-1.068	0.779	0.342	2.663	0.095	0.095	-1.423
x		1.315	99.773%	-46.960	-0.672	1.756	0.345	2.580	-0.002	-0.002	-1.422
σ		0.696	4.777%	91.260	0.634	2.036	0.006	0.149	0.089	0.089	0.006
%RSD		52.930	4.788	194.300	94.350	116.000	1.732	5.781	4501.000	4501.000	0.449

Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:10:10	0.025	-0.128	-0.148	96.468%	0.922	0.050	-0.157	1.924	102.166%	102.854%
2	16:11:56	0.039	0.017	-0.024	101.531%	1.041	0.152	-0.111	1.983	106.396%	107.455%
3	16:13:41	0.029	-0.182	-0.168	102.932%	1.017	0.198	-0.065	1.940	108.613%	109.202%
x		0.031	-0.098	-0.113	100.310%	0.993	0.133	-0.111	1.949	105.725%	106.503%
σ		0.007	0.103	0.078	3.401%	0.063	0.076	0.046	0.030	3.275%	3.279%
%RSD		22.810	105.000	68.880	3.390	6.306	56.800	41.060	1.561	3.098	3.079

Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:10:10	-69.210	-0.577	-0.313	13.170	13.100	13.320	104.102%	0.000	0.000
2	16:11:56	-102.600	-0.567	-0.335	13.390	13.330	13.550	107.967%	0.000	0.000
3	16:13:41	-118.400	-0.606	-0.327	13.300	13.090	13.460	110.011%	0.000	0.000
x		-96.720	-0.583	-0.325	13.290	13.170	13.440	107.360%	0.000	0.000
σ		25.100	0.021	0.011	0.109	0.133	0.119	3.001%	0.000	0.000
%RSD		25.960	3.524	3.425	0.821	1.007	0.883	2.795	0.000	0.000

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:17:39	103.047%	-0.038	6.308	5.617	0.000	14460.000	7784.000	8074.000	6.272	0.000
2	16:19:24	103.859%	-0.000	6.252	5.778	0.000	14620.000	7831.000	8196.000	6.087	0.000
3	16:21:10	105.809%	-0.052	5.003	5.937	0.000	14310.000	7702.000	8059.000	6.127	0.000
x		104.238%	-0.030	5.854	5.777	0.000	14470.000	7772.000	8110.000	6.162	0.000
σ		1.419%	0.027	0.738	0.160	0.000	154.600	65.250	75.210	0.097	0.000
%RSD		1.362	89.080	12.600	2.763	0.000	1.068	0.840	0.927	1.576	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	55Mn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:17:39	1361.000	M 69650.000	M 75300.000	101.254%	0.856	-1.152	39.380	47.180	9132.000	171.900
2	16:19:24	1378.000	M 70390.000	M 75570.000	101.700%	0.926	2.234	19.430	29.150	9284.000	171.400
3	16:21:10	1360.000	M 70540.000	M 75220.000	102.282%	0.857	4.163	12.110	28.760	9318.000	169.800
x		1366.000	M 70200.000	M 75360.000	101.746%	0.879	1.748	23.640	35.030	9244.000	171.000

σ		9.912	M 474.800	M 181.000	0.515%	0.040	2.690	14.110	10.520	99.140	1.097
%RSD		0.726	M 0.676	M 0.240	0.507	4.577	153.900	59.690	30.040	1.072	0.642
Run	**Time**	**56Fe**	**57Fe**	**59Co**	**60Ni**	**62Ni**	**63Cu**	**65Cu**	**66Zn**	**67Zn**	**68Zn**
		ppb	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**
1	16:17:39	195.100	511.400	0.096	13.200	14.030	12.170	12.020	18.360	65.300	21.220
2	16:19:24	134.700	453.100	-0.039	6.570	6.625	10.830	10.740	19.400	63.840	21.110
3	16:21:10	110.300	418.800	-0.086	3.814	3.721	10.260	10.030	18.570	67.320	20.720
x		146.700	461.100	-0.010	7.861	8.124	11.090	10.930	18.780	65.480	21.020
σ		43.680	46.810	0.095	4.824	5.314	0.983	1.007	0.547	1.747	0.261
%RSD		29.780	10.150	962.800	61.370	65.410	8.864	9.206	2.915	2.667	1.243
Run	**Time**	**75As**	**77Se**	**78Se**	**79Br**	**81Br**	**82Se**	**88Sr**	**89Y**	**95Mo**	**97Mo**
		ppb	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**
1	16:17:39	1.939	44.450	1.512	0.000	0.000	0.324	412.200	98.414%	1.470	1.342
2	16:19:24	0.844	46.480	1.179	0.000	0.000	0.044	414.400	99.132%	1.223	1.227
3	16:21:10	0.993	43.770	0.835	0.000	0.000	0.431	412.300	98.899%	1.110	1.152
x		1.259	44.900	1.175	0.000	0.000	0.266	413.000	98.815%	1.267	1.240
σ		0.594	1.411	0.339	0.000	0.000	0.200	1.243	0.366%	0.184	0.096
%RSD		47.200	3.142	28.830	0.000	0.000	75.170	0.301	0.371	14.530	7.751
Run	**Time**	**98Mo**	**103Rh**	**105Pd**	**106Pd**	**106Cd**	**107Ag**	**108Mo O**	**108Pd**	**108Cd**	**109Ag**
		ppb	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**
1	16:17:39	1.452	94.383%	170.800	-1.251	-4.705	0.608	3.058	0.050	0.050	-1.177
2	16:19:24	1.285	102.472%	281.900	0.432	-6.155	0.568	3.187	0.097	0.097	-1.207
3	16:21:10	1.240	102.223%	251.700	-0.810	-6.555	0.593	3.211	0.096	0.096	-1.189
x		1.326	99.692%	234.800	-0.543	-5.805	0.590	3.152	0.081	0.081	-1.191
σ		0.112	4.600%	57.480	0.872	0.973	0.020	0.083	0.027	0.027	0.015
%RSD		8.421	4.614	24.480	160.700	16.770	3.443	2.618	33.460	33.460	1.265
Run	**Time**	**110Pd**	**111Cd**	**114Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**159Tb**	**165Ho**
		ppb	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**
1	16:17:39	0.024	-0.515	-0.392	97.052%	0.293	0.430	0.171	45.290	103.002%	103.124%
2	16:19:24	-0.008	-0.648	-0.491	102.069%	0.269	0.512	0.257	44.960	106.769%	107.582%
3	16:21:10	0.021	-0.642	-0.501	102.815%	0.265	0.419	0.174	44.380	108.681%	109.021%
x		0.013	-0.602	-0.461	100.645%	0.276	0.454	0.201	44.870	106.151%	106.576%
σ		0.018	0.076	0.060	3.134%	0.015	0.051	0.049	0.460	2.889%	3.074%
%RSD		143.400	12.540	13.030	3.114	5.412	11.190	24.500	1.024	2.722	2.885
Run	**Time**	**202Hg**	**203Tl**	**205Tl**	**206Pb**	**207Pb**	**208Pb**	**209Bi**	**220Bkg**	**238U**	
		ppb	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	
1	16:17:39	197.800	-0.627	-0.341	0.975	0.922	0.990	103.111%	0.000	0.000	
2	16:19:24	-95.980	-0.591	-0.355	1.024	0.880	0.974	106.978%	0.000	0.000	
3	16:21:10	M 507.100	-0.597	-0.356	1.007	0.934	0.997	108.700%	0.000	0.000	
x		M 203.000	-0.605	-0.350	1.002	0.912	0.987	106.263%	0.000	0.000	
σ		M 301.600	0.019	0.008	0.025	0.028	0.012	2.863%	0.000	0.000	
%RSD		M 148.600	3.162	2.404	2.455	3.101	1.177	2.694	0.000	0.000	

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Run	**Time**	**6Li**	**9Be**	**10B**	**11B**	**13C**	**23Na**	**25Mg**	**26Mg**	**27Al**	**37Cl**
		ppb	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**
1	16:25:08	104.536%	-0.013	3.675	2.274	0.000	9580.000	5514.000	5541.000	4.945	0.000
2	16:26:54	106.008%	-0.046	2.701	3.098	0.000	9520.000	5494.000	5511.000	4.844	0.000
3	16:28:39	105.104%	-0.052	3.150	2.166	0.000	9457.000	5461.000	5516.000	4.968	0.000
x		105.216%	-0.037	3.175	2.513	0.000	9519.000	5490.000	5523.000	4.919	0.000
σ		0.742%	0.021	0.487	0.510	0.000	61.730	26.900	16.250	0.066	0.000
%RSD		0.705	55.920	15.350	20.280	0.000	0.648	0.490	0.294	1.336	0.000
Run	**Time**	**39K**	**43Ca**	**44Ca**	**45Sc**	**47Ti**	**51V**	**52Cr**	**53Cr**	**53Cl O**	**55Mn**
		ppb	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**
1	16:25:08	1089.000	M 35100.000	M 34420.000	100.726%	0.951	-0.949	47.580	49.970	9873.000	21.550
2	16:26:54	1132.000	M 34530.000	M 37400.000	100.858%	0.885	3.169	19.380	33.750	9754.000	20.680
3	16:28:39	1075.000	M 34440.000	M 33820.000	101.564%	0.739	6.799	15.650	44.380	9619.000	20.940
x		1099.000	M 34690.000	M 35210.000	101.049%	0.858	3.006	27.530	42.700	9748.000	21.050
σ		29.710	M 356.200	M 1917.000	0.450%	0.109	3.877	17.460	8.242	127.000	0.447
%RSD		2.705	M 1.027	M 5.445	0.446	12.660	128.900	63.410	19.300	1.303	2.122
Run	**Time**	**56Fe**	**57Fe**	**59Co**	**60Ni**	**62Ni**	**63Cu**	**65Cu**	**66Zn**	**67Zn**	**68Zn**

		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:25:08	139.100	291.800	0.191	19.110	18.990	24.730	24.460	18.510	67.620	19.000
2	16:26:54	53.420	208.700	0.052	7.958	8.685	24.820	25.140	18.420	64.580	19.380
3	16:28:39	41.830	194.600	0.021	6.435	7.089	27.590	28.290	19.450	63.270	19.910
x		78.120	231.700	0.088	11.170	11.590	25.710	25.960	18.790	65.160	19.430
σ		53.140	52.510	0.091	6.921	6.458	1.627	2.044	0.568	2.231	0.459
%RSD		68.020	22.660	103.400	61.970	55.730	6.327	7.874	3.024	3.424	2.361

Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo	97Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:25:08	0.212	46.860	0.893	0.000	0.000	-0.007	104.200	97.352%	1.443	1.482
2	16:26:54	-0.230	49.330	1.436	0.000	0.000	-0.140	102.900	98.610%	1.168	1.105
3	16:28:39	-0.083	48.680	0.234	0.000	0.000	-0.028	102.300	98.493%	1.057	0.962
x		-0.034	48.290	0.854	0.000	0.000	-0.058	103.100	98.152%	1.222	1.183
σ		0.225	1.282	0.602	0.000	0.000	0.071	0.993	0.695%	0.199	0.269
%RSD		668.700	2.655	70.440	0.000	0.000	122.100	0.963	0.708	16.270	22.720

Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	109Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:25:08	1.585	94.417%	22.750	-1.489	-0.915	0.325	2.770	-0.014	-0.014	-1.451
2	16:26:54	1.148	102.260%	36.760	-0.336	-0.252	0.331	2.741	0.038	0.038	-1.447
3	16:28:39	1.075	101.987%	27.320	1.612	2.052	0.319	2.561	0.037	0.037	-1.454
x		1.270	99.554%	28.940	-0.071	0.295	0.325	2.691	0.020	0.020	-1.451
σ		0.276	4.451%	7.144	1.567	1.557	0.006	0.113	0.030	0.030	0.004
%RSD		21.710	4.471	24.680	2209.000	527.500	1.936	4.199	149.300	149.300	0.251

Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:25:08	-0.007	-0.268	-0.238	96.886%	0.652	0.098	-0.094	4.243	103.475%	103.889%
2	16:26:54	-0.008	-0.274	-0.254	101.251%	0.556	0.136	-0.029	4.209	107.054%	107.925%
3	16:28:39	-0.004	-0.087	-0.139	102.411%	0.697	0.102	-0.031	4.227	108.272%	109.457%
x		-0.006	-0.209	-0.211	100.183%	0.635	0.112	-0.051	4.227	106.267%	107.090%
σ		0.002	0.106	0.062	2.913%	0.072	0.021	0.037	0.017	2.493%	2.876%
%RSD		33.980	50.790	29.600	2.908	11.360	18.640	72.090	0.409	2.346	2.686

Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:25:08	M 574.800	-0.631	-0.395	1.137	1.016	1.102	104.009%	0.000	0.000
2	16:26:54	-100.900	-0.656	-0.390	1.052	1.010	1.075	107.636%	0.000	0.000
3	16:28:39	-480.700	-0.641	-0.392	1.112	1.043	1.100	108.947%	0.000	0.000
x		M -2.267	-0.643	-0.392	1.101	1.023	1.092	106.864%	0.000	0.000
σ		M 534.600	0.013	0.002	0.044	0.017	0.015	2.558%	0.000	0.000
%RSD		M 23580.000	2.019	0.595	4.001	1.693	1.396	2.394	0.000	0.000

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:32:38	102.544%	-0.038	2.982	1.472	0.000	10270.000	3205.000	3206.000	4.545	0.000
2	16:34:24	102.689%	-0.064	1.807	1.351	0.000	10310.000	3220.000	3216.000	4.765	0.000
3	16:36:09	104.653%	-0.039	2.240	1.219	0.000	10120.000	3160.000	3174.000	4.450	0.000
x		103.295%	-0.047	2.343	1.347	0.000	10230.000	3195.000	3199.000	4.587	0.000
σ		1.178%	0.015	0.594	0.127	0.000	100.700	31.380	21.770	0.162	0.000
%RSD		1.140	31.400	25.370	9.390	0.000	0.985	0.982	0.680	3.527	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	55Mn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:32:38	602.800	10900.000	11100.000	100.539%	1.615	2.668	16.460	26.230	9337.000	7.218
2	16:34:24	601.900	11140.000	11040.000	100.701%	1.561	0.073	75.180	82.740	9274.000	9.031
3	16:36:09	596.600	10780.000	10960.000	101.335%	1.486	5.075	33.950	49.980	9015.000	7.544
x		600.400	10940.000	11030.000	100.859%	1.554	2.605	41.860	52.980	9209.000	7.931
σ		3.353	180.200	67.470	0.421%	0.065	2.502	30.150	28.370	170.700	0.966
%RSD		0.558	1.647	0.612	0.417	4.166	96.020	72.020	53.550	1.854	12.180

Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn	68Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:32:38	81.540	121.600	0.070	8.373	7.674	12.060	11.740	11.000	55.570	11.350
2	16:34:24	264.100	310.100	0.515	32.090	32.820	20.070	19.700	10.690	53.970	12.140

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3	16:36:09	136.000	175.200	0.221	15.370	15.810	15.920	15.740	10.850	52.770	11.490
x		160.500	202.300	0.269	18.610	18.760	16.010	15.730	10.850	54.100	11.660
σ		93.700	97.150	0.227	12.190	12.830	4.008	3.979	0.157	1.406	0.420
%RSD		58.380	48.020	84.300	65.480	68.370	25.020	25.300	1.444	2.599	3.601

Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo	97Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:32:38	-0.484	44.870	0.346	0.000	0.000	-0.475	128.200	97.451%	0.842	0.770
2	16:34:24	0.519	38.950	0.346	0.000	0.000	0.178	128.100	97.971%	1.675	1.564
3	16:36:09	0.978	37.370	0.013	0.000	0.000	0.102	126.800	98.402%	1.201	1.120
x		0.338	40.400	0.235	0.000	0.000	-0.065	127.700	97.941%	1.240	1.151
σ		0.747	3.955	0.192	0.000	0.000	0.357	0.804	0.476%	0.418	0.398
%RSD		221.200	9.791	81.640	0.000	0.000	548.600	0.630	0.486	33.720	34.560

Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	109Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:32:38	0.910	93.867%	-70.510-	1.648	1.488	0.309	2.634	0.565	0.565	-1.464
2	16:34:24	1.625	102.380%	-69.170-	0.512	2.450	0.322	2.564	0.339	0.339	-1.448
3	16:36:09	1.173	102.116%	95.490	0.361	-1.100	0.330	2.809	0.157	0.157	-1.455
x		1.236	99.454%	-14.730	-0.600	0.946	0.320	2.669	0.353	0.353	-1.455
σ		0.362	4.840%	95.450	1.007	1.836	0.011	0.126	0.205	0.205	0.008
%RSD		29.260	4.867	648.000	167.900	194.100	3.386	4.718	57.910	57.910	0.570

Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:32:38	0.029	-0.139	-0.117	96.855%	-0.020	0.051	-0.132	1.200	103.345%	103.423%
2	16:34:24	0.013	-0.095	-0.103	100.806%	0.021	0.104	-0.092	0.980	106.849%	107.424%
3	16:36:09	0.034	-0.299	-0.238	102.334%	-0.017	0.175	-0.124	1.104	109.069%	109.456%
x		0.025	-0.177	-0.153	99.998%	-0.005	0.110	-0.116	1.095	106.421%	106.768%
σ		0.011	0.108	0.074	2.827%	0.023	0.062	0.021	0.110	2.886%	3.070%
%RSD		42.660	60.620	48.390	2.827	413.800	56.220	18.180	10.060	2.712	2.875

Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:32:38	M 3941.000	-0.641	-0.409	4.159	3.870	4.097	103.773%	0.000	0.000
2	16:34:24	M 2632.000	-0.654	-0.417	4.014	3.901	4.036	107.980%	0.000	0.000
3	16:36:09	M 3413.000	-0.661	-0.409	3.973	3.855	4.007	110.208%	0.000	0.000
x		M 3328.000	-0.652	-0.411	4.049	3.876	4.047	107.320%	0.000	0.000
σ		M 658.500	0.010	0.005	0.098	0.024	0.046	3.268%	0.000	0.000
%RSD		M 19.780	1.566	1.151	2.409	0.612	1.130	3.045	0.000	0.000

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:40:09	104.653%	-0.026	1.505	1.190	0.000	7200.000	1400.000	1406.000	2.651	0.000
2	16:41:54	103.774%	-0.045	2.086	1.286	0.000	7279.000	1420.000	1427.000	2.579	0.000
3	16:43:40	104.202%	-0.045	2.361	1.246	0.000	7265.000	1422.000	1421.000	2.571	0.000
x		104.210%	-0.039	1.984	1.241	0.000	7248.000	1414.000	1418.000	2.601	0.000
σ		0.439%	0.011	0.437	0.048	0.000	42.330	12.080	10.820	0.044	0.000
%RSD		0.422	28.100	22.010	3.868	0.000	0.584	0.855	0.763	1.700	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	55Mn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:40:09	1249.000	6250.000	6431.000	101.373%	1.170	2.646	45.660	61.840	9132.000	488.700
2	16:41:54	1272.000	6356.000	6499.000	101.143%	1.337	3.908	13.500	22.660	9126.000	493.700
3	16:43:40	1277.000	6354.000	6493.000	101.472%	1.433	2.942	9.290	17.400	9054.000	490.100
x		1266.000	6320.000	6474.000	101.329%	1.314	3.165	22.820	33.970	9104.000	490.900
σ		14.960	60.870	37.820	0.169%	0.133	0.660	19.890	24.280	43.260	2.607
%RSD		1.182	0.963	0.584	0.167	10.130	20.850	87.180	71.490	0.475	0.531

Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn	68Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:40:09	155.300	178.800	1.049	22.150	22.090	17.710	17.820	M 836.200	M 839.200	M 844.900
2	16:41:54	54.550	69.740	0.874	8.289	7.455	13.800	12.990	M 842.900	M 852.100	M 850.600
3	16:43:40	41.470	59.390	0.845	6.552	5.723	13.160	13.110	M 848.200	M 849.400	M 849.100
x		83.780	102.600	0.923	12.330	11.750	14.890	14.640	M 842.400	M 846.900	M 848.200
σ		62.290	66.170	0.110	8.550	8.989	2.463	2.755	M 6.042	M 6.820	M 2.936

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%RSD		74.350	64.460	11.940	69.330	76.470	16.540	18.820	M 0.717	M 0.805	M 0.346
Run	Time	75As	77Se	78Se	79Br81	Br	82Se	88Sr	89Y	95Mo	97Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:40:09	-0.287	40.820	1.093	0.000	0.000	0.158	62.110	98.091%	1.568	1.647
2	16:41:54	0.456	38.620	-0.071	0.000	0.000	-0.196	61.810	98.937%	1.227	1.181
3	16:43:40	0.356	38.260	0.326	0.000	0.000	0.155	62.280	98.825%	1.122	1.166
x		0.175	39.230	0.450	0.000	0.000	0.039	62.070	98.618%	1.306	1.331
σ		0.404	1.388	0.591	0.000	0.000	0.203	0.238	0.460%	0.233	0.273
%RSD		230.600	3.538	131.600	0.000	0.000	516.400	0.384	0.466	17.860	20.520

Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	109Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:40:09	1.769	95.351%	-19.800	-0.180	1.572	0.327	2.631	0.557	0.557	-1.456
2	16:41:54	1.189	103.014%	-81.690	-0.484	2.838	0.316	2.599	1.170	1.170	-1.459
3	16:43:40	1.201	102.666%	-51.770	-0.451	2.119	0.319	2.612	0.748	0.748	-1.451
x		1.386	100.344%	-51.080	-0.372	2.176	0.320	2.614	0.825	0.825	-1.455
σ		0.332	4.327%	30.950	0.167	0.635	0.006	0.016	0.314	0.314	0.004
%RSD		23.940	4.313	60.590	44.790	29.170	1.814	0.616	38.040	38.040	0.252

Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:40:09	0.595	0.369	0.423	97.489%	-0.034	0.205	-0.079	15.840	103.858%	104.315%
2	16:41:54	0.611	0.421	0.425	101.877%	-0.025	0.205	0.016	16.020	107.723%	108.691%
3	16:43:40	0.506	0.392	0.410	103.513%	-0.036	0.214	0.064	16.050	109.208%	110.341%
x		0.571	0.394	0.419	100.960%	-0.032	0.208	0.001	15.970	106.930%	107.782%
σ		0.057	0.026	0.008	3.115%	0.006	0.005	0.073	0.115	2.762%	3.114%
%RSD		9.956	6.698	1.909	3.086	19.220	2.474	12500.000	0.720	2.583	2.889

Run	Time	202Hg	203Tl	205Tl20	6Pb	207Pb	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:40:09	-205.200	-0.699	-0.425	0.698	0.628	0.697	104.943%	0.000	0.000
2	16:41:54	-112.900	-0.671	-0.421	0.657	0.583	0.656	109.272%	0.000	0.000
3	16:43:40	-367.000	-0.681	-0.425	0.701	0.620	0.681	110.760%	0.000	0.000
x		-228.400	-0.684	-0.424	0.685	0.610	0.678	108.325%	0.000	0.000
σ		128.600	0.014	0.002	0.024	0.024	0.021	3.022%	0.000	0.000
%RSD		56.310	2.072	0.523	3.564	3.910	3.044	2.790	0.000	0.000

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User Pre-dilution: 2.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg26	Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:47:39	104.602%	-0.033	2.789	0.974	0.000	8181.000	3637.000	3672.000	6.466	0.000
2	16:49:24	104.545%	-0.071	2.904	1.432	0.000	8228.000	3664.000	3678.000	5.866	0.000
3	16:51:10	106.956%	-0.083	3.000	1.588	0.000	8134.000	3644.000	3661.000	5.035	0.000
x		105.367%	-0.062	2.898	1.331	0.000	8181.000	3648.000	3670.000	5.789	0.000
σ		1.376%	0.026	0.106	0.319	0.000	46.900	14.020	8.739	0.719	0.000
%RSD		1.306	42.570	3.648	23.960	0.000	0.573	0.384	0.238	12.420	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	55Mn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:47:39	1472.000	5940.000	6138.000	101.825%	1.491	2.121	14.420	22.250	8961.000	94.690
2	16:49:24	1479.000	6111.000	6128.000	102.734%	1.662	4.587	7.230	11.290	8887.000	93.990
3	16:51:10	1479.000	5905.000	6125.000	102.078%	1.411	3.187	6.261	12.740	8916.000	93.240
x		1477.000	5985.000	6130.000	102.212%	1.521	3.299	9.303	15.430	8921.000	93.970
σ		4.180	110.300	6.793	0.470%	0.128	1.237	4.456	5.952	37.530	0.723
%RSD		0.283	1.843	0.111	0.459	8.443	37.490	47.900	38.590	0.421	0.769

Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn	68Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:47:39	120.800	140.300	1.127	6.719	6.883	28.520	28.350	19.360	63.130	20.050
2	16:49:24	97.450	117.700	1.088	3.962	3.926	28.280	28.280	18.580	62.100	19.350
3	16:51:10	94.370	109.700	1.089	3.487	3.523	29.620	29.740	18.360	64.040	19.720
x		104.200	122.600	1.101	4.723	4.777	28.810	28.790	18.770	63.090	19.710
σ		14.480	15.890	0.023	1.745	1.835	0.715	0.822	0.523	0.968	0.349
%RSD		13.890	12.970	2.058	36.960	38.410	2.481	2.854	2.788	1.535	1.771

Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo	97Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb

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1	16:47:39	0.020	40.160	2.467	0.000	0.000	0.844	47.050	98.288%	0.801	0.799
2	16:49:24	0.287	37.990	0.975	0.000	0.000	-0.214	47.070	99.020%	0.715	0.678
3	16:51:10	0.356	36.530	0.470	0.000	0.000	-0.067	46.620	99.153%	0.773	0.604
x		0.221	38.230	1.304	0.000	0.000	0.188	46.910	98.820%	0.763	0.694
σ		0.177	1.827	1.038	0.000	0.000	0.573	0.254	0.466%	0.044	0.099
%RSD		80.250	4.781	79.630	0.000	0.000	305.400	0.541	0.471	5.787	14.210
Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	109Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:47:39	0.772	95.769%	-55.140	0.830	3.555	0.290	2.495	0.682	0.682	-1.462
2	16:49:24	0.736	103.530%	-8.855	-0.307	1.027	0.326	2.668	0.332	0.332	-1.462
3	16:51:10	0.817	103.550%	-122.600	-0.978	3.474	0.316	2.482	0.331	0.331	-1.459
x		0.775	100.950%	-62.200	-0.152	2.685	0.311	2.548	0.448	0.448	-1.461
σ		0.041	4.487%	57.190	0.914	1.436	0.019	0.104	0.202	0.202	0.002
%RSD		5.246	4.444	91.960	602.600	53.490	5.977	4.083	45.120	45.120	0.119
Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:47:39	0.180	0.147	0.068	97.468%	0.789	0.320	0.108	7.229	103.649%	104.292%
2	16:49:24	0.151	-0.038	-0.083	102.499%	1.120	0.210	0.036	6.995	107.820%	108.234%
3	16:51:10	0.138	0.113	0.040	103.063%	0.829	0.232	0.037	6.981	109.224%	110.147%
x		0.156	0.074	0.008	101.010%	0.912	0.254	0.060	7.068	106.898%	107.558%
σ		0.022	0.098	0.080	3.081%	0.180	0.058	0.041	0.139	2.900%	2.985%
%RSD		13.810	132.800	998.200	3.050	19.780	22.940	68.340	1.967	2.713	2.776
Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	16:47:39	-200.500	-0.670	-0.430	0.342	0.268	0.312	104.181%	0.000	0.000	
2	16:49:24	-232.300	-0.700	-0.434	0.308	0.239	0.300	108.758%	0.000	0.000	
3	16:51:10	363.700	-0.675	-0.436	0.333	0.294	0.330	110.430%	0.000	0.000	
x		-23.030	-0.681	-0.434	0.328	0.267	0.314	107.790%	0.000	0.000	
σ		335.300	0.016	0.003	0.017	0.028	0.015	3.235%	0.000	0.000	
%RSD		1456.000	2.333	0.718	5.251	10.390	4.773	3.001	0.000	0.000	

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User Pre-dilution: 2.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:55:09	105.618%	-0.046	1.757	1.886	0.000	10900.000	8950.000	9293.000	3.731	0.000
2	16:56:54	106.625%	-0.071	2.556	1.643	0.000	10970.000	9338.000	9422.000	3.475	0.000
3	16:58:40	105.702%	-0.058	3.833	1.675	0.000	11000.000	9009.000	9383.000	3.594	0.000
x		105.981%	-0.058	2.715	1.735	0.000	10960.000	9099.000	9366.000	3.600	0.000
σ		0.559%	0.013	1.047	0.132	0.000	49.480	209.200	66.130	0.128	0.000
%RSD		0.527	21.740	38.560	7.606	0.000	0.452	2.299	0.706	3.565	0.000
Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	55Mn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:55:09	839.100	M 34480.000	M 36720.000	102.554%	0.966	2.111	4.631	7.142	9178.000	5.115
2	16:56:54	829.200	M 33890.000	M 36490.000	104.449%	1.029	2.861	3.196	15.650	9349.000	4.999
3	16:58:40	839.600	M 34430.000	M 33940.000	102.662%	1.064	6.716	3.022	19.040	9482.000	5.086
x		836.000	M 34270.000	M 35720.000	103.222%	1.020	3.896	3.616	13.940	9336.000	5.067
σ		5.895	M 329.100	M 1539.000	1.064%	0.050	2.471	0.883	6.130	152.000	0.060
%RSD		0.705	M 0.960	M 4.310	1.031	4.898	63.430	24.420	43.960	1.628	1.191
Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn	68Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:55:09	11.620	172.400	-0.070	2.162	1.701	19.800	19.810	253.300	283.300	255.600
2	16:56:54	4.463	158.200	-0.076	1.589	1.516	19.660	19.570	253.800	285.600	255.200
3	16:58:40	2.774	160.400	-0.094	1.515	1.581	20.020	19.710	255.800	291.000	256.100
x		6.286	163.700	-0.080	1.755	1.599	19.830	19.700	254.300	286.600	255.600
σ		4.697	7.631	0.013	0.354	0.094	0.178	0.121	1.317	3.938	0.439
%RSD		74.720	4.661	16.250	20.170	5.866	0.899	0.615	0.518	1.374	0.172
Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo	97Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:55:09	1.007	44.970	1.600	0.000	0.000	0.243	101.200	99.607%	2.322	2.221
2	16:56:54	-0.207	50.020	1.043	0.000	0.000	0.530	100.900	100.103%	2.245	2.116
3	16:58:40	2.104	42.050	1.160	0.000	0.000	0.078	101.200	99.572%	2.317	2.101

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x		0.968	45.680	1.268	0.000	0.000	0.284	101.100	99.761%	2.295	2.146
σ		1.156	4.033	0.293	0.000	0.000	0.229	0.179	0.297%	0.043	0.066
%RSD		119.400	8.829	23.130	0.000	0.000	80.520	0.177	0.298	1.890	3.053
Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	109Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:55:09	2.30296.046%		-26.130	-0.393	1.545	0.300	2.575	-0.143	-0.143	-1.467
2	16:56:54	2.194	104.435%	59.180	-0.163	-0.687	0.328	2.759	-0.143	-0.143	-1.450
3	16:58:40	2.293	103.161%	97.210	-0.177	-1.686	0.327	2.832	-0.084	-0.084	-1.465
x		2.263	101.214%	43.420	-0.244	-0.276	0.318	2.722	-0.123	-0.123	-1.461
σ		0.060	4.521%	63.160	0.129	1.654	0.016	0.132	0.034	0.034	0.010
%RSD		2.670	4.467	145.500	52.830	599.400	5.006	4.858	27.780	27.780	0.653
Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:55:09	0.002	-0.101	-0.126	98.676%	0.384	0.052	-0.055	0.972	104.622%	105.156%
2	16:56:54	0.008	-0.281	-0.242	103.437%	0.379	0.137	-0.051	1.110	108.158%	109.245%
3	16:58:40	0.017	-0.305	-0.273	103.678%	0.457	0.126	-0.090	0.921	109.341%	110.362%
x		0.009	-0.229	-0.213	101.930%	0.407	0.105	-0.065	1.001	107.374%	108.254%
σ		0.008	0.112	0.077	2.821%	0.044	0.046	0.022	0.098	2.455%	2.741%
%RSD		86.280	48.720	36.260	2.767	10.820	43.920	33.010	9.792	2.287	2.532
Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	16:55:09	305.700	-0.700	-0.448	4.122	4.101	4.187	104.856%	0.000	0.000	
2	16:56:54	257.400	-0.694	-0.450	4.203	4.207	4.232	108.982%	0.000	0.000	
3	16:58:40	370.100	-0.715	-0.449	4.050	4.155	4.208	109.765%	0.000	0.000	
x		311.000	-0.703	-0.449	4.125	4.154	4.209	107.868%	0.000	0.000	
σ		56.550	0.011	0.001	0.077	0.053	0.023	2.637%	0.000	0.000	
%RSD		18.180	1.526	0.201	1.859	1.275	0.537	2.445	0.000	0.000	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:02:39	96.513%	122.700	132.300	133.000	0.000	5223.000	4895.000	5148.000	5146.000	0.000
2	17:04:24	94.599%	122.500	135.200	133.600	0.000	5341.000	5251.000	5255.000	5232.000	0.000
3	17:06:10	94.287%	123.000	134.700	133.600	0.000	5335.000	4976.000	5268.000	5273.000	0.000
x		95.133%	122.700	134.100	133.400	0.000	5300.000	5041.000	5224.000	5217.000	0.000
σ		1.205%	0.274	1.564	0.372	0.000	66.470	186.500	66.020	64.910	0.000
%RSD		1.267	0.223	1.167	0.279	0.000	1.254	3.700	1.264	1.244	0.000
Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	55Mn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:02:39	5185.000	5113.000	5087.000	95.368%	120.100	119.900	125.400	127.400	1785.000	121.800
2	17:04:24	5244.000	5142.000	5094.000	95.987%	123.000	119.800	123.200	125.100	1679.000	121.400
3	17:06:10	5248.000	5110.000	5094.000	95.594%	120.400	120.100	122.200	124.900	1650.000	122.000
x		5226.000	5121.000	5092.000	95.650%	121.200	119.900	123.600	125.800	1705.000	121.800
σ		35.360	17.630	4.280	0.313%	1.551	0.124	1.619	1.432	71.170	0.328
%RSD		0.677	0.344	0.084	0.328	1.280	0.104	1.310	1.138	4.174	0.269
Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn	68Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:02:39	5152.000	5064.000	119.500	120.600	122.200	118.500	120.300	121.700	122.000	124.600
2	17:04:24	5135.000	5034.000	118.400	117.900	120.200	117.400	118.900	121.100	119.200	123.200
3	17:06:10	5150.000	5033.000	118.200	117.900	119.500	116.600	118.600	122.300	122.200	124.900
x		5145.000	5044.000	118.700	118.800	120.600	117.500	119.300	121.700	121.200	124.200
σ		9.035	17.980	0.664	1.542	1.391	0.926	0.931	0.627	1.662	0.888
%RSD		0.176	0.356	0.559	1.298	1.153	0.788	0.780	0.515	1.372	0.715
Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo	97Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:02:39	122.500	125.000	124.900	0.000	0.000	122.700	122.300	94.111%	123.500	120.400
2	17:04:24	122.300	119.600	125.000	0.000	0.000	121.700	121.600	94.994%	123.400	119.600
3	17:06:10	123.200	120.300	125.200	0.000	0.000	122.300	122.400	94.350%	124.000	120.900
x		122.700	121.700	125.100	0.000	0.000	122.200	122.100	94.485%	123.600	120.300
σ		0.488	2.905	0.158	0.000	0.000	0.493	0.435	0.457%	0.304	0.639
%RSD		0.398	2.388	0.126	0.000	0.000	0.403	0.356	0.484	0.246	0.531

Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	109Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:02:39	125.400	92.125%	135.400	123.000	122.700	119.600	2.415	128.100	128.100	116.900
2	17:04:24	125.200	98.842%	84.440	126.400	127.500	121.000	1.876	126.400	126.400	117.100
3	17:06:10	125.200	98.078%	105.800	126.500	127.100	122.200	2.048	127.900	127.900	118.400
x		125.200	96.349%	108.600	125.300	125.800	120.900	2.113	127.500	127.500	117.500
σ		0.125	3.677%	25.600	2.002	2.664	1.300	0.275	0.942	0.942	0.826
%RSD		0.099	3.817	23.580	1.597	2.119	1.076	13.020	0.739	0.739	0.703

Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:02:39	121.200	122.800	122.700	93.502%	121.600	125.300	125.900	119.900	99.002%	99.818%
2	17:04:24	121.400	124.200	123.700	97.409%	122.500	125.900	126.900	120.200	101.615%	102.811%
3	17:06:10	122.900	124.600	123.500	98.029%	122.800	126.400	126.000	120.700	102.748%	104.007%
x		121.900	123.900	123.300	96.313%	122.300	125.900	126.200	120.300	101.122%	102.212%
σ		0.946	0.945	0.537	2.454%	0.603	0.577	0.555	0.420	1.921%	2.158%
%RSD		0.777	0.763	0.435	2.548	0.493	0.459	0.439	0.349	1.900	2.111

Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:02:39	114.500	121.800	118.900	122.800	121.400	123.300	100.552%	0.000	0.000
2	17:04:24	M 355.800	123.300	119.600	123.200	122.100	123.800	103.640%	0.000	0.000
3	17:06:10	M 413.900	124.400	120.800	123.900	122.500	124.400	104.333%	0.000	0.000
x		M 294.700	123.200	119.800	123.300	122.000	123.800	102.842%	0.000	0.000
σ		M 158.700	1.316	0.918	0.573	0.586	0.546	2.013%	0.000	0.000
%RSD		M 53.860	1.069	0.767	0.465	0.480	0.441	1.958	0.000	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:10:06	96.029%	0.031	2.550	2.449	0.000	4.424	2.670	2.548	3.866	0.000
2	17:11:52	96.425%	0.020	1.685	0.955	0.000	2.507	0.607	0.320	2.175	0.000
3	17:13:37	96.025%	0.034	1.164	0.970	0.000	1.832	-0.149	-0.354	1.530	0.000
x		96.160%	0.028	1.800	1.458	0.000	2.921	1.042	0.838	2.524	0.000
σ		0.230%	0.007	0.700	0.859	0.000	1.345	1.459	1.519	1.206	0.000
%RSD		0.239	25.700	38.910	58.890	0.000	46.040	139.900	181.200	47.800	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	55Mn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:10:06	6.113	-7.449	-27.220	96.228%	0.026	0.372	30.790	28.540	1806.000	0.982
2	17:11:52	5.573	-8.518	-31.090	96.639%	0.005	0.904	12.270	13.320	1746.000	0.389
3	17:13:37	4.395	-9.588	-31.600	97.234%	0.037	1.318	6.940	9.310	1716.000	0.223
x		5.360	-8.518	-29.970	96.700%	0.023	0.865	16.660	17.060	1756.000	0.531
σ		0.879	1.070	2.398	0.506%	0.016	0.474	12.520	10.150	45.460	0.399
%RSD		16.390	12.560	8.002	0.523	71.810	54.870	75.110	59.470	2.589	75.030

Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn	68Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:10:06	101.100	102.500	0.335	13.770	13.760	3.703	3.448	-0.130	1.308	-0.089
2	17:11:52	39.770	40.600	0.145	5.066	4.652	1.291	1.044	-0.199	0.453	-0.064
3	17:13:37	22.670	22.320	0.097	2.883	2.963	0.734	0.326	-0.175	0.571	-0.152
x		54.500	55.140	0.192	7.241	7.125	1.909	1.606	-0.168	0.777	-0.102
σ		41.210	42.010	0.126	5.762	5.809	1.578	1.635	0.035	0.464	0.045
%RSD		75.620	76.200	65.630	79.570	81.520	82.640	101.800	20.910	59.650	44.660

Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo	97Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:10:06	-0.075	2.282	0.392	0.000	0.000	0.137	0.101	94.548%	0.943	1.033
2	17:11:52	-0.313	3.062	0.401	0.000	0.000	-0.019	0.058	95.321%	0.559	0.529
3	17:13:37	-0.271	2.818	0.580	0.000	0.000	-0.096	0.049	94.917%	0.398	0.349
x		-0.220	2.721	0.458	0.000	0.000	0.007	0.069	94.929%	0.633	0.637
σ		0.127	0.399	0.106	0.000	0.000	0.118	0.028	0.387%	0.280	0.354
%RSD		57.730	14.670	23.220	0.000	0.000	1634.000	39.720	0.407	44.260	55.640

Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	109Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:10:06	0.974	91.884%	-76.240	0.177	2.859	0.242	1.147	0.094	0.094	-0.646

2	17:11:52	0.570	99.552%	-27.590	0.346	1.641	0.208	1.250	0.146	0.146	-0.685
3	17:13:37	0.381	99.518%	-14.800	0.651	1.627	0.194	1.240	0.052	0.052	-0.704
x		0.642	96.985%	-39.540	0.392	2.042	0.215	1.212	0.097	0.097	-0.678
σ		0.303	4.417%	32.420	0.240	0.707	0.025	0.057	0.047	0.047	0.029
%RSD		47.170	4.554	81.980	61.360	34.640	11.520	4.679	48.250	48.250	4.321

Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:10:06	0.132	0.157	0.118	93.239%	0.058	-0.314	-0.444	0.072	98.135%	98.221%
2	17:11:52	0.073	0.037	0.018	97.546%	-0.014	-0.388	-0.475	0.056	102.062%	102.935%
3	17:13:37	0.020	0.003	0.007	98.873%	-0.034	-0.374	-0.483	0.023	103.088%	103.961%
x		0.075	0.066	0.047	96.553%	0.003	-0.359	-0.468	0.050	101.095%	101.706%
σ		0.056	0.081	0.061	2.945%	0.048	0.039	0.021	0.025	2.614%	3.061%
%RSD		74.500	123.200	128.700	3.050	1568.000	10.910	4.437	49.990	2.586	3.010

Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:10:06	-148.600	0.365	0.478	0.093	0.042	0.073	99.478%	0.000	0.000
2	17:11:52	-227.500	0.028	0.183	0.038	0.003	0.028	103.755%	0.000	0.000
3	17:13:37	-230.100	-0.088	0.061	0.032	-0.013	0.015	104.805%	0.000	0.000
x		-202.100	0.102	0.241	0.054	0.011	0.039	102.679%	0.000	0.000
σ		46.310	0.235	0.215	0.034	0.028	0.031	2.822%	0.000	0.000
%RSD		22.910	231.100	89.090	61.940	257.900	79.200	2.748	0.000	0.000

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:17:36	100.866%	-0.044	2.649	1.959	0.000	10590.000	3215.000	3219.000	4.459	0.000
2	17:19:22	103.062%	-0.025	3.090	2.026	0.000	10620.000	3210.000	3226.000	4.165	0.000
3	17:21:07	104.819%	0.005	3.159	1.480	0.000	10580.000	3214.000	3195.000	4.148	0.000
x		102.916%	-0.021	2.966	1.822	0.000	10600.000	3213.000	3213.000	4.258	0.000
σ		1.980%	0.025	0.277	0.298	0.000	25.820	2.637	16.590	0.175	0.000
%RSD		1.924	116.800	9.339	16.340	0.000	0.244	0.082	0.516	4.105	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	55Mn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:17:36	619.600	11230.000	11360.000	101.265%	1.463	2.777	29.740	35.880	9251.000	6.388
2	17:19:22	617.700	11260.000	11390.000	102.553%	1.691	4.098	16.880	27.050	8936.000	6.053
3	17:21:07	612.500	11140.000	11370.000	103.386%	1.241	4.394	18.580	39.310	8748.000	6.030
x		616.600	11210.000	11370.000	102.402%	1.465	3.757	21.730	34.080	8979.000	6.157
σ		3.649	63.960	15.740	1.069%	0.225	0.861	6.983	6.323	254.200	0.201
%RSD		0.592	0.571	0.138	1.044	15.360	22.920	32.130	18.550	2.831	3.257

Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn	68Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:17:36	120.400	166.600	0.253	14.860	15.010	29.220	28.770	13.210	57.610	14.270
2	17:19:22	80.090	123.400	0.125	9.250	8.403	27.420	26.880	12.930	57.760	14.180
3	17:21:07	84.220	126.300	0.151	10.120	9.995	28.000	28.090	12.980	56.520	13.870
x		94.920	138.800	0.176	11.410	11.130	28.210	27.910	13.040	57.300	14.110
σ		22.210	24.140	0.068	3.018	3.447	0.922	0.961	0.145	0.679	0.211
%RSD		23.400	17.390	38.470	26.450	30.950	3.267	3.444	1.115	1.185	1.494

Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo	97Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:17:36	-0.982	42.560	1.178	0.000	0.000	-0.850	133.600	97.163%	0.784	0.748
2	17:19:22	0.162	39.300	0.290	0.000	0.000	0.434	133.800	98.360%	0.570	0.531
3	17:21:07	-0.538	41.030	-0.217	0.000	0.000	-0.160	133.100	99.521%	0.534	0.565
x		-0.453	40.960	0.417	0.000	0.000	-0.192	133.500	98.348%	0.629	0.614
σ		0.577	1.631	0.706	0.000	0.000	0.643	0.329	1.179%	0.135	0.117
%RSD		127.400	3.982	169.300	0.000	0.000	335.300	0.246	1.199	21.460	18.960

Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	109Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:17:36	0.819	93.940%	-14.190-	0.299	1.309	0.373	2.609	0.051	0.051	-1.415
2	17:19:22	0.610	102.470%	16.490-	0.968	-0.356	0.367	2.774	0.338	0.338	-1.416
3	17:21:07	0.566	103.104%	-101.600	0.279	4.200	0.380	2.421	0.273	0.273	-1.408
x		0.665	99.838%	-33.100	-0.330	1.718	0.374	2.601	0.220	0.220	-1.413

Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
σ		0.135	5.118%	61.270	0.624	2.305	0.006	0.177	0.150	0.150	0.005
%RSD		20.310	5.126	185.100	189.300	134.200	1.735	6.802	68.310	68.310	0.320
1	17:17:36	0.020	-0.107	-0.111	96.362%	0.735	-0.107	-0.290	1.661	102.385%	102.788%
2	17:19:22	0.013	-0.283	-0.236	101.095%	0.793	-0.070	-0.197	1.554	106.440%	106.890%
3	17:21:07	-0.004	0.029	-0.018	103.100%	0.724	0.046	-0.191	1.585	108.475%	109.733%
x		0.010	-0.121	-0.122	100.186%	0.751	-0.043	-0.226	1.600	105.766%	106.470%
σ		0.013	0.156	0.109	3.459%	0.037	0.080	0.055	0.055	3.101%	3.491%
%RSD		128.000	129.800	90.040	3.453	4.949	183.800	24.460	3.458	2.932	3.279

Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:17:36	M 4585.000	-0.393	-0.131	3.351	3.176	3.305	103.943%	0.000	0.000
2	17:19:22	M 5612.000	-0.461	-0.206	3.291	3.118	3.289	108.135%	0.000	0.000
3	17:21:07	M 5601.000	-0.486	-0.238	3.406	3.133	3.354	110.237%	0.000	0.000
x		M 5266.000	-0.447	-0.192	3.350	3.143	3.316	107.438%	0.000	0.000
σ		M 590.000	0.048	0.055	0.058	0.030	0.034	3.204%	0.000	0.000
%RSD		M 11.200	10.730	28.580	1.717	0.965	1.021	2.983	0.000	0.000

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:25:07	103.541%	-0.045	4.014	2.727	0.000	9927.000	5268.000	5303.000	8.169	0.000
2	17:26:53	105.076%	-0.071	3.728	2.150	0.000	9925.000	5250.000	5274.000	7.772	0.000
3	17:28:38	105.613%	-0.014	3.218	1.613	0.000	9898.000	5275.000	5271.000	7.733	0.000
x		104.743%	-0.043	3.653	2.164	0.000	9917.000	5264.000	5283.000	7.892	0.000
σ		1.075%	0.028	0.404	0.557	0.000	16.050	12.920	17.850	0.241	0.000
%RSD		1.027	65.460	11.050	25.760	0.000	0.162	0.245	0.338	3.060	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	55Mn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:25:07	507.100	M 22640.000	M 22580.000	102.146%	1.423	1.286	11.490	23.460	8859.000	2.944
2	17:26:53	510.000	M 22470.000	M 22620.000	103.509%	1.338	2.666	7.310	15.380	8937.000	2.822
3	17:28:38	508.400	M 22460.000	M 22420.000	103.964%	0.924	4.506	6.278	26.120	8882.000	2.863
x		508.500	M 22520.000	M 22540.000	103.206%	1.228	2.819	8.361	21.650	8893.000	2.876
σ		1.459	M 100.100	M 106.100	0.946%	0.267	1.615	2.763	5.592	40.040	0.062
%RSD		0.287	M 0.445	M 0.471	0.916	21.700	57.310	33.040	25.830	0.450	2.152

Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn	68Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:25:07	39.720	142.500	0.045	5.624	5.967	16.780	16.650	66.180	109.300	66.610
2	17:26:53	24.810	122.500	0.002	3.693	3.434	16.420	16.130	66.600	106.100	67.270
3	17:28:38	21.280	116.800	0.004	3.329	3.252	18.250	17.690	66.560	104.200	67.400
x		28.610	127.300	0.017	4.215	4.218	17.150	16.820	66.450	106.500	67.090
σ		9.788	13.490	0.024	1.233	1.517	0.968	0.793	0.228	2.556	0.427
%RSD		34.220	10.600	141.800	29.260	35.980	5.647	4.715	0.344	2.399	0.636

Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo	97Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:25:07	0.220	39.900	0.736	0.000	0.000	0.304	119.200	98.453%	0.758	0.932
2	17:26:53	0.079	41.460	0.217	0.000	0.000	0.386	119.100	100.125%	0.760	0.773
3	17:28:38	-0.238	43.650	-0.231	0.000	0.000	-0.525	119.000	99.822%	0.727	0.709
x		0.020	41.670	0.241	0.000	0.000	0.055	119.100	99.466%	0.748	0.805
σ		0.235	1.887	0.484	0.000	0.000	0.504	0.085	0.891%	0.018	0.115
%RSD		1151.000	4.528	201.000	0.000	0.000	915.700	0.071	0.896	2.465	14.290

Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	109Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:25:07	0.779	95.433%	86.750	-0.616	-1.779	0.298	2.846	0.111	0.111	-1.481
2	17:26:53	0.733	103.619%	-34.270	0.077	2.122	0.312	2.556	-0.024	-0.024	-1.470
3	17:28:38	0.720	103.859%	-32.920	-0.710	1.320	0.306	2.607	-0.084	-0.084	-1.481
x		0.744	100.970%	6.519	-0.416	0.555	0.305	2.670	0.001	0.001	-1.477
σ		0.031	4.797%	69.490	0.430	2.060	0.007	0.155	0.100	0.100	0.006
%RSD		4.155	4.751	1066.000	103.300	371.400	2.374	5.788	9461.000	9461.000	0.416

Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb	165Ho

1137

		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:25:07	0.033	-0.276	-0.247	97.701%	0.307	0.042	-0.129	1.801	103.666%	104.575%
2	17:26:53	0.034	-0.114	-0.134	102.767%	0.265	0.075	-0.086	1.649	108.148%	108.526%
3	17:28:38	0.041	-0.123	-0.137	104.144%	0.439	0.115	-0.055	1.889	109.742%	110.365%
x		0.036	-0.171	-0.173	101.537%	0.337	0.077	-0.090	1.779	107.185%	107.822%
σ		0.005	0.091	0.065	3.393%	0.090	0.036	0.037	0.121	3.151%	2.959%
%RSD		13.010	53.520	37.430	3.341	26.850	47.090	41.500	6.819	2.939	2.744

Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:25:07	54.690	-0.559	-0.321	35.530	35.830	36.320	104.396%	0.000	0.000
2	17:26:53	-231.800	-0.574	-0.343	35.360	35.940	36.490	108.610%	0.000	0.000
3	17:28:38	M 604.600	-0.604	-0.353	35.380	36.280	36.420	110.559%	0.000	0.000
x		M 142.500	-0.579	-0.339	35.420	36.010	36.410	107.855%	0.000	0.000
σ		M 425.100	0.023	0.016	0.094	0.234	0.084	3.150%	0.000	0.000
%RSD		M 298.200	3.981	4.850	0.264	0.649	0.230	2.921	0.000	0.000

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User Pre-dilution: 2.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:32:40	104.601%	-0.026	1.869	1.291	0.000	11190.000	3662.000	3678.000	4.863	0.000
2	17:34:26	105.240%	-0.020	2.940	1.911	0.000	11360.000	3702.000	3715.000	4.911	0.000
3	17:36:11	105.468%	-0.039	1.909	1.336	0.000	11270.000	3687.000	3712.000	4.928	0.000
x		105.103%	-0.029	2.239	1.513	0.000	11270.000	3684.000	3702.000	4.901	0.000
σ		0.450%	0.010	0.607	0.345	0.000	86.850	20.310	20.480	0.034	0.000
%RSD		0.428	34.030	27.110	22.830	0.000	0.770	0.551	0.553	0.691	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	55Mn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:32:40	515.400	M 23160.000	M 23300.000	103.949%	1.517	1.957	3.965	11.030	8765.000	325.600
2	17:34:26	522.700	M 23390.000	M 23640.000	103.802%	1.543	3.461	2.933	14.950	8771.000	327.400
3	17:36:11	521.100	M 23520.000	M 23490.000	103.736%	1.371	3.919	2.615	14.500	8741.000	327.800
x		519.700	M 23360.000	M 23480.000	103.829%	1.477	3.112	3.171	13.490	8759.000	326.900
σ		3.828	M 182.800	M 169.700	0.109%	0.093	1.027	0.706	2.147	15.920	1.196
%RSD		0.737	M 0.782	M 0.723	0.105	6.266	32.990	22.250	15.910	0.182	0.366

Run	Time	56Fe	57Fe	59Co	60Ni62	Ni	63Cu	65Cu	66Zn	67Zn	68Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:32:40	33.200	132.400	0.003	2.104	2.397	15.280	15.110	209.000	242.700	211.000
2	17:34:26	29.760	131.100	-0.001	1.627	1.701	15.570	15.030	207.900	239.900	209.900
3	17:36:11	28.020	125.400	-0.001	1.663	1.563	15.610	14.690	210.600	241.900	211.300
x		30.330	129.600	0.000	1.798	1.887	15.490	14.940	209.200	241.500	210.700
σ		2.633	3.741	0.002	0.266	0.447	0.179	0.222	1.344	1.419	0.708
%RSD		8.684	2.886	593.400	14.800	23.680	1.156	1.486	0.642	0.588	0.336

Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo	97Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:32:40	-0.879	44.300	-0.147	0.000	0.000	-0.416	100.700	99.043%	0.694	0.697
2	17:34:26	0.754	38.290	0.702	0.000	0.000	-0.433	100.700	99.994%	0.675	0.698
3	17:36:11	0.080	40.350	0.760	0.000	0.000	-0.761	100.600	100.154%	0.639	0.717
x		-0.015	40.980	0.438	0.000	0.000	-0.537	100.700	99.730%	0.669	0.704
σ		0.820	3.053	0.508	0.000	0.000	0.194	0.072	0.600%	0.028	0.011
%RSD		5483.000	7.449	115.800	0.000	0.000	36.190	0.072	0.602	4.121	1.568

Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	109Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:32:40	0.729	95.531%	-67.700	0.414	3.494	0.280	2.441	-0.016	-0.016	-1.487
2	17:34:26	0.756	103.076%	15.280	-0.937	-0.269	0.284	2.741	0.036	0.036	-1.487
3	17:36:11	0.610	103.685%	-187.200	0.047	6.314	0.308	2.237	-0.025	-0.025	-1.493
x		0.698	100.764%	-79.860	-0.159	3.180	0.291	2.473	-0.002	-0.002	-1.489
σ		0.078	4.542%	101.800	0.699	3.303	0.015	0.254	0.033	0.033	0.003
%RSD		11.190	4.508	127.400	440.600	103.900	5.261	10.250	2057.000	2057.000	0.227

Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:32:40	0.020	0.005	-0.044	97.825%	0.420	-0.054	-0.174	32.060	103.862%	104.308%
2	17:34:26	-0.004	-0.252	-0.237	102.294%	0.483	0.039	-0.252	32.690	108.641%	108.966%

3	17:36:11	0.004	0.168	0.067	103.990%	0.525	0.092	-0.153	32.740	109.410%	110.578%
x		0.007	-0.026	-0.071	101.369%	0.476	0.026	-0.193	32.490	107.304%	107.951%
σ		0.012	0.212	0.154	3.185%	0.053	0.074	0.052	0.381	3.006%	3.256%
%RSD		182.900	805.100	216.500	3.142	11.060	288.000	27.030	1.172	2.801	3.017

Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:32:40	M 1078.000	-0.617	-0.386	0.783	0.788	0.813	104.689%	0.000	0.000
2	17:34:26	-358.900	-0.631	-0.395	0.816	0.766	0.801	109.302%	0.000	0.000
3	17:36:11	-5.718	-0.660	-0.398	0.802	0.769	0.818	111.018%	0.000	0.000
x		M 237.800	-0.636	-0.393	0.800	0.775	0.811	108.336%	0.000	0.000
σ		M 748.800	0.022	0.006	0.017	0.012	0.009	3.273%	0.000	0.000
%RSD		M 314.900	3.524	1.627	2.063	1.558	1.113	3.021	0.000	0.000

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User Pre-dilution: 2.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:40:12	106.698%	-0.059	2.112	2.038	0.000	9720.000	3912.000	3938.000	2.358	0.000
2	17:41:58	104.835%	-0.064	2.922	1.323	0.000	9855.000	3963.000	3970.000	2.376	0.000
3	17:43:43	107.135%	-0.040	2.541	0.986	0.000	9814.000	3926.000	3935.000	2.304	0.000
x		106.222%	-0.054	2.525	1.449	0.000	9796.000	3934.000	3948.000	2.346	0.000
σ		1.221%	0.013	0.405	0.537	0.000	69.450	26.260	19.150	0.038	0.000
%RSD		1.150	23.500	16.040	37.060	0.000	0.709	0.668	0.485	1.601	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	55Mn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:40:12	639.200	10240.000	10360.000	103.498%	1.116	1.866	3.728	12.550	8805.000	2.902
2	17:41:58	647.100	10080.000	10290.000	104.702%	1.748	2.105	3.191	14.100	8639.000	2.731
3	17:43:43	642.600	10170.000	10360.000	104.825%	1.672	5.100	3.113	12.290	8622.000	2.766
x		643.000	10160.000	10340.000	104.341%	1.512	3.023	3.344	12.980	8689.000	2.800
σ		3.973	83.110	39.250	0.733%	0.345	1.802	0.335	0.975	101.100	0.090
%RSD		0.618	0.818	0.380	0.703	22.830	59.610	10.010	7.514	1.164	3.231

Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn	68Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:40:12	7.306	42.990	0.001	2.463	2.205	15.940	15.480	19.920	63.940	20.880
2	17:41:58	4.978	39.040	0.010	2.343	1.976	15.480	15.280	19.630	61.590	20.370
3	17:43:43	4.876	39.940	0.011	2.392	2.290	15.760	15.080	20.140	59.850	20.770
x		5.720	40.660	0.008	2.399	2.157	15.730	15.280	19.900	61.790	20.680
σ		1.375	2.073	0.005	0.060	0.162	0.231	0.197	0.257	2.050	0.267
%RSD		24.030	5.099	69.650	2.510	7.522	1.467	1.291	1.293	3.317	1.291

Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo	97Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:40:12	0.237	37.660	2.003	0.000	0.000	-0.893	55.200	99.205%	0.241	0.241
2	17:41:58	0.689	35.840	0.281	0.000	0.000	0.291	55.230	100.669%	0.183	0.210
3	17:43:43	0.359	35.960	0.008	0.000	0.000	-0.796	55.370	100.322%	0.230	0.223
x		0.428	36.490	0.764	0.000	0.000	-0.466	55.270	100.066%	0.218	0.225
σ		0.234	1.017	1.081	0.000	0.000	0.658	0.091	0.765%	0.031	0.015
%RSD		54.560	2.788	141.500	0.000	0.000	141.200	0.166	0.764	14.200	6.875

Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	109Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:40:12	0.239	96.553%	-135.300	0.140	5.045	0.276	2.322	-0.080	-0.080	-1.506
2	17:41:58	0.233	104.560%	-95.780	-1.602	2.072	0.268	2.567	0.034	0.034	-1.493
3	17:43:43	0.231	104.659%	-169.700	-0.428	5.356	0.305	2.299	-0.143	-0.143	-1.488
x		0.234	101.924%	-133.600	-0.630	4.158	0.283	2.396	-0.063	-0.063	-1.496
σ		0.004	4.651%	36.970	0.889	1.813	0.020	0.149	0.089	0.089	0.009
%RSD		1.738	4.564	27.670	141.100	43.590	6.895	6.207	142.200	142.200	0.608

Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:40:12	0.001	0.094	0.016	98.437%	0.158	0.058	-0.130	2.186	105.311%	105.007%
2	17:41:58	-0.000	-0.113	-0.135	103.190%	0.070	0.031	-0.069	2.159	108.872%	109.722%
3	17:43:43	-0.004	0.113	0.029	105.159%	0.068	0.091	-0.209	2.051	111.062%	112.261%
x		-0.001	0.031	-0.030	102.262%	0.099	0.060	-0.136	2.132	108.415%	108.997%
σ		0.003	0.125	0.091	3.456%	0.051	0.030	0.070	0.071	2.903%	3.681%

%RSD		306.300	403.000	304.100	3.379	51.860	50.360	51.830	3.349	2.677	3.377
Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	17:40:12	421.300	-0.668	-0.418	2.184	2.037	2.135	105.978%	0.000	0.000	
2	17:41:58	490.500	-0.666	-0.422	2.152	2.010	2.117	110.030%	0.000	0.000	
3	17:43:43	-133.100	-0.691	-0.428	2.098	2.049	2.124	111.724%	0.000	0.000	
x		259.600	-0.675	-0.422	2.145	2.032	2.125	109.244%	0.000	0.000	
σ		341.800	0.014	0.005	0.044	0.020	0.009	2.953%	0.000	0.000	
%RSD		131.700	2.023	1.179	2.046	0.981	0.412	2.703	0.000	0.000	

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User Pre-dilution: 2.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:47:44	106.864%	-0.052	7.021	5.850	0.000	14460.000	7536.000	7830.000	3.618	0.000
2	17:49:30	108.703%	-0.034	6.396	5.073	0.000	14370.000	7500.000	7809.000	3.338	0.000
3	17:51:15	108.687%	-0.065	6.359	5.790	0.000	14380.000	7448.000	7471.000	3.506	0.000
x		108.085%	-0.051	6.592	5.571	0.000	14400.000	7495.000	7703.000	3.487	0.000
σ		1.057%	0.015	0.372	0.432	0.000	49.960	44.170	201.900	0.141	0.000
%RSD		0.978	30.410	5.638	7.758	0.000	0.347	0.589	2.621	4.038	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	55Mn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:47:44	1360.000	M 69940.000	M 74920.000	104.007%	1.034	0.380	2.594	8.586	9112.000	166.000
2	17:49:30	1362.000	M 69180.000	M 75280.000	104.820%	0.975	0.040	2.025	6.585	9288.000	165.600
3	17:51:15	1363.000	M 69780.000	M 75430.000	103.871%	1.061	1.800	1.921	8.064	9409.000	165.800
x		1362.000	M 69630.000	M 75210.000	104.233%	1.023	0.740	2.180	7.745	9270.000	165.800
σ		1.506	M 402.200	M 259.900	0.513%	0.044	0.934	0.363	1.038	149.500	0.202
%RSD		0.111	M 0.578	M 0.345	0.492	4.293	126.200	16.640	13.400	1.613	0.122

Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn	68Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:47:44	70.810	414.900	-0.168	3.237	2.667	15.110	14.600	21.230	65.560	23.070
2	17:49:30	63.510	384.600	-0.153	2.954	2.491	15.180	14.570	21.080	66.920	22.530
3	17:51:15	62.320	376.300	-0.175	2.884	3.344	18.720	18.370	21.190	69.440	23.210
x		65.550	391.900	-0.165	3.025	2.834	16.340	15.850	21.170	67.300	22.930
σ		4.602	20.350	0.011	0.187	0.451	2.067	2.182	0.078	1.966	0.357
%RSD		7.021	5.192	6.851	6.166	15.900	12.650	13.770	0.371	2.921	1.555

Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo	97Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:47:44	-0.623	50.170	0.846	0.000	0.000	0.381	411.200	100.953%	0.529	0.681
2	17:49:30	0.327	45.700	0.778	0.000	0.000	0.646	410.700	101.508%	0.607	0.554
3	17:51:15	0.473	43.640	0.786	0.000	0.000	0.239	411.400	100.343%	0.628	0.558
x		0.059	46.510	0.803	0.000	0.000	0.422	411.100	100.935%	0.588	0.598
σ		0.595	3.336	0.037	0.000	0.000	0.207	0.373	0.582%	0.052	0.072
%RSD		1010.000	7.172	4.588	0.000	0.000	48.980	0.091	0.577	8.839	12.080

Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	109Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:47:44	0.626	95.944%	214.800	1.156	-3.431	0.277	2.950	-0.080	-0.080	-1.492
2	17:49:30	0.665	103.634%	276.000	-0.056	-6.509	0.280	3.201	-0.083	-0.083	-1.493
3	17:51:15	0.609	103.377%	254.700	-0.590	-6.414	0.260	3.182	-0.143	-0.143	-1.497
x		0.633	100.985%	248.500	0.170	-5.451	0.272	3.111	-0.102	-0.102	-1.494
σ		0.029	4.368%	31.080	0.894	1.751	0.011	0.140	0.035	0.035	0.003
%RSD		4.575	4.325	12.510	526.200	32.110	4.024	4.487	34.640	34.640	0.185

Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:47:44	-0.016	-0.419	-0.331	99.011%	0.482	0.327	0.089	45.990	105.392%	105.974%
2	17:49:30	-0.012	-0.672	-0.523	102.768%	0.553	0.317	0.189	45.820	109.083%	110.107%
3	17:51:15	-0.013	-0.634	-0.477	103.946%	0.660	0.328	0.153	45.640	110.683%	111.057%
x		-0.014	-0.575	-0.444	101.908%	0.565	0.324	0.143	45.820	108.386%	109.046%
σ		0.002	0.136	0.101	2.578%	0.090	0.006	0.050	0.173	2.714%	2.702%
%RSD		15.500	23.710	22.660	2.529	15.860	1.957	35.130	0.377	2.504	2.478

Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb

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1	17:47:44	-461.400	-0.691	-0.430	1.453	1.353	1.435	104.708%	0.000	0.000
2	17:49:30	259.500	-0.693	-0.448	1.424	1.309	1.397	108.600%	0.000	0.000
3	17:51:15	M 613.700	-0.692	-0.444	1.513	1.345	1.439	109.676%	0.000	0.000
x		M 137.300	-0.692	-0.441	1.463	1.336	1.424	107.661%	0.000	0.000
σ		M 547.900	0.001	0.010	0.046	0.023	0.023	2.613%	0.000	0.000
%RSD		M 399.100	0.171	2.182	3.112	1.723	1.642	2.427	0.000	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:55:15	97.229%	121.200	131.400	130.300	0.000	5211.000	5139.000	5131.000	5145.000	0.000
2	17:57:01	96.500%	121.800	134.000	133.200	0.000	5308.000	5198.000	5207.000	5240.000	0.000
3	17:58:46	95.326%	122.600	139.700	136.700	0.000	5380.000	5023.000	5282.000	5297.000	0.000
x		96.352%	121.900	135.000	133.400	0.000	5300.000	5120.000	5207.000	5228.000	0.000
σ		0.960%	0.737	4.216	3.210	0.000	84.540	88.860	75.470	77.110	0.000
%RSD		0.996	0.605	3.122	2.406	0.000	1.595	1.736	1.449	1.475	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	55Mn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:55:15	5195.000	5069.000	5060.000	96.881%	119.700	119.400	122.100	122.900	1783.000	121.500
2	17:57:01	5265.000	5211.000	5092.000	96.289%	123.100	120.100	121.600	122.200	1707.000	122.200
3	17:58:46	5272.000	5194.000	5095.000	96.480%	120.500	120.900	121.700	125.100	1654.000	122.100
x		5244.000	5158.000	5082.000	96.550%	121.100	120.200	121.800	123.400	1715.000	121.900
σ		42.690	77.710	19.330	0.302%	1.764	0.755	0.247	1.537	65.050	0.350
%RSD		0.814	1.507	0.380	0.313	1.457	0.628	0.203	1.245	3.794	0.287

Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn	68Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:55:15	5121.000	5027.000	118.900	117.800	120.400	116.300	118.800	120.900	119.800	122.400
2	17:57:01	5155.000	5048.000	119.300	117.600	121.700	118.000	119.000	122.100	121.500	123.700
3	17:58:46	5170.000	5063.000	119.400	117.100	120.700	117.000	119.300	122.100	122.800	123.400
x		5149.000	5046.000	119.200	117.500	120.900	117.100	119.100	121.700	121.400	123.200
σ		24.670	17.930	0.256	0.378	0.684	0.879	0.257	0.697	1.480	0.712
%RSD		0.479	0.355	0.215	0.322	0.566	0.751	0.216	0.573	1.219	0.578

Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo	97Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:55:15	121.700	121.100	123.600	0.000	0.000	122.900	121.300	95.170%	123.200	119.600
2	17:57:01	122.600	120.700	125.000	0.000	0.000	123.300	122.000	95.651%	123.500	120.200
3	17:58:46	122.300	123.700	123.100	0.000	0.000	123.200	122.300	95.093%	123.300	120.100
x		122.200	121.800	123.900	0.000	0.000	123.100	121.900	95.304%	123.300	120.000
σ		0.447	1.640	1.018	0.000	0.000	0.196	0.524	0.302%	0.111	0.321
%RSD		0.366	1.347	0.822	0.000	0.000	0.159	0.430	0.317	0.090	0.267

Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	109Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:55:15	123.600	92.797%	136.000	122.100	121.800	119.200	2.124	123.600	123.600	116.200
2	17:57:01	125.400	99.326%	66.710	125.600	127.200	120.800	1.830	125.500	125.500	117.300
3	17:58:46	124.900	98.943%	110.600	125.500	125.900	122.200	2.211	128.800	128.800	118.200
x		124.600	97.022%	104.400	124.400	124.900	120.700	2.055	126.000	126.000	117.200
σ		0.935	3.664%	35.060	1.973	2.814	1.545	0.200	2.650	2.650	0.996
%RSD		0.750	3.776	33.570	1.586	2.252	1.279	9.720	2.104	2.104	0.850

Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:55:15	120.800	122.400	121.700	94.357%	121.100	124.600	125.500	120.000	100.494%	100.649%
2	17:57:01	121.300	123.800	124.000	97.947%	122.000	125.600	126.500	119.200	103.249%	103.685%
3	17:58:46	123.600	124.700	124.000	98.669%	122.000	125.800	126.800	119.100	104.218%	105.022%
x		121.900	123.700	123.300	96.991%	121.700	125.400	126.300	119.400	102.654%	103.119%
σ		1.492	1.164	1.341	2.309%	0.512	0.647	0.688	0.497	1.932%	2.241%
%RSD		1.224	0.942	1.088	2.381	0.420	0.516	0.545	0.416	1.882	2.173

Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:55:15	242.200	121.500	118.700	123.300	122.100	123.500	101.350%	0.000	0.000
2	17:57:01	-101.800	122.700	119.800	124.100	122.700	124.200	104.792%	0.000	0.000
3	17:58:46	87.070	124.300	120.600	124.500	123.400	124.800	105.284%	0.000	0.000

x	75.830	122.800	119.700	124.000	122.700	124.200	103.809%	0.000	0.000
σ	172.300	1.378	0.965	0.612	0.642	0.685	2.144%	0.000	0.000
%RSD	227.200	1.122	0.806	0.494	0.523	0.551	2.065	0.000	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:02:43	96.840%	0.092	2.936	2.889	0.000	4.430	2.489	2.073	3.819	0.000
2	18:04:28	98.172%	0.006	2.060	1.450	0.000	0.860	-0.804	-1.231	0.909	0.000
3	18:06:14	98.376%	0.016	0.796	1.042	0.000	0.691	-1.162	-1.578	0.550	0.000
x		97.796%	0.038	1.930	1.794	0.000	1.994	0.174	-0.246	1.759	0.000
σ		0.834%	0.047	1.076	0.970	0.000	2.112	2.013	2.015	1.792	0.000
%RSD		0.853	125.000	55.740	54.100	0.000	105.900	1156.000	820.900	101.900	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	55Mn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:02:43	7.521	-4.082	-28.250	96.760%	-0.041	0.812	4.233	5.282	1795.000	0.205
2	18:04:28	4.414	-9.630	-32.720	97.695%	-0.023	1.214	4.582	7.702	1732.000	0.127
3	18:06:14	3.902	-9.275	-32.900	97.471%	-0.042	1.146	4.560	6.671	1747.000	0.116
x		5.279	-7.662	-31.290	97.308%	-0.035	1.057	4.458	6.552	1758.000	0.149
σ		1.958	3.106	2.634	0.488%	0.011	0.215	0.196	1.214	33.020	0.049
%RSD		37.100	40.540	8.419	0.502	30.860	20.370	4.391	18.540	1.879	32.770

Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn	68Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:02:43	15.470	15.040	0.116	1.865	1.798	0.444	0.129	-0.181	1.443	-0.044
2	18:04:28	14.500	13.500	0.059	1.943	1.653	0.396	0.066	-0.192	0.517	-0.173
3	18:06:14	14.900	15.390	0.049	1.958	1.827	0.417	0.122	-0.217	1.032	-0.118
x		14.960	14.640	0.075	1.922	1.760	0.419	0.106	-0.197	0.997	-0.112
σ		0.489	1.006	0.036	0.050	0.093	0.024	0.034	0.018	0.464	0.065
%RSD		3.271	6.872	48.360	2.593	5.284	5.744	32.540	9.290	46.540	58.070

Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo	97Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:02:43	0.234	1.419	0.487	0.000	0.000	0.106	0.109	95.251%	0.743	0.820
2	18:04:28	0.070	1.533	0.404	0.000	0.000	0.084	0.034	96.281%	0.463	0.397
3	18:06:14	-0.148	1.738	0.543	0.000	0.000	-0.115	0.028	95.662%	0.319	0.297
x		0.052	1.564	0.478	0.000	0.000	0.025	0.057	95.732%	0.508	0.505
σ		0.192	0.162	0.070	0.000	0.000	0.122	0.045	0.518%	0.216	0.278
%RSD		371.200	10.340	14.620	0.000	0.000	487.000	78.430	0.542	42.410	55.000

Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	109Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:02:43	0.693	92.637%	-30.400	0.704	2.142	0.208	1.201	0.093	0.093	-0.662
2	18:04:28	0.457	100.164%	-33.920	0.640	2.109	0.178	1.203	-0.010	-0.010	-0.718
3	18:06:14	0.332	100.223%	-68.130	0.230	2.657	0.157	1.160	0.020	0.020	-0.718
x		0.494	97.675%	-44.150	0.525	2.303	0.181	1.188	0.035	0.035	-0.699
σ		0.183	4.363%	20.840	0.258	0.307	0.026	0.024	0.053	0.053	0.032
%RSD		37.100	4.467	47.210	49.050	13.350	14.250	2.024	152.600	152.600	4.606

Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:02:43	0.091	0.142	0.090	93.813%	0.041	-0.325	-0.432	0.066	99.458%	99.216%
2	18:04:28	0.036	0.035	-0.001	97.827%	-0.044	-0.415	-0.509	0.001	102.848%	103.399%
3	18:06:14	0.026	0.070	0.028	99.634%	-0.058	-0.423	-0.516	0.001	104.035%	105.098%
x		0.051	0.082	0.039	97.091%	-0.020	-0.388	-0.486	0.023	102.114%	102.571%
σ		0.035	0.054	0.046	2.980%	0.054	0.054	0.046	0.038	2.375%	3.027%
%RSD		68.960	66.000	120.200	3.069	264.500	13.970	9.566	166.800	2.326	2.951

Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:02:43	47.840	0.388	0.491	0.086	0.029	0.065	100.648%	0.000	0.000
2	18:04:28	28.750	0.056	0.159	0.006	-0.021	-0.002	104.282%	0.000	0.000
3	18:06:14	81.540	-0.106	0.027	0.009	-0.040	-0.007	106.491%	0.000	0.000
x		52.710	0.113	0.226	0.034	-0.011	0.019	103.807%	0.000	0.000
σ		26.730	0.252	0.239	0.045	0.036	0.041	2.950%	0.000	0.000
%RSD		50.710	223.600	106.000	134.100	327.200	217.900	2.842	0.000	0.000

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User Pre-dilution: 5.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:10:11	52.240%	M 2219.000	40.710	32.410	0.000	29010.000	30220.000	30040.000	26870.000	0.000
2	18:11:56	49.734%	M 2441.000	42.630	38.960	0.000	32130.000	33240.000	32970.000	29510.000	0.000
3	18:13:42	36.934%	M 3241.000	59.250	52.590	0.000	43520.000	44940.000	44650.000	40280.000	0.000
x		46.303%	M 2634.000	47.530	41.320	0.000	34890.000	36130.000	35890.000	32220.000	0.000
σ		8.209%	M 537.200	10.190	10.300	0.000	7635.000	7776.000	7728.000	7102.000	0.000
%RSD		17.730	M 20.400	21.450	24.920	0.000	21.890	21.520	21.530	22.040	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	55Mn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:10:11	29760.000	31980.000	31750.000	49.830%	M 2750.000	M 3169.000	M 3463.000	M 3567.000	63950.000	M 2834.000
2	18:11:56	32720.000	34710.000	34610.000	46.944%	M 2979.000	M 3483.000	M 3191.000	M 3343.000	69320.000	M 3073.000
3	18:13:42	44750.000	48180.000	47160.000	36.428%	M 4070.000	M 4755.000	M 4216.000	M 4329.000	92650.000	M 4379.000
x		35740.000	38290.000	37840.000	44.400%	M 3266.000	M 3802.000	M 3623.000	M 3746.000	75310.000	M 3428.000
σ		7938.000	8673.000	8201.000	7.054%	M 705.500	M 839.600	M 530.900	M 516.600	15260.000	M 831.600
%RSD		22.210	22.650	21.670	15.887	M 21.600	M 22.080	M 14.650	M 13.790	20.260	M 24.260

Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn	68Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:10:11	33950.000	33390.000	M 2595.000	M 2823.000	M 2926.000	M 2668.000	M 2752.000	M 2382.000	M 2767.000	M 2443.000
2	18:11:56	35440.000	34850.000	M 2794.000	M 2824.000	M 2890.000	M 2810.000	M 2900.000	M 2575.000	M 3007.000	M 2661.000
3	18:13:42	48200.000	47220.000	M 3797.000	M 3741.000	M 3918.000	M 3825.000	M 3953.000	M 3484.000	M 4066.000	M 3621.000
x		39200.000	38490.000	M 3062.000	M 3130.000	M 3245.000	M 3101.000	M 3202.000	M 2813.000	M 3280.000	M 2908.000
σ		7830.000	7599.000	M 644.400	M 529.900	M 583.300	M 631.100	M 654.900	M 588.200	M 691.000	M 626.700
%RSD		19.980	19.740	M 21.040	M 16.930	M 17.980	M 20.350	M 20.460	M 20.910	M 21.070	M 21.550

Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo	97Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:10:11	M 2404.000	M 2329.000	M 2056.000	0.000	0.000	M 2026.000	2.528	53.808%	M 2779.000	M 2782.000
2	18:11:56	M 2626.000	M 2484.000	M 2205.000	0.000	0.000	M 2204.000	2.601	50.034%	M 3067.000	M 3043.000
3	18:13:42	M 3533.000	M 3454.000	M 2956.000	0.000	0.000	M 2957.000	3.547	38.613%	M 4225.000	M 4208.000
x		M 2854.000	M 2756.000	M 2406.000	0.000	0.000	M 2395.000	2.892	47.485%	M 3357.000	M 3344.000
σ		M 598.400	M 609.600	M 482.600	0.000	0.000	M 494.100	0.568	7.912%	M 764.900	M 759.100
%RSD		M 20.970	M 22.120	M 20.060	0.000	0.000	M 20.630	19.650	16.662	M 22.780	M 22.700

Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	109Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:10:11	M 2864.000	50.864%	-1029.000	M 2708.000	M 2801.000	1102.000	14.660	M 2701.000	M 2701.000	1074.000
2	18:11:56	M 3136.000	50.961%	-1058.000	M 3003.000	M 3103.000	1225.000	11.040	M 2951.000	M 2951.000	1187.000
3	18:13:42	M 4311.000	39.075%	-1222.000	M 4249.000	M 4381.000	M 1692.000	12.930	M 4156.000	M 4156.000	M 1632.000
x		M 3437.000	46.966%	-1103.000	M 3320.000	M 3428.000	M 1340.000	12.880	M 3270.000	M 3270.000	M 1298.000
σ		M 769.000	6.835%	103.900	M 817.700	M 839.000	M 311.300	1.809	M 778.200	M 778.200	M 295.000
%RSD		M 22.370	14.552	9.421	M 24.630	M 24.470	M 23.240	14.050	M 23.800	M 23.800	M 22.740

Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:10:11	M 2636.000	M 2686.000	M 2651.000	54.234%	5.339	M 2786.000	M 2811.000	M 2735.000	59.530%	60.086%
2	18:11:56	M 2896.000	M 2948.000	M 2907.000	52.504%	5.884	M 3086.000	M 3106.000	M 3024.000	57.729%	57.975%
3	18:13:42	M 3998.000	M 4050.000	M 3964.000	41.059%	8.878	M 4232.000	M 4231.000	M 4107.000	45.807%	46.369%
x		M 3177.000	M 3228.000	M 3174.000	49.266%	6.700	M 3368.000	M 3383.000	M 3289.000	54.355%	54.810%
σ		M 723.000	M 723.400	M 696.000	7.159%	1.905	M 762.800	M 749.500	M 722.900	7.457%	7.386%
%RSD		M 22.760	M 22.410	M 21.930	14.532	28.440	M 22.650	M 22.150	M 21.980	13.720	13.476

Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:10:11	M 10490.000	M 2786.000	M 2859.000	M 2979.000	M 2691.000	M 2906.000	59.591%	0.000	0.000
2	18:11:56	M 13760.000	M 3112.000	M 3197.000	M 3308.000	M 2994.000	M 3239.000	57.989%	0.000	0.000
3	18:13:42	M 18830.000	M 4238.000	M 4378.000	M 4487.000	M 4065.000	M 4415.000	45.609%	0.000	0.000
x		M 14360.000	M 3379.000	M 3478.000	M 3591.000	M 3250.000	M 3520.000	54.396%	0.000	0.000
σ		M 4202.000	M 762.000	M 797.600	M 792.900	M 722.100	M 792.700	7.652%	0.000	0.000
%RSD		M 29.260	M 22.560	M 22.940	M 22.080	M 22.220	M 22.520	14.067	0.000	0.000

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User Pre-dilution: 5.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:17:40	18.892%	254.200	10.330	11.830	0.000	M 254500.000	M 195600.000	M 193600.000	12940.000
2	18:19:26	19.880%	248.200	10.800	11.770	0.000	M 245100.000	M 187800.000	M 186700.000	12530.000
3	18:21:11	17.829%	274.500	13.030	11.290	0.000	M 273600.000	M 208600.000	M 207500.000	13910.000
x		18.867%	259.000	11.390	11.630	0.000	M 257700.000	M 197400.000	M 195900.000	13130.000
σ		1.026%	13.810	1.447	0.295	0.000	M 14560.000	M 10490.000	M 10610.000	709.800
%RSD		5.437	5.332	12.710	2.536	0.000	M 5.648	M 5.315	M 5.413	5.407

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:17:40	M 185700.000	M 259400.000	M 255700.000	20.022%	16.720	M 3164.000	M 1711.000	M 1736.000	73480.000
2	18:19:26	M 178400.000	M 243300.000	M 244000.000	21.613%	11.780	M 3018.000	M 1354.000	M 1327.000	65440.000
3	18:21:11	M 199200.000	M 274300.000	M 274800.000	18.675%	17.150	M 3360.000	M 1493.000	M 1426.000	73290.000
x		M 187800.000	M 259000.000	M 258200.000	20.103%	15.220	M 3180.000	M 1519.000	M 1496.000	70740.000
σ		M 10570.000	M 15460.000	M 15580.000	1.471%	2.986	M 171.400	M 179.800	M 213.700	4583.000
%RSD		M 5.627	M 5.969	M 6.036	7.315	19.620	M 5.389	M 11.840	M 14.280	6.479

Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:17:40	9543.000	9535.000	M 2981.000	M 3034.000	M 3110.000	M 1567.000	M 1608.000	M 2902.000	M 3542.000
2	18:19:26	8143.000	8251.000	M 2874.000	M 2812.000	M 2926.000	M 1472.000	M 1516.000	M 2815.000	M 3378.000
3	18:21:11	9061.000	8885.000	M 3183.000	M 3098.000	M 3237.000	M 1618.000	M 1686.000	M 3120.000	M 3823.000
x		8915.000	8890.000	M 3012.000	M 2981.000	M 3091.000	M 1553.000	M 1603.000	M 2946.000	M 3581.000
σ		711.500	642.100	M 156.900	M 150.100	M 156.600	M 73.960	M 85.170	M 156.900	M 225.200
%RSD		7.981	7.223	M 5.208	M 5.035	M 5.065	M 4.763	M 5.313	M 5.326	M 6.288

Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:17:40	M 11270.000	M 9662.000	M 9411.000	0.000	0.000	M 9402.000	973.700	22.049%	34.060
2	18:19:26	M 10850.000	M 9140.000	M 9072.000	0.000	0.000	M 9008.000	935.300	22.540%	18.390
3	18:21:11	M 12160.000	M 9970.000	M 10090.000	0.000	0.000	M 10090.000	1054.000	19.853%	15.490
x		M 11430.000	M 9590.000	M 9525.000	0.000	0.000	M 9500.000	987.600	21.481%	22.650
σ		M 669.800	M 419.700	M 518.600	0.000	0.000	M 547.400	60.450	1.431%	9.992
%RSD		M 5.861	M 4.377	M 5.444	0.000	0.000	M 5.762	6.121	6.660	44.120

Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:17:40	35.080	20.505%	-598.900	342.200	369.800	337.100	6.289	337.100	337.100
2	18:19:26	19.280	22.717%	-927.300	342.900	379.100	333.000	6.263	347.600	347.600
3	18:21:11	15.990	19.867%	-1038.000	377.700	417.900	376.700	5.738	375.500	375.500
x		23.450	21.030%	-854.600	354.200	389.000	349.000	6.097	353.400	353.400
σ		10.210	1.496%	228.200	20.300	25.530	24.140	0.311	19.850	19.850
%RSD		43.530	7.114	26.700	5.731	6.564	6.917	5.099	5.618	5.618

Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:17:40	335.500	341.300	334.300	22.407%	1.624	M 3509.000	M 3518.000	M 13200.000	24.988%
2	18:19:26	326.700	319.800	325.000	23.596%	0.791	M 3398.000	M 3432.000	M 12770.000	26.641%
3	18:21:11	361.800	372.900	358.600	21.372%	1.406	M 3782.000	M 3785.000	M 14200.000	24.214%
x		341.300	344.600	339.300	22.458%	1.274	M 3563.000	M 3579.000	M 13390.000	25.281%
σ		18.220	26.700	17.380	1.113%	0.432	M 197.300	M 184.300	M 731.700	1.240%
%RSD		5.338	7.748	5.124	4.955	33.920	M 5.536	M 5.151	M 5.465	4.905

Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:17:40	M 60210.000	M 14040.000	M 13900.000	M 3761.000	M 3385.000	M 3563.000	25.116%	0.000	0.000
2	18:19:26	M 69940.000	M 13640.000	M 13490.000	M 3636.000	M 3258.000	M 3441.000	26.844%	0.000	0.000
3	18:21:11	M 57180.000	M 15510.000	M 15310.000	M 4088.000	M 3669.000	M 3870.000	24.117%	0.000	0.000
x		M 62440.000	M 14400.000	M 14230.000	M 3828.000	M 3437.000	M 3625.000	25.359%	0.000	0.000
σ		M 6663.000	M 986.600	M 952.600	M 233.900	M 210.000	M 221.200	1.380%	0.000	0.000
%RSD		M 10.670	M 6.853	M 6.693	M 6.110	M 6.110	M 6.104	5.441	0.000	0.000

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User Pre-dilution: 2.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:25:10	99.071%	19.130	1.927	0.233	0.000	15030.000	11870.000	11810.000	793.700	0.000

2	18:26:55	97.381%	19.410	0.662	0.556	0.000	15320.000	12060.000	12050.000	833.600	0.000
3	18:28:41	97.066%	19.390	0.244	1.173	0.000	14960.000	11770.000	11850.000	796.200	0.000
x		97.839%	19.310	0.944	0.654	0.000	15100.000	11900.000	11900.000	807.800	0.000
σ		1.078%	0.153	0.876	0.477	0.000	195.400	146.700	126.500	22.360	0.000
%RSD		1.102	0.794	92.800	72.960	0.000	1.294	1.233	1.063	2.768	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	55Mn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:25:10	10700.000	14940.000	14850.000	100.709%	0.696	191.600	85.200	88.360	4400.000	201.800
2	18:26:55	10850.000	15130.000	15050.000	98.873%	0.766	196.400	81.010	89.530	4090.000	203.700
3	18:28:41	10610.000	14470.000	14710.000	98.912%	0.831	191.500	78.960	77.960	3967.000	200.200
x		10720.000	14850.000	14870.000	99.498%	0.764	193.200	81.720	85.280	4152.000	201.900
σ		122.500	336.500	171.600	1.049%	0.068	2.791	3.181	6.369	223.400	1.770
%RSD		1.143	2.266	1.154	1.054	8.838	1.445	3.892	7.468	5.379	0.877

Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn	68Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:25:10	434.700	514.100	189.600	190.900	194.600	104.800	106.900	197.600	223.200	217.500
2	18:26:55	429.800	519.300	192.700	192.200	196.000	105.800	107.500	201.600	225.200	218.000
3	18:28:41	419.400	515.700	188.200	189.200	189.700	104.000	105.700	198.700	222.500	214.200
x		428.000	516.400	190.200	190.800	193.400	104.900	106.700	199.300	223.600	216.500
σ		7.827	2.634	2.288	1.476	3.303	0.922	0.938	2.084	1.367	2.044
%RSD		1.829	0.510	1.203	0.774	1.708	0.879	0.879	1.045	0.611	0.944

Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo	97Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:25:10	M 772.700	M 761.200	M 784.400	0.000	0.000	M 777.200	55.530	99.261%	0.600	0.647
2	18:26:55	M 780.100	M 761.400	M 784.700	0.000	0.000	M 783.300	55.750	97.267%	0.561	0.455
3	18:28:41	M 760.300	M 765.600	M 771.500	0.000	0.000	M 769.100	54.340	96.669%	0.502	0.486
x		M 771.000	M 762.700	M 780.200	0.000	0.000	M 776.500	55.210	97.732%	0.554	0.529
σ		M 9.987	M 2.508	M 7.505	0.000	0.000	M 7.117	0.761	1.357%	0.049	0.103
%RSD		M 1.295	M 0.329	M 0.962	0.000	0.000	M 0.916	1.378	1.389	8.838	19.490

Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	109Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:25:10	0.633	95.522%	-92.080	19.040	23.220	20.630	2.550	19.790	19.790	18.350
2	18:26:55	0.449	100.728%	-41.440	21.150	23.870	20.960	2.649	21.570	21.570	18.500
3	18:28:41	0.412	99.534%	-165.400	21.220	27.380	20.650	2.350	21.140	21.140	18.370
x		0.498	98.595%	-99.650	20.470	24.820	20.750	2.516	20.840	20.840	18.410
σ		0.119	2.727%	62.340	1.242	2.237	0.183	0.153	0.927	0.927	0.079
%RSD		23.840	2.766	62.560	6.067	9.012	0.881	6.068	4.451	4.451	0.429

Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:25:10	20.040	20.610	20.850	98.296%	-0.033	204.500	204.700	M 777.900	104.931%	105.849%
2	18:26:55	19.990	20.480	20.600	99.714%	-0.065	203.400	205.300	M 775.500	104.949%	105.683%
3	18:28:41	19.890	20.540	20.670	99.987%	-0.009	199.800	200.500	M 757.800	106.100%	107.101%
x		19.970	20.540	20.710	99.332%	-0.035	202.600	203.500	M 770.400	105.327%	106.211%
σ		0.078	0.064	0.128	0.908%	0.028	2.439	2.622	M 10.960	0.670%	0.775%
%RSD		0.389	0.311	0.618	0.914	79.250	1.204	1.288	M 1.423	0.636	0.730

Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:25:10	M 2693.000	M 782.600	M 805.900	219.200	194.600	207.000	106.154%	0.000	0.000
2	18:26:55	M 3188.000	M 795.200	M 817.900	220.200	196.400	208.500	106.493%	0.000	0.000
3	18:28:41	M 2035.000	M 780.000	M 807.000	217.100	192.500	204.700	107.008%	0.000	0.000
x		M 2638.000	M 785.900	M 810.300	218.800	194.500	206.800	106.551%	0.000	0.000
σ		M 578.600	M 8.125	M 6.613	1.609	1.967	1.912	0.430%	0.000	0.000
%RSD		M 21.930	M 1.034	M 0.816	0.736	1.011	0.924	0.404	0.000	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:32:40	99.490%	-0.032	0.092	-0.042	0.000	2.983	81.240	79.880	0.538	0.000
x		99.490%	-0.032	0.092	-0.042	0.000	2.983	81.240	79.880	0.538	0.000
σ		n/a	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
%RSD		n/a	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	55Mn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:32:40	-0.558	-11.110	-34.030	99.804%	0.000	0.034	0.336	-1.559	398.600	0.461
x		-0.558	-11.110	-34.030	99.804%	0.000	0.034	0.336	-1.559	398.600	0.461
σ		0.000	0.000	0.000	n/a	0.000	0.000	0.000	0.000	0.000	0.000
%RSD		0.000	0.000	0.000	n/a	0.000	0.000	0.000	0.000	0.000	0.000

Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn	68Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:32:40	0.036	2.934	0.009	0.018	0.076	1.146	0.809	-0.187	-8.408	-0.294
x		0.036	2.934	0.009	0.018	0.076	1.146	0.809	-0.187	-8.408	-0.294
σ		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
%RSD		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo	97Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:32:40	-0.139	-6.273	-0.257	0.000	0.000	-0.247	0.005	97.184%	0.088	0.092
x		-0.139	-6.273	-0.257	0.000	0.000	-0.247	0.005	97.184%	0.088	0.092
σ		0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	0.000	0.000
%RSD		0.000	0.000	0.000	0.000	0.000	0.000	0.000	n/a	0.000	0.000

Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	109Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:32:40	0.117	93.835%	-7.796	0.215	1.009	0.144	1.288	0.091	0.091	-0.738
x		0.117	93.835%	-7.796	0.215	1.009	0.144	1.288	0.091	0.091	-0.738
σ		0.000	n/a	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
%RSD		0.000	n/a	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:32:40	-0.006	-0.072	-0.077	94.258%	-0.074	-0.532	-0.615	0.030	99.434%	100.228%
x		-0.006	-0.072	-0.077	94.258%	-0.074	-0.532	-0.615	0.030	99.434%	100.228%
σ		0.000	0.000	0.000	n/a	0.000	0.000	0.000	0.000	n/a	n/a
%RSD		0.000	0.000	0.000	n/a	0.000	0.000	0.000	0.000	n/a	n/a

Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:32:40	M 257.700	1.828	1.962	-0.004	-0.047	-0.019	98.926%	0.000	0.000
x		M 257.700	1.828	1.962	-0.004	-0.047	-0.019	98.926%	0.000	0.000
σ		M 0.000	0.000	0.000	0.000	0.000	0.000	n/a	0.000	0.000
%RSD		M 0.000	0.000	0.000	0.000	0.000	0.000	n/a	0.000	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:36:39	94.169%	123.200	134.400	133.600	0.000	5275.000	4949.000	5154.000	5170.000	0.000
2	18:38:24	94.517%	122.300	132.900	132.900	0.000	5309.000	5184.000	5206.000	5224.000	0.000
3	18:40:10	93.729%	122.500	133.700	136.200	0.000	5365.000	4972.000	5278.000	5294.000	0.000
x		94.139%	122.700	133.700	134.200	0.000	5316.000	5035.000	5213.000	5229.000	0.000
σ		0.395%	0.441	0.765	1.720	0.000	45.520	129.400	62.380	62.330	0.000
%RSD		0.419	0.359	0.572	1.282	0.000	0.856	2.571	1.197	1.192	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	55Mn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:36:39	5225.000	5124.000	5083.000	94.682%	120.700	120.000	122.200	126.200	1665.000	122.000
2	18:38:24	5239.000	5167.000	5072.000	95.986%	121.300	119.900	121.600	123.400	1588.000	121.300
3	18:40:10	5306.000	5199.000	5065.000	95.653%	121.200	121.200	122.900	127.900	1570.000	123.000
x		5257.000	5163.000	5073.000	95.441%	121.100	120.400	122.200	125.800	1608.000	122.100
σ		43.280	37.680	9.050	0.678%	0.340	0.710	0.645	2.301	50.790	0.871
%RSD		0.823	0.730	0.178	0.710	0.281	0.589	0.527	1.829	3.159	0.713

Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn	68Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:36:39	5150.000	5024.000	118.600	118.800	121.000	117.600	119.700	121.300	123.700	122.100
2	18:38:24	5142.000	4996.000	117.600	116.800	118.700	116.600	117.600	120.400	121.900	122.400
3	18:40:10	5195.000	5041.000	119.100	116.600	119.000	117.200	119.400	122.200	122.200	121.800
x		5162.000	5020.000	118.500	117.400	119.500	117.100	118.900	121.300	122.600	122.100
σ		28.460	22.890	0.811	1.219	1.256	0.540	1.103	0.899	0.949	0.303
%RSD		0.551	0.456	0.685	1.038	1.051	0.461	0.928	0.741	0.774	0.248

Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo	97Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:36:39	123.000	122.200	121.900	0.000	0.000	122.000	121.700	93.654%	123.200	120.200
2	18:38:24	121.700	122.000	124.000	0.000	0.000	122.000	121.500	94.740%	123.300	120.200
3	18:40:10	122.600	121.200	122.400	0.000	0.000	121.300	122.700	94.146%	124.000	121.300
x		122.400	121.800	122.800	0.000	0.000	121.800	122.000	94.180%	123.500	120.600
σ		0.682	0.517	1.111	0.000	0.000	0.414	0.669	0.544%	0.455	0.596
%RSD		0.557	0.424	0.905	0.000	0.000	0.340	0.549	0.578	0.368	0.494

Run	Time	98Mo	103Rh	105Pd	106Pd	106Cd	107Ag	108Mo O	108Pd	108Cd	109Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:36:39	125.600	89.830%	105.100	125.300	125.900	120.300	2.182	128.000	128.000	117.100
2	18:38:24	125.100	97.659%	124.700	121.700	121.600	121.500	2.497	128.500	128.500	117.500
3	18:40:10	125.800	97.583%	96.030	127.300	128.100	121.900	1.996	128.200	128.200	118.200
x		125.500	95.024%	108.600	124.800	125.200	121.200	2.225	128.300	128.300	117.600
σ		0.343	4.499%	14.620	2.827	3.307	0.858	0.253	0.278	0.278	0.576
%RSD		0.273	4.734	13.460	2.266	2.641	0.707	11.390	0.217	0.217	0.489

Run	Time	110Pd	111Cd	114Cd	115In	118Sn	121Sb	123Sb	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:36:39	121.600	121.700	121.800	92.559%	122.000	124.800	125.500	121.300	98.130%	98.780%
2	18:38:24	121.900	122.900	122.800	96.712%	122.800	125.700	126.800	119.600	101.684%	102.413%
3	18:40:10	122.200	124.300	123.800	97.388%	122.400	125.400	126.200	120.900	103.102%	104.000%
x		121.900	123.000	122.800	95.553%	122.400	125.300	126.200	120.600	100.972%	101.731%
σ		0.301	1.321	0.996	2.615%	0.384	0.448	0.654	0.886	2.561%	2.676%
%RSD		0.247	1.075	0.811	2.737	0.313	0.358	0.519	0.735	2.536	2.631

Run	Time	202Hg	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:36:39	M 256.800	123.000	120.200	123.400	122.100	123.600	99.340%	0.000	0.000
2	18:38:24	M 290.400	124.400	120.600	123.000	122.300	123.800	103.819%	0.000	0.000
3	18:40:10	-102.500	124.300	120.800	123.900	122.800	124.200	104.976%	0.000	0.000
x		M 148.200	123.900	120.600	123.400	122.400	123.900	102.712%	0.000	0.000
σ		M 217.800	0.790	0.325	0.425	0.339	0.348	2.977%	0.000	0.000
%RSD		M 146.900	0.638	0.270	0.345	0.277	0.281	2.898	0.000	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:44:07	95.336%	0.035	3.260	2.717	0.000	2.004	0.207	-0.468	1.655	0.000
2	18:45:52	95.010%	0.011	2.057	1.357	0.000	1.957	-0.576	-1.042	1.202	0.000
3	18:47:38	95.843%	0.007	1.386	1.024	0.000	1.454	-0.792	-0.975	0.994	0.000
x		95.396%	0.017	2.234	1.699	0.000	1.805	-0.387	-0.828	1.284	0.000
σ		0.420%	0.015	0.950	0.897	0.000	0.305	0.526	0.314	0.338	0.000
%RSD		0.440	87.380	42.500	52.790	0.000	16.900	135.900	37.920	26.330	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cr	53Cl O	55Mn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:44:07	7.118	-10.810	-31.950	94.998%	0.008	0.253	6.193	6.369	1767.000	0.193
2	18:45:52	5.407	-12.250	-31.820	95.888%	-0.067	0.962	6.691	7.638	1714.000	0.198
3	18:47:38	5.004	-10.540	-32.230	96.203%	-0.047	1.091	6.542	10.390	1720.000	0.207
x		5.843	-11.200	-32.000	95.697%	-0.036	0.769	6.476	8.134	1734.000	0.200
σ		1.123	0.916	0.209	0.625%	0.039	0.451	0.255	2.058	29.270	0.007
%RSD		19.220	8.181	0.652	0.653	109.200	58.690	3.945	25.310	1.688	3.424

Run	Time	56Fe	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	67Zn	68Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:44:07	19.280	21.820	0.100	2.719	2.825	0.648	0.384	-0.208	0.228	-0.041
2	18:45:52	20.770	22.580	0.078	2.937	2.605	0.665	0.373	-0.210	-0.425	-0.105
3	18:47:38	20.370	20.350	0.074	2.902	2.898	0.665	0.369	-0.235	-0.905	-0.140
x		20.140	21.580	0.084	2.853	2.776	0.659	0.376	-0.218	-0.367	-0.096
σ		0.774	1.131	0.014	0.117	0.152	0.010	0.008	0.015	0.568	0.050
%RSD		3.842	5.242	16.640	4.106	5.490	1.459	2.005	6.973	154.700	52.380

Run	Time	75As	77Se	78Se	79Br	81Br	82Se	88Sr	89Y	95Mo	97Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:44:07	-0.027	2.711	0.292	0.000	0.000	0.354	0.053	93.577%	0.720	0.838

2	18:45:52	-0.059	1.801	0.616	0.000	0.000	-0.067	0.036	94.571%	0.496	0.484
3	18:47:38	-0.064	1.667	-0.133	0.000	0.000	-0.105	0.028	94.248%	0.422	0.355
x		-0.050	2.060	0.258	0.000	0.000	0.061	0.039	94.132%	0.546	0.559
σ		0.020	0.568	0.376	0.000	0.000	0.255	0.013	0.507%	0.155	0.250
%RSD		40.430	27.580	145.400	0.000	0.000	418.100	33.530	0.539	28.410	44.760
Run	**Time**	**98Mo**	**103Rh**	**105Pd**	**106Pd**	**106Cd**	**107Ag**	**108Mo O**	**108Pd**	**108Cd**	**109Ag**
		ppb	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**
1	18:44:07	0.797	90.459%	18.040	0.189	0.311	0.192	1.331	0.029	0.029	-0.694
2	18:45:52	0.533	98.607%	-0.408	0.416	0.965	0.186	1.296	0.085	0.085	-0.705
3	18:47:38	0.387	98.405%	-19.920	0.643	1.752	0.178	1.229	0.022	0.022	-0.711
x		0.572	95.824%	-0.765	0.416	1.009	0.185	1.285	0.046	0.046	-0.703
σ		0.208	4.647%	18.980	0.227	0.722	0.007	0.052	0.034	0.034	0.008
%RSD		36.330	4.849	2481.000	54.690	71.530	3.699	4.016	75.760	75.760	1.187
Run	**Time**	**110Pd**	**111Cd**	**114Cd**	**115In**	**118Sn**	**121Sb**	**123Sb**	**137Ba**	**159Tb**	**165Ho**
		ppb	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**
1	18:44:07	0.027	-0.027	-0.039	92.621%	-0.003	-0.391	-0.469	0.047	97.864%	98.007%
2	18:45:52	0.034	-0.025	-0.050	96.531%	-0.052	-0.408	-0.479	0.021	101.842%	102.463%
3	18:47:38	0.029	0.018	-0.003	97.404%	-0.067	-0.389	-0.502	-0.008	104.022%	103.708%
x		0.030	-0.011	-0.030	95.519%	-0.041	-0.396	-0.483	0.020	101.243%	101.392%
σ		0.003	0.026	0.024	2.547%	0.033	0.010	0.017	0.027	3.123%	2.997%
%RSD		11.080	226.500	79.350	2.667	81.650	2.596	3.435	135.400	3.084	2.956
Run	**Time**	**202Hg**	**203Tl**	**205Tl**	**206Pb**	**207Pb**	**208Pb**	**209Bi**	**220Bkg**	**238U**	
		ppb	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	
1	18:44:07	121.200	0.569	0.675	0.049	0.001	0.028	99.588%	0.000	0.000	
2	18:45:52	-226.600	0.292	0.397	0.019	-0.009	0.010	103.414%	0.000	0.000	
3	18:47:38	-165.800	0.141	0.257	0.020	-0.022	0.004	104.772%	0.000	0.000	
x		-90.420	0.334	0.443	0.029	-0.010	0.014	102.591%	0.000	0.000	
σ		185.800	0.217	0.213	0.017	0.012	0.012	2.688%	0.000	0.000	
%RSD		205.400	64.950	48.080	58.010	118.600	87.980	2.620	0.000	0.000	

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: N74646
Account: ENSRMAA - ENSR Consulting & Engineering
Project: Former Camp Butner, NC

File ID: IT0812M1.ASC
Analyst: ND
Date Analyzed: 08/12/04
Run ID: MA14278
Methods: EPA 200.7, SW846 6010B
Parameters: Al,Sb,As,Ba,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
10:52	MA14278-STD1	1		STDA
11:00	MA14278-STD2	1		STDB
11:07	MA14278-STD3	1		STDC
11:12	MA14278-STD4	1		STDD
11:17	MA14278-STD5	1		STDE
11:29	MA14278-STD6	1		STDA
11:40	MA14278-STD7	1		STDA
11:49	MA14278-STD8	1		STDC
11:52	MA14278-STD9	1		STDD
11:55	MA14278-HSTD1	1		
12:10	MA14278-CRIB1	1		
12:18	MA14278-ICV1	1		
12:26	MA14278-ICB1	1		
12:33	MA14278-CCV1	1		
12:41	MA14278-CCB1	1		
13:03	MA14278-ICSA1	1		
13:11	MA14278-ICSAB1	1		
13:19	MA14278-CCV2	1		
13:27	MA14278-CCB2	1		
13:35	MA14278-CCV3	1		
13:42	MA14278-CCB3	1		
13:50	MP26742-MB1	1		
13:58	MP26742-LC1	1		
14:05	MP26742-S1	1		
14:13	MP26742-S2	1		
14:21	N73626-2	1		(sample used for QC only; not part of login N74646)
14:28	MP26742-SD1	5		
14:36	ZZZZZZ	1		
14:44	ZZZZZZ	1		
14:51	ZZZZZZ	1		
14:59	MA14278-CCV4	1		
15:07	MA14278-CCB4	1		
15:15	ZZZZZZ	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: N74646
Account: ENSRMAA - ENSR Consulting & Engineering
Project: Former Camp Butner, NC

File ID: IT0812M1.ASC Date Analyzed: 08/12/04 Methods: EPA 200.7, SW846 6010B
Analyst: ND Run ID: MA14278
Parameters: Al,Sb,As,Ba,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
15:22	ZZZZZZ	1		
15:30	ZZZZZZ	1		
15:38	ZZZZZZ	1		
15:56	ZZZZZZ	1		
16:04	ZZZZZZ	1		
16:12	ZZZZZZ	1		
16:26	MA14278-CRIB2	1		
16:34	MA14278-ICSA2	1		
16:47	MA14278-ICSAB2	1		
16:55	MA14278-CCV5	1		
17:08	MA14278-CCB5	1		
17:15	ZZZZZZ	1		
17:23	ZZZZZZ	1		
17:31	ZZZZZZ	1		
17:38	ZZZZZZ	1		
17:46	ZZZZZZ	1		
17:54	ZZZZZZ	1		
18:01	ZZZZZZ	1		
18:13	MA14278-CCV6	1		
18:20	MA14278-CCB6	1		
18:28	MP26768-MB1	1		Batch to reanalysis for Al, CCB low.
18:36	MP26768-LC1	1		
18:44	MP26768-S1	1		To reanalysis for Ca, over HSTD.
18:51	MP26768-S2	1		To reanalysis for Ca, over HSTD.
18:59	N74646-12	1		
19:07	MP26768-SD1	5		
19:14	N74646-13	1		
19:22	N74646-12F	1		
19:30	N74646-13F	1		
19:37	MA14278-CCV7	1		
19:55	MA14278-CCB7	1		
20:13	MA14278-CCV8	1		
20:21	MA14278-CCB8	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: N74646
Account: ENSRMAA - ENSR Consulting & Engineering
Project: Former Camp Butner, NC

File ID: IT0812M1.ASC
Analyst: ND
Date Analyzed: 08/12/04
Run ID: MA14278
Methods: EPA 200.7, SW846 6010B
Parameters: Al,Sb,As,Ba,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
20:28	ZZZZZZ	1		
20:36	ZZZZZZ	1		
20:44	ZZZZZZ	1		
20:52	MP26767-MB1	1		See rerun for Sb, bad replicate. Batch to reanalysis for Sb hits.
20:59	MP26767-LC1	1		
21:07	MP26767-S1	1		
21:15	MP26767-S2	1		
21:22	N74646-2	1		
21:30	MP26767-SD1	5		
21:38	MA14278-CCV9	1		
21:55	MA14278-CCB9	1		
22:03	N74646-1	1		
22:10	N74646-3	1		
22:18	N74646-4	1		
22:26	N74646-5	1		
22:33	N74646-6	1		
22:41	N74646-8	1		
22:49	N74646-9	1		
22:56	N74646-10	1		
23:04	N74646-11	1		
23:12	MA14278-CCV10	1		
23:20	MA14278-CCB10	1		
23:46	MA14278-CRIB3	1		
23:54	MA14278-ICSA3	1		
00:03	MA14278-ICSAB3	1		
00:11	MA14278-CCV11	1		
00:18	MA14278-CCB11	1		
00:26	N74646-1F	1		
00:34	N74646-2F	1		
00:42	N74646-3F	1		
00:49	N74646-4F	1		
00:57	N74646-5F	1		
01:05	N74646-6F	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: N74646
Account: ENSRMAA - ENSR Consulting & Engineering
Project: Former Camp Butner, NC

File ID: IT0812M1.ASC
Analyst: ND
Date Analyzed: 08/12/04
Run ID: MA14278
Methods: EPA 200.7, SW846 6010B
Parameters: Al,Sb,As,Ba,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
01:12	N74646-8F	1		Results confirmed with undigested sample in MA14285.
01:20	N74646-9F	1		
01:28	N74646-10F	1		
01:35	MA14278-CCV12	1		
01:43	MA14278-CCB12	1		
01:51	N74646-11F	1		
01:59	MP26749-MB1	1		
02:06	MP26749-LC1	1		
02:14	MP26749-S1	1		
02:22	MP26749-S2	1		
02:29	N74068-1	1		(sample used for QC only; not part of login N74646)
02:37	MP26749-SD1	5		
02:45	ZZZZZZ	1		
02:53	ZZZZZZ	1		
03:00	ZZZZZZ	1		
03:08	MA14278-CCV13	1		
03:16	MA14278-CCB13	1		
03:23	ZZZZZZ	1		
03:31	ZZZZZZ	1		
03:39	ZZZZZZ	1		
03:46	ZZZZZZ	1		
03:54	ZZZZZZ	1		
04:02	ZZZZZZ	1		
04:10	ZZZZZZ	1		
04:17	ZZZZZZ	1		
04:25	ZZZZZZ	1		
04:33	ZZZZZZ	1		
04:40	MA14278-CCV14	1		
04:48	MA14278-CCB14	1		
04:56	ZZZZZZ	1		
05:04	ZZZZZZ	1		
05:11	ZZZZZZ	1		
05:19	ZZZZZZ	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: N74646
Account: ENSRMAA - ENSR Consulting & Engineering
Project: Former Camp Butner, NC

File ID: IT0812M1.ASC Date Analyzed: 08/12/04 Methods: EPA 200.7, SW846 6010B
Analyst: ND Run ID: MA14278
Parameters: Al,Sb,As,Ba,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
05:27	ZZZZZZ	1		
05:34	MP26737-S1	1		To reanalysis for As to confirm.
05:42	MP26737-S2	1		To reanalysis for As to confirm.
05:50	N74259-3F	1		(sample used for QC only; not part of login N74646)
05:57	MP26737-SD1	5		To reanalysis for As to confirm.
06:05	ZZZZZZ	1		
06:13	MA14278-CCV15	1		
06:21	MA14278-CCB15	1		
06:28	ZZZZZZ	1		
06:36	ZZZZZZ	1		
06:44	ZZZZZZ	1		
06:51	ZZZZZZ	1		
06:59	ZZZZZZ	1		
07:07	ZZZZZZ	1		
07:15	ZZZZZZ	1		
07:24	MA14278-CRIB4	1		
07:38	MA14278-ICSA4	1		
07:48	MA14278-ICSAB4	1		
07:56	MA14278-CCV16	1		
08:04	MA14278-CCB16	1		
08:14	ZZZZZZ	1		
08:22	ZZZZZZ	1		
08:29	ZZZZZZ	1		
08:37	ZZZZZZ	1		
08:44	ZZZZZZ	1		
08:52	ZZZZZZ	1		
09:00	ZZZZZZ	1		
09:10	ZZZZZZ	1		
09:17	ZZZZZZ	1		
09:25	MA14278-CCV17	1		
09:33	MA14278-CCB17	1		
09:41	MP26767-MB1	1		Sb.

----------> Last reportable sample/prep for job N74646

09:48	ZZZZZZ	1		

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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: IT0812M1.ASC
Analyst: ND
Date Analyzed: 08/12/04
Run ID: MA14278
Methods: EPA 200.7, SW846 6010B
Parameters: Al,Sb,As,Ba,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
09:57	MA14278-CRIB5	1		
10:10	MA14278-ICSA5	1		
10:18	MA14278-ICSAB5	1		
10:26	MA14278-CCV18	1		
10:34	MA14278-CCB18	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: IT0812M1.ASC
Analyst: ND
Date Analyzed: 08/12/04
Run ID: MA14278
Methods: EPA 200.7, SW846 6010B
Parameters: Al,Sb,As,Ba,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,V,Zn

Time	Sample Description	Istd#1
10:52	MA14278-STD1	35302 R
11:00	MA14278-STD2	35351
11:07	MA14278-STD3	35950
11:12	MA14278-STD4	35219
11:17	MA14278-STD5	35078
11:29	MA14278-STD6	34993
11:40	MA14278-STD7	35408
11:49	MA14278-STD8	35271
11:52	MA14278-STD9	35313
11:55	MA14278-HSTD1	35104
12:10	MA14278-CRIB1	35275
12:18	MA14278-ICV1	35416
12:26	MA14278-ICB1	35363
12:33	MA14278-CCV1	34979
12:41	MA14278-CCB1	34582
13:03	MA14278-ICSA1	33877
13:11	MA14278-ICSAB1	34584
13:19	MA14278-CCV2	35549
13:27	MA14278-CCB2	36332
13:35	MA14278-CCV3	35319
13:42	MA14278-CCB3	35348
13:50	MP26742-MB1	35565
13:58	MP26742-LC1	35474
14:05	MP26742-S1	36424
14:13	MP26742-S2	35760
14:21	N73626-2	35758
14:28	MP26742-SD1	35817
14:36	ZZZZZZ	35546
14:44	ZZZZZZ	35100
14:51	ZZZZZZ	34920
14:59	MA14278-CCV4	35286
15:07	MA14278-CCB4	35176
15:15	ZZZZZZ	34351
15:22	ZZZZZZ	34142

INTERNAL STANDARD SUMMARY

Login Number: N74646
Account: ENSRMAA - ENSR Consulting & Engineering
Project: Former Camp Butner, NC

File ID: IT0812M1.ASC
Analyst: ND
Date Analyzed: 08/12/04
Run ID: MA14278
Methods: EPA 200.7, SW846 6010B
Parameters: Al,Sb,As,Ba,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,V,Zn

Time	Sample Description	Istd#1
15:30	ZZZZZZ	35241
15:38	ZZZZZZ	35090
15:56	ZZZZZZ	36627
16:04	ZZZZZZ	35797
16:12	ZZZZZZ	35546
16:26	MA14278-CRIB2	35448
16:34	MA14278-ICSA2	33477
16:47	MA14278-ICSAB2	33677
16:55	MA14278-CCV5	34889
17:08	MA14278-CCB5	34951
17:15	ZZZZZZ	35236
17:23	ZZZZZZ	35403
17:31	ZZZZZZ	34593
17:38	ZZZZZZ	35022
17:46	ZZZZZZ	35111
17:54	ZZZZZZ	35026
18:01	ZZZZZZ	35241
18:13	MA14278-CCV6	34877
18:20	MA14278-CCB6	35618
18:28	MP26768-MB1	34914
18:36	MP26768-LC1	34783
18:44	MP26768-S1	34480
18:51	MP26768-S2	34756
18:59	N74646-12	34789
19:07	MP26768-SD1	34965
19:14	N74646-13	34616
19:22	N74646-12F	34069
19:30	N74646-13F	33591
19:37	MA14278-CCV7	34790
19:55	MA14278-CCB7	34899
20:13	MA14278-CCV8	35055
20:21	MA14278-CCB8	34880
20:28	ZZZZZZ	34670
20:36	ZZZZZZ	36848

INTERNAL STANDARD SUMMARY

Login Number: N74646
Account: ENSRMAA - ENSR Consulting & Engineering
Project: Former Camp Butner, NC

File ID: IT0812M1.ASC
Analyst: ND
Date Analyzed: 08/12/04
Run ID: MA14278
Methods: EPA 200.7, SW846 6010B
Parameters: Al,Sb,As,Ba,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,V,Zn

Time	Sample Description	Istd#1
20:44	ZZZZZZ	38078
20:52	MP26767-MB1	34711
20:59	MP26767-LC1	34903
21:07	MP26767-S1	34570
21:15	MP26767-S2	34447
21:22	N74646-2	34698
21:30	MP26767-SD1	34556
21:38	MA14278-CCV9	34314
21:55	MA14278-CCB9	35581
22:03	N74646-1	34781
22:10	N74646-3	33741
22:18	N74646-4	34711
22:26	N74646-5	34474
22:33	N74646-6	34678
22:41	N74646-8	34603
22:49	N74646-9	34169
22:56	N74646-10	34830
23:04	N74646-11	34022
23:12	MA14278-CCV10	34611
23:20	MA14278-CCB10	34847
23:46	MA14278-CRIB3	34567
23:54	MA14278-ICSA3	33505
00:03	MA14278-ICSAB3	33422
00:11	MA14278-CCV11	34675
00:18	MA14278-CCB11	35425
00:26	N74646-1F	34406
00:34	N74646-2F	34071
00:42	N74646-3F	34327
00:49	N74646-4F	34860
00:57	N74646-5F	34548
01:05	N74646-6F	34925
01:12	N74646-8F	34500
01:20	N74646-9F	34175
01:28	N74646-10F	34465

INTERNAL STANDARD SUMMARY

Login Number: N74646
Account: ENSRMAA - ENSR Consulting & Engineering
Project: Former Camp Butner, NC

File ID: IT0812M1.ASC
Analyst: ND
Date Analyzed: 08/12/04
Run ID: MA14278
Methods: EPA 200.7, SW846 6010B
Parameters: Al,Sb,As,Ba,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,V,Zn

Time	Sample Description	Istd#1
01:35	MA14278-CCV12	34801
01:43	MA14278-CCB12	34775
01:51	N74646-11F	34093
01:59	MP26749-MB1	34824
02:06	MP26749-LC1	34399
02:14	MP26749-S1	34398
02:22	MP26749-S2	34719
02:29	N74068-1	34213
02:37	MP26749-SD1	34884
02:45	ZZZZZZ	34355
02:53	ZZZZZZ	35230
03:00	ZZZZZZ	36211
03:08	MA14278-CCV13	34488
03:16	MA14278-CCB13	34838
03:23	ZZZZZZ	35769
03:31	ZZZZZZ	35347
03:39	ZZZZZZ	34415
03:46	ZZZZZZ	34554
03:54	ZZZZZZ	34859
04:02	ZZZZZZ	34926
04:10	ZZZZZZ	34837
04:17	ZZZZZZ	34731
04:25	ZZZZZZ	34979
04:33	ZZZZZZ	35693
04:40	MA14278-CCV14	35396
04:48	MA14278-CCB14	35508
04:56	ZZZZZZ	35151
05:04	ZZZZZZ	35863
05:11	ZZZZZZ	35718
05:19	ZZZZZZ	35467
05:27	ZZZZZZ	35385
05:34	MP26737-S1	35239
05:42	MP26737-S2	35424
05:50	N74259-3F	34739

INTERNAL STANDARD SUMMARY

Login Number: N74646
Account: ENSRMAA - ENSR Consulting & Engineering
Project: Former Camp Butner, NC

File ID: IT0812M1.ASC Date Analyzed: 08/12/04 Methods: EPA 200.7, SW846 6010B
Analyst: ND Run ID: MA14278
Parameters: Al,Sb,As,Ba,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,V,Zn

Time	Sample Description	Istd#1
05:57	MP26737-SD1	35535
06:05	ZZZZZZ	35201
06:13	MA14278-CCV15	34367
06:21	MA14278-CCB15	34983
06:28	ZZZZZZ	34576
06:36	ZZZZZZ	35217
06:44	ZZZZZZ	34789
06:51	ZZZZZZ	34869
06:59	ZZZZZZ	34589
07:07	ZZZZZZ	34854
07:15	ZZZZZZ	34605
07:24	MA14278-CRIB4	34921
07:38	MA14278-ICSA4	33261
07:48	MA14278-ICSAB4	33561
07:56	MA14278-CCV16	34626
08:04	MA14278-CCB16	34847
08:14	ZZZZZZ	34634
08:22	ZZZZZZ	34887
08:29	ZZZZZZ	34926
08:37	ZZZZZZ	35043
08:44	ZZZZZZ	35666
08:52	ZZZZZZ	35226
09:00	ZZZZZZ	34970
09:10	ZZZZZZ	35875
09:17	ZZZZZZ	35632
09:25	MA14278-CCV17	35256
09:33	MA14278-CCB17	36250
09:41	MP26767-MB1	35283
09:48	ZZZZZZ	35379
09:57	MA14278-CRIB5	35634
10:10	MA14278-ICSA5	34137
10:18	MA14278-ICSAB5	34003
10:26	MA14278-CCV18	35434
10:34	MA14278-CCB18	35407

INTERNAL STANDARD SUMMARY

Login Number: N74646
Account: ENSRMAA - ENSR Consulting & Engineering
Project: Former Camp Butner, NC

File ID: IT0812M1.ASC
Date Analyzed: 08/12/04
Methods: EPA 200.7, SW846 6010B
Analyst: ND
Run ID: MA14278
Parameters: Al,Sb,As,Ba,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,V,Zn

Time	Sample Description	Istd#1

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: IT0812M1.ASC
Analyst: ND

Date Analyzed: 08/12/04
Run ID: MA14278

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 8/13/04

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

ACCUTEST

Analytical Standards Information Log

Analytical Run ID: MA 14278

Standard Type	Standard ID
Calibration Standard A	MA - 75 - 393 - STDA
Calibration Standard B	MA - 75 - 394 - STDB
Calibration Standard C	MA - 75 - 395 - STDC
Calibration Standard D	MA - 75 - 396 - STDD
Calibration Standard E	MA - 75 - 397 - STDE
Internal Standard	MA - 75 - 398 - IS
Initial Calibration Check Standard	MA - 59 - 056 - ICV
High Check Standard	MA - 69 - 198 - HSTD
Continuing Calibration Check Standard	MA - 71 - 202 - CCV
Interfering Element ICSA Standard	MA - 74 - 020 - ICSA
Interfering Element ICSAB Standard	MA - 74 - 019 - ICSAB 3
Low Check Standard	MA - 70 - 047 - CRI B

8-12-04

Form: AA-013
Rev. Date: 5/8/2001

Standardization Rpt.

08/12/04 11:00:21 AM

Method: EPA3 Standard: STDA

Run Time: 08/12/04 10:52:49

Nancy Dreas 8/12/04

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Avge	.06676	.00120	.00117	.00028	.00082	.00918	.00017
SDev	.00011	.00001	.00009	.00013	.00027	.00024	.00006
%RSD	.16748	1.1967	8.0131	45.955	33.241	2.6508	33.131
#1	.06685	.00119	.00113	.00014	.00051	.00937	.00017
#2	.06663	.00122	.00110	.00031	.00102	.00890	.00023
#3	.06679	.00119	.00128	.00040	.00094	.00926	.00011

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Sb2068
Avge	.00213	-.00515	.00008	.00029	.00061	-.00447	.00158
SDev	.00032	.00054	.00007	.00016	.00120	.00155	.00178
%RSD	15.197	10.464	94.288	54.966	196.46	34.612	112.10
#1	.00235	-.00521	.00014	.00011	.00091	-.00527	.00034
#2	.00229	-.00458	.00000	.00042	.00164	-.00269	.00362
#3	.00176	-.00565	.00009	.00034	-.00071	-.00545	.00080

Elem	Al3082	Ca3179	Fe2714	Mg2790	K 7664	Na3302	Mo2020
Avge	.00749	.00615	-.00026	.00050	.14236	.01213	-.00023
SDev	.00019	.00040	.00009	.00017	.00044	.00098	.00088
%RSD	2.5452	6.4586	34.262	33.150	.30865	8.1083	392.25
#1	.00745	.00572	-.00020	.00031	.14199	.01169	-.00034
#2	.00732	.00622	-.00037	.00062	.14225	.01145	-.00105
#3	.00770	.00650	-.00023	.00057	.14285	.01326	.00071

Elem	Pd3404	Si2881	Sn1899	2203/1	2203/2	1960/1	1960/2
Avge	-.00043	.05671	.00029	.00115	.00384	-.00562	.00479
SDev	.00012	.00021	.00150	.00128	.00317	.00744	.00048
%RSD	27.070	.37534	527.24	111.25	82.551	132.31	10.050
#1	-.00057	.05691	.00082	.00130	.00331	.00150	.00467
#2	-.00040	.05674	-.00141	.00235	.00724	-.01334	.00531
#3	-.00034	.05649	.00145	-.00020	.00097	-.00503	.00437

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35302	--	--	--	--	--	--
SDev	81.87561	--	--	--	--	--	--
%RSD	.2319282	--	--	--	--	--	--
#1	35320	--	--	--	--	--	--
#2	35374	--	--	--	--	--	--
#3	35213	--	--	--	--	--	--

Standardization Rpt. 08/12/04 11:07:11 AM

Method: EPA3 Standard: STDB
Run Time: 08/12/04 11:00:25

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Avge	5.2149	10.270	17.453	1.0427	2.9116	1.6643	2.4604
SDev	.0070	.031	.048	.0030	.0081	.0036	.0064
%RSD	.13403	.29854	.27649	.28526	.27790	.21515	.25879
#1	5.2069	10.235	17.398	1.0393	2.9025	1.6601	2.4531
#2	5.2201	10.291	17.489	1.0437	2.9179	1.6666	2.4648
#3	5.2176	10.285	17.473	1.0450	2.9143	1.6660	2.4633

Elem	Ni2316	Zn2062	As1890	Tl1908	Mo2020	Pd3404	Sn1899
Avge	1.6016	2.1359	2.3933	2.0046	3.4368	1.0306	1.3253
SDev	.0050	.0060	.0050	.0089	.0152	.0025	.0040
%RSD	.31360	.28006	.21061	.44328	.44204	.24036	.30219
#1	1.5958	2.1290	2.3876	1.9960	3.4205	1.0278	1.3207
#2	1.6048	2.1390	2.3972	2.0137	3.4506	1.0324	1.3282
#3	1.6042	2.1396	2.3951	2.0040	3.4392	1.0316	1.3270

Elem	2203/1	2203/2	1960/1	1960/2
Avge	4.0439	6.6650	4.8278	2.4718
SDev	.0261	.0487	.0342	.0137
%RSD	.64588	.73032	.70786	.55414
#1	4.0190	6.6090	4.7988	2.4572
#2	4.0416	6.6974	4.8192	2.4843
#3	4.0711	6.6885	4.8654	2.4739

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35351	--	--	--	--	--	--
SDev	248.6771	--	--	--	--	--	--
%RSD	.7034422	--	--	--	--	--	--
#1	35638	--	--	--	--	--	--
#2	35218	--	--	--	--	--	--
#3	35198	--	--	--	--	--	--

Standardization Rpt. 08/12/04 11:12:27 AM

Method: EPA3 Standard: STDC
Run Time: 08/12/04 11:07:15

Elem	Ag3280	Sb2068	Si2881
Avge	.72378	1.4685	3.1548
SDev	.00892	.0188	.0381
%RSD	1.2329	1.2770	1.2081
#1	.71368	1.4469	3.1110
#2	.73057	1.4800	3.1806
#3	.72711	1.4786	3.1727

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35950	--	--	--	--	--	--
SDev	347.1046	--	--	--	--	--	--
%RSD	.9655097	--	--	--	--	--	--
#1	36351	--	--	--	--	--	--
#2	35749	--	--	--	--	--	--
#3	35751	--	--	--	--	--	--

Standardization Rpt.

08/12/04 11:17:44 AM

Method: EPA3 Standard: STDD
Run Time: 08/12/04 11:12:31

Elem	V 2924
Avge	.70884
SDev	.01753
%RSD	2.4732
#1	.72897
#2	.69693
#3	.70061

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35219	--	--	--	--	--	--
SDev	638.0094	--	--	--	--	--	--
%RSD	1.811539	--	--	--	--	--	--
#1	34495	--	--	--	--	--	--
#2	35699	--	--	--	--	--	--
#3	35463	--	--	--	--	--	--

Standardization Rpt.

08/12/04 11:24:35 AM

Method: EPA3 Standard: STDE
Run Time: 08/12/04 11:17:49

Elem	Al3082	Ca3179	Fe2714	Mg2790	K 7664	Na3302
Avge	3.7910	6.3448	1.5121	3.5415	5.6569	.60421
SDev	.0202	.0358	.0097	.0224	.0166	.00383
%RSD	.53373	.56382	.63879	.63191	.29277	.63459
#1	3.7677	6.3042	1.5011	3.5159	5.6389	.59981
#2	3.8048	6.3719	1.5192	3.5571	5.6715	.60594
#3	3.8004	6.3583	1.5160	3.5515	5.6602	.60687

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35078	--	--	--	--	--	--
SDev	138.3335	--	--	--	--	--	--
%RSD	.3943611	--	--	--	--	--	--
#1	35238	--	--	--	--	--	--
#2	34998	--	--	--	--	--	--
#3	34998	--	--	--	--	--	--

Standardization Rpt.

08/12/04 11:32:41 AM

Method: EPA3 Standard: STDA
Run Time: 08/12/04 11:29:44

Elem	As1890
Avge	-.00252
SDev	.00035
%RSD	14.067
#1	-.00265
#2	-.00278
#3	-.00211

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	34993	--	--	--	--	--	--
SDev	144.9664	--	--	--	--	--	--
%RSD	.4142750	--	--	--	--	--	--
#1	35134	--	--	--	--	--	--
#2	34844	--	--	--	--	--	--
#3	35001	--	--	--	--	--	--

Standardization Rpt.

08/12/04 11:44:41 AM

Method: EPA3 Standard: STDA
Run Time: 08/12/04 11:40:57

Elem	As1890	Tl1908
Avge	-.00127	-.00347
SDev	.00184	.00164
%RSD	144.58	47.321
#1	.00085	-.00355
#2	-.00232	-.00506
#3	-.00235	-.00179

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35408	--	--	--	--	--	--
SDev	300.1251	--	--	--	--	--	--
%RSD	.8476259	--	--	--	--	--	--
#1	35184	--	--	--	--	--	--
#2	35749	--	--	--	--	--	--
#3	35290	--	--	--	--	--	--

Standardization Rpt.

08/12/04 11:52:19 AM

Method: EPA3 Standard: STDC
Run Time: 08/12/04 11:49:22

Elem	Sb2068
Avge	1.5047
SDev	.0015
%RSD	.09768
#1	1.5064
#2	1.5037
#3	1.5040

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35271	--	--	--	--	--	--
SDev	42.86048	--	--	--	--	--	--
%RSD	.1215188	--	--	--	--	--	--
#1	35318	--	--	--	--	--	--
#2	35234	--	--	--	--	--	--
#3	35261	--	--	--	--	--	--

Standardization Rpt.

08/12/04 11:55:30 AM

Method: EPA3 Standard: STDD
Run Time: 08/12/04 11:52:33

Elem	V 2924
Avge	.70416
SDev	.00668
%RSD	.94869
#1	.70808
#2	.69645
#3	.70795

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	35313	--	--	--	--	--	--
SDev	201.8035	--	--	--	--	--	--
%RSD	.5714654	--	--	--	--	--	--
#1	35256	--	--	--	--	--	--
#2	35538	--	--	--	--	--	--
#3	35146	--	--	--	--	--	--

Analysis Report QC Standard 08/12/04 12:03:22 PM

Method: EPA3 Sample Name: HSTD
Run Time: 08/12/04 11:55:49 Operator:
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.0358	4.0051	3.9453	3.9583	3.9773	4.0389	3.9792
SDev	.0106	.0047	.0026	.0061	.0064	.0069	.0052
%RSD	.26261	.11624	.06714	.15328	.16170	.17053	.12966
#1	4.0242	4.0043	3.9436	3.9578	3.9794	4.0319	3.9789
#2	4.0381	4.0009	3.9439	3.9525	3.9701	4.0390	3.9742
#3	4.0450	4.0101	3.9484	3.9646	3.9824	4.0457	3.9845
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	3.9763	.51459	3.9918	3.9596	4.0057	3.9794	3.9977
SDev	.0069	.00150	.0074	.0067	.0136	.0027	.0175
%RSD	.17319	.29182	.18509	.16853	.33879	.06780	.43658
#1	3.9713	.51312	3.9861	3.9582	3.9946	3.9825	4.0098
#2	3.9734	.51454	3.9892	3.9537	4.0017	3.9777	3.9776
#3	3.9842	.51612	4.0002	3.9668	4.0208	3.9780	4.0056
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	4.0044	3.9785	80.896	79.048	81.077	80.502	78.820
SDev	.0161	.0078	.175	.099	.076	.178	.201
%RSD	.40283	.19600	.21663	.12490	.09327	.22085	.25478
#1	4.0176	3.9705	80.734	79.022	81.014	80.439	78.589
#2	3.9864	3.9791	80.871	78.965	81.054	80.364	78.918
#3	4.0091	3.9860	81.082	79.157	81.161	80.703	78.953
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	82.212	3.9995	4.0230	10.130	3.9939	4.0261	3.9831
SDev	.256	.0063	.0060	.011	.0013	.0226	.0178
%RSD	.31150	.15643	.14991	.10372	.03165	.56085	.44567
#1	81.949	3.9937	4.0175	10.124	3.9925	4.0505	3.9891
#2	82.227	3.9986	4.0221	10.125	3.9941	4.0059	3.9631
#3	82.461	4.0061	4.0295	10.142	3.9950	4.0219	3.9970
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

1174

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	4.0404	3.9860
SDev	.0317	.0168
%RSD	.78399	.42231
#1	4.0770	3.9875
#2	4.0216	3.9684
#3	4.0227	4.0020
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	35104	--	--	--	--	--	--
SDev	139.1555	--	--	--	--	--	--
%RSD	.3964063	--	--	--	--	--	--
#1	34971	--	--	--	--	--	--
#2	35249	--	--	--	--	--	--
#3	35093	--	--	--	--	--	--

Analysis Report QC Standard 08/12/04 12:18:26 PM

Method: EPA3 Sample Name: CRIB
Run Time: 08/12/04 12:10:48 Operator:
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43471	.01158	.00918	.10933	.02216	.05490	.03340
SDev	.00911	.00025	.00040	.00270	.00053	.00136	.00068
%RSD	2.0967	2.1432	4.3075	2.4682	2.3924	2.4754	2.0509
#1	.42647	.01138	.00924	.10647	.02156	.05340	.03280
#2	.44450	.01186	.00955	.11183	.02256	.05605	.03415
#3	.43316	.01151	.00876	.10971	.02237	.05526	.03324
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	.08698	.02144	.10750	.04575	.01190	.02352	.00526
SDev	.00260	.00035	.00284	.00063	.00150	.00315	.00106
%RSD	2.9860	1.6350	2.6388	1.3774	12.615	13.381	20.132
#1	.08412	.02103	.10499	.04509	Q.01362	.02129	Q.00412
#2	.08920	.02164	.11058	.04635	.01118	Q.02712	.00621
#3	.08762	.02164	.10694	.04580	.01089	.02215	.00544
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	Q.01430	.01300	.38579	4.9550	.19060	4.9403	4.8516
SDev	.00227	.00181	.00998	.1095	.00242	.1058	.1129
%RSD	15.866	13.930	2.5877	2.2102	1.2698	2.1415	2.3270
#1	.01171	Q.01417	.37605	4.8494	.19134	4.8415	4.7402
#2	Q.01596	Q.01391	.39600	5.0681	.19256	5.0519	4.9660
#3	Q.01523	.01091	.38531	4.9475	.18789	4.9274	4.8486
Errors	QC Fail	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	4.9509	.02232	.10884	.41635	.02287	.00415	.00538
SDev	.1235	.00090	.00233	.01180	.00259	.00327	.00150
%RSD	2.4942	4.0541	2.1456	2.8341	11.308	78.794	27.922
#1	4.8479	.02332	.10628	.40516	.02473	.00331	.00411
#2	5.0878	.02157	.11086	.42868	.01992	.00776	.00501
#3	4.9170	.02207	.10937	.41522	.02396	.00138	.0070[illegible]
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

Value	5.0000	.02000	.10000	.40000	.02000
Range	30.000	30.000	30.000	30.000	30.000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.01588	.01317
SDev	.00323	.00499
%RSD	20.318	37.889
#1	.01938	.00755
#2	.01302	.01708
#3	.01523	.01489
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	35275	--	--	--	--	--	--
SDev	701.2076	--	--	--	--	--	--
%RSD	1.987850	--	--	--	--	--	--
#1	35978	--	--	--	--	--	--
#2	34575	--	--	--	--	--	--
#3	35271	--	--	--	--	--	--

Analysis Report QC Standard 08/12/04 12:26:08 PM

Method: EPA3 Sample Name: ICV
Run Time: 08/12/04 12:18:30 Operator:
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0003	.98797	.98116	.98155	.96789	.98288	.98445
SDev	.0069	.00602	.00692	.00613	.00647	.00729	.00636
%RSD	.69211	.60983	.70528	.62431	.66867	.74164	.64600
#1	.99380	.98217	.97369	.97598	.96137	.97588	.97832
#2	.99944	.98754	.98244	.98056	.96799	.98233	.98402
#3	1.0076	.99420	.98735	.98811	.97432	.99043	.99101
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	.98015	.52099	.96280	.99056	.98824	.97780	.98117
SDev	.00684	.00391	.00722	.00571	.00592	.01262	.00281
%RSD	.69806	.75044	.74960	.57638	.59892	1.2910	.28640
#1	.97278	.51683	.95500	.98536	.98612	.96349	.97873
#2	.98138	.52154	.96417	.98964	.98367	.98255	.98055
#3	.98630	.52460	.96924	.99667	.99493	.98736	.98424
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	.97984	.98454	5.0221	4.9625	4.7826	4.9315	4.8796
SDev	.00224	.00479	.0622	.0298	.0247	.0265	.0397
%RSD	.22839	.48687	1.2388	.60091	.51635	.53814	.81374
#1	.98040	.97990	4.9700	4.9336	4.7542	4.9043	4.8349
#2	.97738	.98424	5.0054	4.9608	4.7943	4.9328	4.8931
#3	.98175	.98947	5.0910	4.9932	4.7993	4.9574	4.9109
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	4.8127	.98823	1.0152	1.0489	.98156	.98598	.97841
SDev	.0613	.00673	.0085	.0066	.00600	.00546	.00151
%RSD	1.2734	.68146	.83474	.62555	.61111	.55350	.15432
#1	4.7619	.98171	1.0064	1.0414	.97569	.98170	.97690
#2	4.8808	.98781	1.0161	Q1.0538	.98132	.98411	.97839
#3	4.7955	.99516	1.0232	Q1.0514	.98768	.99212	.9799
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

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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	.98248	.97819
SDev	.00124	.00397
%RSD	.12662	.40603
#1	.98194	.97929
#2	.98390	.97378
#3	.98159	.98150
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	35416	--	--	--	--	--	--
SDev	41.62269	--	--	--	--	--	--
%RSD	.1175251	--	--	--	--	--	--
#1	35457	--	--	--	--	--	--
#2	35374	--	--	--	--	--	--
#3	35418	--	--	--	--	--	--

Analysis Report QC Standard 08/12/04 12:33:50 PM

Method: EPA3 Sample Name: ICB Operator:
Run Time: 08/12/04 12:26:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00036	.00044	.00022	-.00019	.00009	.00035	.00041
SDev	.00015	.00025	.00007	.00062	.00051	.00034	.00023
%RSD	41.578	57.543	32.762	331.38	599.70	98.384	57.061
#1	.00025	.00029	.00018	-.00044	-.00028	-.00004	.00023
#2	.00054	Q.00073	.00019	.00052	.00067	.00048	.00068
#3	.00030	.00030	.00031	-.00064	-.00014	.00061	.00033
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	-.00029	.00003	.00081	.00014	.00003	.00204	-.00073
SDev	.00109	.00030	.00053	.00059	.00282	.00327	.00207
%RSD	381.77	1166.9	65.546	435.23	9499.1	160.38	283.98
#1	-.00154	-.00027	.00101	-.00013	-.00242	.00572	-.00196
#2	.00025	.00033	.00021	.00081	-.00061	.00090	-.00189
#3	.00044	.00001	.00121	-.00028	.00312	-.00051	.00166
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	.00018	.00253	-.01398	-.02205	.00590	-.00814	-.29375
SDev	.00237	.00041	.00397	.00296	.00179	.00673	.00970
%RSD	1283.9	16.242	28.412	13.448	30.297	82.668	3.3012
#1	.00078	.00207	-.01856	-.02397	.00685	-.01101	-.29493
#2	-.00243	.00269	-.01169	-.01863	.00702	-.00045	-.30281
#3	.00221	.00285	-.01168	-.02354	.00384	-.01295	-.28352
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	-.14113	.00121	.00003	-.00560	.00263	.00056	-.00175
SDev	.04589	.00090	.00110	.00145	.00308	.00299	.00418
%RSD	32.516	74.967	3881.8	25.915	117.02	534.24	238.35
#1	-.08900	.00173	-.00028	-.00635	.00381	.00399	-.00531
#2	-.17543	.00172	.00125	-.00652	.00495	-.00080	-.00281
#3	-.15896	.00016	-.00089	-.00393	-.00086	-.00151	.00285
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	.00012	-.00011
SDev	.00346	.00331
%RSD	2802.1	3021.2
#1	.00405	-.00120
#2	-.00249	-.00274
#3	-.00120	.00360
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	35363	--	--	--	--	--	--
SDev	612.1057	--	--	--	--	--	--
%RSD	1.730898	--	--	--	--	--	--
#1	35582	--	--	--	--	--	--
#2	35836	--	--	--	--	--	--
#3	34672	--	--	--	--	--	--

Analysis Report QC Standard 08/12/04 12:41:32 PM

Method: EPA3 Sample Name: CCV Operator:
Run Time: 08/12/04 12:33:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0245	2.0189	1.9712	1.9776	1.9925	2.0121	1.9956
SDev	.0073	.0045	.0028	.0034	.0031	.0045	.0033
%RSD	.35935	.22133	.14264	.17299	.15512	.22309	.16754
#1	2.0162	2.0138	1.9680	1.9737	1.9893	2.0073	1.9918
#2	2.0290	2.0211	1.9724	1.9797	1.9954	2.0161	1.9979
#3	2.0285	2.0219	1.9733	1.9795	1.9929	2.0130	1.9971
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	1.9839	.25533	1.9883	1.9790	2.0095	1.9876	1.9813
SDev	.0023	.00046	.0055	.0047	.0089	.0029	.0030
%RSD	.11813	.18140	.27901	.23875	.44191	.14545	.15007
#1	1.9812	.25480	1.9834	1.9738	1.9997	1.9845	1.9780
#2	1.9847	.25560	1.9943	1.9800	2.0170	1.9880	1.9821
#3	1.9857	.25560	1.9870	1.9831	2.0118	1.9902	1.9838
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	1.9960	1.9802	39.731	39.014	39.771	39.736	39.947
SDev	.0062	.0037	.109	.072	.084	.077	.128
%RSD	.31259	.18657	.27322	.18520	.21030	.19294	.32103
#1	1.9944	1.9784	39.607	38.933	39.684	39.647	39.820
#2	1.9907	1.9778	39.808	39.072	39.851	39.776	40.076
#3	2.0028	1.9845	39.779	39.036	39.779	39.784	39.944
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	40.253	2.0021	1.9904	5.0819	1.9910	1.9928	1.9752
SDev	.099	.0056	.0047	.0093	.0072	.0061	.0075
%RSD	.24702	.28161	.23772	.18248	.35963	.30451	.37880
#1	40.152	1.9957	1.9849	5.0719	1.9828	1.9997	1.9668
#2	40.351	2.0038	1.9930	5.0836	1.9942	1.9903	1.9777
#3	40.255	2.0066	1.9932	5.0903	1.9959	1.9883	1.981[illegible]
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

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Value	40.000	2.0000	2.0000	5.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	2.0017	1.9928
SDev	.0107	.0115
%RSD	.53278	.57479
#1	2.0140	1.9843
#2	1.9949	1.9882
#3	1.9962	2.0058
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	34979	--	--	--	--	--	--
SDev	160.7365	--	--	--	--	--	--
%RSD	.4595203	--	--	--	--	--	--
#1	34887	--	--	--	--	--	--
#2	35165	--	--	--	--	--	--
#3	34886	--	--	--	--	--	--

Analysis Report QC Standard 08/12/04 12:49:13 PM

Method: EPA3 Sample Name: CCB
Run Time: 08/12/04 12:41:35 Operator:
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00031	.00042	.00010	-.00028	.00027	.00045	.00041
SDev	.00014	.00011	.00008	.00045	.00019	.00046	.00008
%RSD	43.232	26.716	77.965	163.03	70.848	103.31	19.108
#1	.00038	Q.00051	.00014	.00023	.00048	.00028	.00047
#2	.00016	.00044	.00015	-.00063	.00010	.00097	.00045
#3	.00040	.00030	.00001	-.00043	.00023	.00009	.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	.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	.00057	-.00038	.00007	.00048	-.00242	-.00205	-.00081
SDev	.00243	.00016	.00049	.00009	.00293	.00547	.00138
%RSD	425.56	41.958	699.75	18.523	121.38	267.42	169.66
#1	-.00205	-.00022	.00055	.00058	-.00201	.00234	-.00096
#2	.00101	-.00040	.00008	.00040	Q-.00553	-.00030	.00063
#3	.00275	-.00054	-.00043	.00046	.00029	-.00818	-.00211
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	.00141	-.00071	-.00815	-.01921	.01234	-.00290	-.28016
SDev	.00236	.00153	.00135	.00184	.00290	.00187	.05384
%RSD	167.37	214.99	16.520	9.5675	23.476	64.349	19.218
#1	-.00026	.00103	-.00958	-.01711	.01058	-.00077	-.29754
#2	.00038	-.00136	-.00690	-.01998	.01568	-.00369	-.21978
#3	.00411	-.00180	-.00798	-.02054	.01076	-.00425	-.32317
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	-.12382	.00147	-.00038	-.00126	.00064	-.00248	-.00033
SDev	.10554	.00142	.00023	.00458	.00145	.00344	.00312
%RSD	85.235	96.602	60.962	363.96	225.13	138.76	952.45
#1	-.04012	Q.00302	-.00031	-.00088	-.00078	-.00603	.00123
#2	-.08896	.00117	-.00063	.00312	.00211	-.00223	.00171
#3	-.24238	.00023	-.00019	-.00601	.00059	.00083	-.00392
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	-.00173	.00263
SDev	.00495	.00116
%RSD	285.62	44.068
#1	-.00449	.00152
#2	-.00469	.00255
#3	.00398	.00383
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	34582	--	--	--	--	--	--
SDev	937.1987	--	--	--	--	--	--
%RSD	2.710066	--	--	--	--	--	--
#1	34973	--	--	--	--	--	--
#2	33513	--	--	--	--	--	--
#3	35261	--	--	--	--	--	--

Analysis Report QC Standard 08/12/04 01:11:35 PM

Method: EPA3 Sample Name: ICSA
Run Time: 08/12/04 13:03:58 Operator:
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00391	.00033	-.00179	.00091	-.00058	.00116	-.00072
SDev	.00017	.00003	.00054	.00069	.00047	.00009	.00010
%RSD	4.3684	7.9613	29.861	75.380	81.138	7.8204	13.853
#1	.00393	.00031	-.00183	.00047	-.00112	.00115	-.00076
#2	.00373	.00036	-.00230	.00171	-.00027	.00126	-.00061
#3	.00407	.00034	-.00124	.00056	-.00035	.00108	-.00080
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	.00173	.00014	.00174	.00024	.00194	.00559	.00071
SDev	.00231	.00013	.00082	.00049	.00289	.00718	.00137
%RSD	133.69	91.213	47.100	204.78	148.72	128.41	194.83
#1	.00392	.00024	.00213	-.00031	.00170	.00982	.00182
#2	-.00069	-.00000	.00230	.00062	-.00082	.00967	.00112
#3	.00197	.00019	.00080	.00041	.00494	-.00270	-.00083
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	-.00035	.00219	503.60	494.53	184.89	495.59	-.19596
SDev	.00217	.00241	2.34	1.82	.75	2.01	.00616
%RSD	613.13	110.28	.46452	.36896	.40295	.40616	3.1426
#1	-.00280	.00149	506.28	496.48	185.66	497.85	-.18993
#2	.00137	.00020	501.99	492.86	184.84	494.95	-.19570
#3	.00037	.00488	502.52	494.26	184.17	493.98	-.20224
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	-.07613	.00075	-.00087	.03144	.00274	-.00095	.00102
SDev	.07353	.00112	.00119	.00153	.00184	.00232	.00088
%RSD	96.586	149.87	136.41	4.8839	67.286	243.36	86.410
#1	-.10758	.00204	-.00050	.03259	.00414	.00103	.00169
#2	.00790	.00004	.00008	.02969	.00341	-.00038	.00134
#3	-.12871	.00016	-.00221	.03203	.00065	-.00350	.00004
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	-.00456	.00139
SDev	.00121	.00326
%RSD	26.609	233.88
#1	-.00438	-.00236
#2	-.00344	.00341
#3	-.00585	.00312
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	33877	--	--	--	--	--	--
SDev	82.81792	--	--	--	--	--	--
%RSD	.2444680	--	--	--	--	--	--
#1	33784	--	--	--	--	--	--
#2	33943	--	--	--	--	--	--
#3	33903	--	--	--	--	--	--

Analysis Report QC Standard 08/12/04 01:19:17 PM

Method: EPA3 Sample Name: ICSAB
Run Time: 08/12/04 13:11:39 Operator:
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49933	.45738	.93422	.47815	.46483	.49544	.47273
SDev	.00434	.00449	.00914	.00453	.00328	.00492	.00507
%RSD	.86824	.98192	.97864	.94789	.70604	.99363	1.0732
#1	.49436	.45258	.92473	.47299	.46132	.48998	.46716
#2	.50131	.45806	.93496	.47996	.46536	.49681	.47396
#3	.50232	.46149	.94298	.48149	.46782	.49954	.47708
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	.95520	1.0004	.48218	.92636	1.0185	.93985	.97267
SDev	.01097	.0092	.00421	.00910	.0105	.01485	.01201
%RSD	1.1485	.92362	.87337	.98270	1.0279	1.5799	1.2347
#1	.94294	.99028	.47774	.91620	1.0065	.92361	.96005
#2	.95855	1.0026	.48269	.92910	1.0240	.94323	.97399
#3	.96410	1.0084	.48611	.93378	1.0251	.95272	.98396
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	.99819	.98749	506.67	511.17	192.54	490.33	-.21844
SDev	.01308	.00743	5.59	6.22	1.95	4.88	.02056
%RSD	1.3108	.75249	1.1030	1.2166	1.0129	.99627	9.4101
#1	.98402	.97898	500.47	504.48	190.44	484.97	-.23758
#2	1.0007	.99270	508.20	512.26	192.89	491.47	-.22103
#3	1.0098	.99078	511.33	516.77	194.29	494.54	-.19672
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	-.12436	.48367	.52619	.09955	.00431	.98502	.96612
SDev	.20343	.00372	.00490	.00495	.00390	.01425	.01095
%RSD	163.58	.76868	.93051	4.9767	90.628	1.4461	1.1331
#1	-.05062	.47954	.52077	.09567	.00840	.96936	.95506
#2	-.35438	.48673	.52751	.09784	.00062	.98849	.96635
#3	.03191	.48475	.53029	.10513	.00391	.99721	.97695
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	1.0036	.99515
SDev	.0151	.01269
%RSD	1.5050	1.2757
#1	.99000	.98069
#2	1.0010	1.0002
#3	1.0199	1.0045
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	34584	--	--	--	--	--	--
SDev	347.7549	--	--	--	--	--	--
%RSD	1.005537	--	--	--	--	--	--
#1	34926	--	--	--	--	--	--
#2	34596	--	--	--	--	--	--
#3	34230	--	--	--	--	--	--

Analysis Report QC Standard 08/12/04 01:26:58 PM

Method: EPA3 Sample Name: CCV
Run Time: 08/12/04 13:19:20 Operator:
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0026	2.0048	1.9633	1.9617	1.9799	1.9836	1.9829
SDev	.0182	.0138	.0123	.0122	.0118	.0186	.0126
%RSD	.90936	.68968	.62580	.62178	.59775	.93920	.63610
#1	2.0097	2.0200	1.9775	1.9757	1.9924	1.9882	1.9958
#2	1.9819	1.9930	1.9572	1.9535	1.9689	1.9631	1.9706
#3	2.0161	2.0013	1.9553	1.9558	1.9783	1.9995	1.9823
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	1.9746	.25237	1.9755	1.9777	1.9936	1.9806	1.9781
SDev	.0151	.00030	.0140	.0168	.0143	.0112	.0060
%RSD	.76339	.11758	.71107	.85042	.71588	.56694	.30110
#1	1.9905	.25217	1.9885	1.9958	2.0093	1.9855	1.9846
#2	1.9606	.25222	1.9606	1.9747	1.9901	1.9677	1.9768
#3	1.9725	.25271	1.9774	1.9626	1.9814	1.9885	1.9729
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	1.9899	1.9569	39.196	38.811	39.599	39.637	39.210
SDev	.0102	.0046	.293	.228	.229	.166	.442
%RSD	.51238	.23446	.74850	.58779	.57953	.41855	1.1263
#1	1.9888	1.9622	39.270	39.072	39.848	39.807	39.233
#2	2.0006	1.9541	38.873	38.711	39.395	39.475	38.757
#3	1.9803	1.9544	39.445	38.650	39.555	39.630	39.639
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	39.816	1.9885	1.9662	5.0308	1.9832	1.9975	1.9680
SDev	.165	.0114	.0124	.0300	.0140	.0177	.0108
%RSD	.41355	.57381	.63304	.59603	.70796	.88398	.54884
#1	39.638	1.9992	1.9691	5.0534	1.9989	1.9961	1.9784
#2	39.848	1.9765	1.9525	4.9968	1.9719	2.0158	1.9568
#3	39.963	1.9898	1.9769	5.0421	1.9787	1.9806	1.9687
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	2.0124	1.9783
SDev	.0360	.0076
%RSD	1.7894	.38658
#1	1.9915	1.9871
#2	2.0540	1.9736
#3	1.9918	1.9742
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	35549	--	--	--	--	--	--
SDev	419.6915	--	--	--	--	--	--
%RSD	1.180616	--	--	--	--	--	--
#1	35572	--	--	--	--	--	--
#2	35956	--	--	--	--	--	--
#3	35118	--	--	--	--	--	--

Analysis Report QC Standard 08/12/04 01:34:40 PM

Method: EPA3 Sample Name: CCB
Run Time: 08/12/04 13:27:02 Operator:
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00058	Q.00063	.00052	-.00031	.00009	-.00034	.00066
SDev	.00004	.00008	.00009	.00005	.00065	.00025	.00012
%RSD	6.4483	12.757	16.764	14.644	715.13	74.589	18.421
#1	.00054	Q.00060	.00043	-.00026	-.00017	-.00063	.00055
#2	.00061	Q.00072	.00054	-.00035	.00083	-.00021	.00080
#3	.00060	Q.00057	.00060	-.00033	-.00039	-.00018	.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	.00018	-.00052	-.00019	.00056	.00194	.00832	-.00193
SDev	.00081	.00075	.00100	.00036	.00125	.00299	.00238
%RSD	453.46	144.67	514.85	63.851	64.738	35.959	122.81
#1	.00011	-.00124	-.00134	.00091	.00085	Q.01094	-.00246
#2	-.00060	.00025	.00052	.00058	.00166	.00506	Q-.00400
#3	.00103	-.00056	.00023	.00019	.00331	.00895	.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	.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	.00034	.00009	Q.04033	.03432	.03826	.05104	-.37832
SDev	.00121	.00223	.02312	.02245	.01032	.03064	.05358
%RSD	353.32	2415.7	57.321	65.411	26.966	60.038	14.162
#1	.00114	.00264	.01669	.01324	.02641	.02016	-.43322
#2	-.00105	-.00086	Q.06289	.05792	.04318	.08144	-.37556
#3	.00093	-.00151	Q.04141	.03179	.04520	.05153	-.32618
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	-.05998	.00151	-.00064	-.00582	.00178	-.01025	.00185
SDev	.05935	.00134	.00153	.00259	.00315	.00625	.00342
%RSD	98.943	88.547	238.28	44.551	176.92	60.969	184.91
#1	-.11102	.00264	-.00238	-.00645	.00474	-.01713	.00451
#2	-.07407	.00186	-.00002	-.00804	-.00153	-.00872	-.00201
#3	.00514	.00003	.00048	-.00297	.00213	-.00491	.00306
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	-.00152	.00094
SDev	.00661	.00405
%RSD	433.66	429.20
#1	-.00847	.00562
#2	-.00078	-.00151
#3	.00468	-.00128
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	36332	--	--	--	--	--	--
SDev	932.5497	--	--	--	--	--	--
%RSD	2.566763	--	--	--	--	--	--
#1	37226	--	--	--	--	--	--
#2	36405	--	--	--	--	--	--
#3	35365	--	--	--	--	--	--

Analysis Report QC Standard 08/12/04 01:42:40 PM

Method: EPA3 Sample Name: CCV
Run Time: 08/12/04 13:35:02 Operator:
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0208	2.0035	1.9560	1.9590	1.9807	1.9967	1.9846
SDev	.0099	.0087	.0077	.0089	.0084	.0086	.0085
%RSD	.48942	.43300	.39485	.45486	.42466	.42855	.42772
#1	2.0186	2.0082	1.9612	1.9634	1.9842	1.9995	1.9878
#2	2.0315	2.0089	1.9596	1.9648	1.9868	2.0035	1.9910
#3	2.0121	1.9935	1.9471	1.9487	1.9711	1.9871	1.9750
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	1.9716	.25327	1.9887	1.9696	1.9911	1.9821	1.9675
SDev	.0091	.00091	.0103	.0066	.0052	.0044	.0103
%RSD	.46012	.35820	.51619	.33297	.26188	.22247	.52429
#1	1.9731	.25347	1.9875	1.9727	1.9971	1.9849	1.9793
#2	1.9798	.25406	1.9995	1.9740	1.9888	1.9844	1.9628
#3	1.9618	.25228	1.9791	1.9621	1.9875	1.9770	1.9603
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	1.9888	1.9551	39.365	38.676	39.685	39.573	39.553
SDev	.0147	.0064	.141	.139	.148	.124	.176
%RSD	.73922	.32539	.35905	.36062	.37207	.31394	.44373
#1	2.0018	1.9590	39.381	38.723	39.756	39.619	39.459
#2	1.9917	1.9586	39.498	38.786	39.784	39.669	39.755
#3	1.9728	1.9478	39.217	38.519	39.515	39.433	39.443
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	39.971	1.9930	1.9734	5.0540	1.9836	1.9798	1.9610
SDev	.152	.0085	.0084	.0163	.0082	.0123	.0154
%RSD	.38103	.42623	.42498	.32179	.41316	.62092	.78618
#1	39.837	1.9944	1.9735	5.0576	1.9852	1.9810	1.9781
#2	40.137	2.0007	1.9817	5.0681	1.9909	1.9914	1.9482
#3	39.940	1.9839	1.9649	5.0362	1.9748	1.9669	1.9566
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	1.9954	1.9851
SDev	.0153	.0167
%RSD	.76862	.83909
#1	1.9992	2.0028
#2	2.0084	1.9829
#3	1.9785	1.9697
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	35319	--	--	--	--	--	--
SDev	197.9348	--	--	--	--	--	--
%RSD	.5604254	--	--	--	--	--	--
#1	35142	--	--	--	--	--	--
#2	35281	--	--	--	--	--	--
#3	35533	--	--	--	--	--	--

Analysis Report QC Standard 08/12/04 01:50:22 PM

Method: EPA3 Sample Name: CCB
Run Time: 08/12/04 13:42:43 Operator:
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00013	.00048	.00039	.00014	.00001	.00031	.00051
SDev	.00003	.00010	.00008	.00043	.00018	.00008	.00007
%RSD	21.096	20.657	21.319	306.23	1257.4	24.252	13.203
#1	-.00010	Q.00058	.00047	.00004	.00020	.00040	.00058
#2	-.00014	.00048	.00039	.00062	.00002	.00028	.00045
#3	-.00014	.00038	.00030	-.00023	-.00017	.00026	.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	-.00006	-.00049	.00097	.00053	.00461	.00779	-.00245
SDev	.00082	.00015	.00121	.00016	.00401	.00506	.00164
%RSD	1352.0	30.434	124.48	29.976	86.937	64.921	66.959
#1	.00087	-.00035	.00074	.00044	Q.00750	Q.01316	-.00223
#2	-.00069	-.00047	-.00011	.00044	Q.00629	.00711	-.00093
#3	-.00037	-.00065	.00227	.00071	.00004	.00311	Q-.00419
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	-.00101	-.00287	-.00219	-.01652	.01911	-.00313	-.25868
SDev	.00198	.00261	.00760	.00229	.00936	.00176	.05502
%RSD	196.45	90.834	347.22	13.830	48.946	56.109	21.270
#1	-.00249	-.00328	.00652	-.01511	.02801	-.00185	-.19517
#2	.00124	-.00008	-.00750	-.01530	.01996	-.00514	-.28885
#3	-.00177	Q-.00525	-.00560	-.01916	.00936	-.00241	-.29201
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	-.27197	.00130	-.00070	-.00106	-.00180	-.00437	-.00187
SDev	.19063	.00221	.00029	.00360	.00647	.00427	.00078
%RSD	70.093	170.75	42.137	341.07	359.13	97.532	41.850
#1	-.48295	Q.00312	-.00103	.00308	.00566	-.00235	-.00256
#2	-.11210	.00194	-.00058	-.00348	-.00523	-.00149	-.00102
#3	-.22087	-.00117	-.00049	-.00277	-.00585	-.00928	-.00202
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	-.00487	.00058
SDev	.00343	.00433
%RSD	70.552	742.17
#1	-.00091	-.00363
#2	-.00700	.00502
#3	-.00670	.00036
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	35348	--	--	--	--	--	--
SDev	963.7706	--	--	--	--	--	--
%RSD	2.726542	--	--	--	--	--	--
#1	34246	--	--	--	--	--	--
#2	36037	--	--	--	--	--	--
#3	35760	--	--	--	--	--	--

Analysis Report 08/12/04 01:58:04 PM

Method: EPA3 Sample Name: MP26742-MB1 Operator:
Run Time: 08/12/04 13:50:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00016	.00024	.00027	-.00073	.00057	-.00075	.00036
SDev	.00012	.00007	.00015	.00027	.00032	.00009	.00007
%RSD	74.348	29.677	55.221	36.805	56.443	11.995	20.572
#1	.00030	.00032	.00018	-.00044	.00025	-.00073	.00045
#2	.00010	.00022	.00019	-.00098	.00090	-.00085	.00032
#3	.00008	.00018	.00044	-.00076	.00057	-.00068	.00032
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	.00092	-.00073	.00032	.00121	.00130	-.00242	-.00113
SDev	.00021	.00010	.00048	.00030	.00064	.00778	.00055
%RSD	22.325	14.010	148.75	25.215	48.944	321.49	49.000
#1	.00116	-.00083	.00085	.00107	.00082	.00410	-.00118
#2	.00077	-.00073	-.00010	.00099	.00106	L-.01102	-.00166
#3	.00084	-.00063	.00022	.00155	.00202	-.00033	-.00055
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	.00409	.00302	.02033	.02425	.02647	.02543	-.31983
SDev	.00106	.00496	.00593	.00402	.00525	.00632	.01979
%RSD	25.973	164.04	29.152	16.561	19.843	24.859	6.1888
#1	.00408	.00306	.02709	.02876	.02639	.03240	-.33862
#2	H.00515	-.00195	.01792	.02106	.02126	.02007	-.29916
#3	.00302	H.00796	.01599	.02293	.03176	.02380	-.32170
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	.37106	.00088	-.00046	.00969	-.00206	-.00205	-.00104
SDev	.04820	.00101	.00069	.00143	.00086	.00091	.00051
%RSD	12.991	115.06	149.84	14.761	41.857	44.640	48.673
#1	.42483	.00033	-.00124	.00837	-.00204	-.00272	-.00079
#2	.33170	.00205	-.00019	.01121	-.00292	-.00241	-.00162
#3	.35666	.00026	.00005	.00950	-.00120	-.00101	-.00074
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	-.00154	.00657
SDev	.00217	.00164
%RSD	141.38	24.970
#1	.00084	.00537
#2	-.00204	.00844
#3	-.00341	.00591
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	35565	--	--	--	--	--	--
SDev	301.3965	--	--	--	--	--	--
%RSD	.8474448	--	--	--	--	--	--
#1	35834	--	--	--	--	--	--
#2	35239	--	--	--	--	--	--
#3	35623	--	--	--	--	--	--

Analysis Report 08/12/04 02:05:47 PM

Method: EPA3 Sample Name: MP26742-LC1 Operator:
Run Time: 08/12/04 13:58:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51237	.50323	.50007	.50144	.50133	.51513	.50893
SDev	.00084	.00131	.00180	.00134	.00051	.00176	.00069
%RSD	.16364	.25999	.36079	.26753	.10239	.34069	.13552
#1	.51178	.50222	.49841	.50044	.50088	.51419	.50887
#2	.51200	.50277	.49982	.50093	.50121	.51405	.50827
#3	.51333	.50471	.50199	.50297	.50189	.51716	.50965
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	.50484	.19882	.50587	.50931	.50392	.50081	.49468
SDev	.00263	.00044	.00214	.00272	.00719	.00095	.00575
%RSD	.52002	.22000	.42202	.53325	1.4266	.19058	1.1617
#1	.50196	.19925	.50529	.50765	.50006	.50148	.49809
#2	.50548	.19882	.50408	.50783	.49949	.49972	.49790
#3	.50709	.19837	.50823	.51244	.51222	.50123	.48804
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	.47171	.50324	4.7836	5.2901	5.2791	5.3944	4.7029
SDev	.00541	.00189	.0117	.0077	.0190	.0117	.0441
%RSD	1.1464	.37563	.24552	.14537	.36038	.21630	.93760
#1	.47426	.50219	4.7703	5.2853	5.2759	5.3915	4.7156
#2	.47538	.50212	4.7885	5.2860	5.2618	5.3844	4.7392
#3	.46550	.50543	4.7922	5.2990	5.2995	5.4072	4.6538
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	5.4802	.51628	L-.00174	H.14707	L-.00170	.49719	.49296
SDev	.0619	.00244	.00039	.00235	.00126	.01017	.00360
%RSD	1.1289	.47218	22.512	1.5958	74.171	2.0461	.73014
#1	5.4609	.51500	L-.00131	H.14478	L-.00220	.50472	.49427
#2	5.5495	.51476	L-.00208	H.14695	L-.00263	.50123	.49573
#3	5.4303	.51909	L-.00183	H.14947	L-.00026	.48562	.48889
Errors	LC Pass	LC Pass	LC Low	LC High	LC Low	NOCHECK	NOCHECK

1200

High	6.0000	.60000	.00000	.00000	.00000
Low	4.0000	.40000	.00000	.00000	.00000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.46569	.47438
SDev	.01180	.00220
%RSD	2.5343	.46432
#1	.47121	.47544
#2	.47372	.47586
#3	.45214	.47185
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	35474	--	--	--	--	--	--
SDev	854.5605	--	--	--	--	--	--
%RSD	2.408968	--	--	--	--	--	--
#1	34945	--	--	--	--	--	--
#2	35018	--	--	--	--	--	--
#3	36460	--	--	--	--	--	--

Analysis Report

08/12/04 02:13:29 PM

Method: EPA3 Sample Name: MP26742-S1 Operator:
Run Time: 08/12/04 14:05:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.8618	.04473	.04416	.46224	.18479	.25240	3.0522
SDev	.0317	.00060	.00043	.00431	.00154	.00255	.0490
%RSD	1.7036	1.3434	.98087	.93147	.83447	1.0104	1.6065
#1	1.8283	.04412	.04366	.45818	.18412	.24988	2.9998
#2	1.8658	.04475	.04446	.46178	.18370	.25235	3.0599
#3	1.8913	.04533	.04436	.46676	.18655	.25498	3.0970
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	.45428	.04535	.45387	.47751	1.7651	1.7602	.43431
SDev	.00262	.00085	.00307	.00389	.0205	.0297	.01535
%RSD	.57753	1.8646	.67656	.81427	1.1621	1.6862	3.5342
#1	.45285	.04632	.45345	.47438	1.7481	1.7345	.41697
#2	.45268	.04499	.45102	.47630	1.7593	1.7533	.43982
#3	.45731	.04475	.45712	.48187	1.7879	1.7927	.44615
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	1.6557	.44025	3.2528	34.114	54.012	31.791	36.926
SDev	.0582	.00603	.0511	.501	.758	.447	.582
%RSD	3.5150	1.3690	1.5704	1.4676	1.4026	1.4053	1.5762
#1	1.5907	.44683	3.2002	33.588	53.284	31.354	36.294
#2	1.6736	.43893	3.2562	34.168	53.956	31.772	37.044
#3	1.7029	.43499	3.3022	34.585	54.796	32.247	37.440
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	51.004	.00450	.00145	10.163	.00493	.44077	.43065
SDev	.353	.00337	.00608	.162	.00975	.01408	.01611
%RSD	.69128	74.829	418.89	1.5977	197.58	3.1938	3.7418
#1	50.724	.00838	.00847	9.9909	.01605	.42457	.41269
#2	50.888	.00272	-.00198	10.185	-.00219	.44766	.43541
#3	51.400	.00239	-.00214	10.313	.00094	.45007	.44381
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

1202

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	1.6796	1.6435
SDev	.0569	.0589
%RSD	3.3874	3.5818
#1	1.6155	1.5780
#2	1.6993	1.6604
#3	1.7240	1.6920
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	36424	--	--	--	--	--	--
SDev	1165.909	--	--	--	--	--	--
%RSD	3.200960	--	--	--	--	--	--
#1	37740	--	--	--	--	--	--
#2	36010	--	--	--	--	--	--
#3	35521	--	--	--	--	--	--

Analysis Report

08/12/04 02:21:11 PM

Method: EPA3 Sample Name: MP26742-S2 Operator:
Run Time: 08/12/04 14:13:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.8142	.04414	.04356	.45361	.18116	.24979	2.9529
SDev	.0109	.00029	.00078	.00284	.00054	.00130	.0194
%RSD	.60258	.65357	1.7991	.62646	.29932	.52009	.65838
#1	1.8016	.04382	.04274	.45036	.18055	.24829	2.9305
#2	1.8209	.04426	.04365	.45560	.18133	.25044	2.9628
#3	1.8201	.04436	.04430	.45488	.18160	.25063	2.9654
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	.44618	.04346	.44397	.47658	1.7375	1.7292	.43412
SDev	.00699	.00068	.00314	.00352	.0216	.0221	.00355
%RSD	1.5658	1.5718	.70728	.73933	1.2410	1.2763	.81700
#1	.43869	.04317	.44070	.47252	1.7133	1.7080	.43064
#2	.45251	.04296	.44424	.47840	1.7445	1.7277	.43773
#3	.44734	.04423	.44697	.47882	1.7546	1.7520	.43399
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	1.6483	.42726	3.1037	33.872	51.824	31.256	35.796
SDev	.0088	.00322	.0209	.235	.384	.227	.253
%RSD	.53309	.75395	.67191	.69445	.74099	.72471	.70642
#1	1.6390	.42647	3.0797	33.601	51.388	30.999	35.506
#2	1.6565	.42450	3.1142	33.992	51.976	31.344	35.918
#3	1.6495	.43080	3.1172	34.023	52.109	31.426	35.966
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	48.786	.00254	-.00334	9.6365	-.00087	.43913	.43118
SDev	.495	.00070	.00128	.0620	.00182	.00577	.00280
%RSD	1.0156	27.408	38.410	.64306	208.87	1.3132	.64925
#1	48.241	.00333	-.00481	9.5669	-.00152	.43515	.42801
#2	48.907	.00228	-.00245	9.6570	-.00228	.44574	.43330
#3	49.210	.00202	-.00276	9.6857	.00119	.43650	.43223
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	1.6668	1.6388
SDev	.0060	.0102
%RSD	.36279	.61972
#1	1.6603	1.6281
#2	1.6723	1.6483
#3	1.6679	1.6400
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	35760	--	--	--	--	--	--
SDev	79.61799	--	--	--	--	--	--
%RSD	.2226470	--	--	--	--	--	--
#1	35838	--	--	--	--	--	--
#2	35679	--	--	--	--	--	--
#3	35762	--	--	--	--	--	--

Analysis Report 08/12/04 02:28:52 PM

Method: EPA3 Sample Name: N73626-2 Operator:
Run Time: 08/12/04 14:21:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06906	.00012	-.00029	.02015	.00866	.01786	2.5292
SDev	.00085	.00001	.00015	.00029	.00031	.00069	.0448
%RSD	1.2363	6.2617	52.732	1.4499	3.5429	3.8847	1.7706
#1	.06807	.00011	-.00047	.01984	.00831	.01711	2.4776
#2	.06961	.00011	-.00021	.02042	.00888	.01799	2.5537
#3	.06948	.00012	-.00020	.02018	.00879	.01848	2.5565
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	.00795	-.00023	.00930	.02969	.01479	-.00005	.00121
SDev	.00132	.00038	.00037	.00043	.00013	.00242	.00119
%RSD	16.593	165.16	4.0123	1.4349	.90185	4571.9	98.730
#1	.00649	-.00033	.00901	.02922	.01469	.00251	.00099
#2	.00830	-.00055	.00917	.03004	.01473	-.00231	.00249
#3	.00906	.00019	.00972	.02983	.01494	-.00035	.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	-.00016	-.00070	1.5588	11.326	51.770	9.2446	13.411
SDev	.00054	.00171	.0295	.210	.950	.1645	.206
%RSD	325.56	244.75	1.8950	1.8580	1.8351	1.7794	1.5387
#1	.00028	-.00235	1.5248	11.083	50.676	9.0547	13.174
#2	-.00002	-.00080	1.5738	11.434	52.246	9.3411	13.513
#3	-.00076	.00106	1.5778	11.460	52.387	9.3380	13.547
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	26.168	.00157	-.00229	10.157	.00085	.00365	-.00035
SDev	.407	.00095	.00076	.166	.00098	.00242	.00260
%RSD	1.5562	60.533	33.326	1.6333	114.94	66.453	748.49
#1	25.698	.00206	-.00301	9.9657	.00154	.00143	.00045
#2	26.408	.00218	-.00237	10.255	-.00027	.00328	.00176
#3	26.398	.00048	-.00149	10.251	.00127	.00624	-.00325
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	-.00647	.00267
SDev	.00433	.00214
%RSD	66.864	80.305
#1	-.00917	.00468
#2	-.00148	.00042
#3	-.00876	.00291
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	35758	--	--	--	--	--	--
SDev	551.3335	--	--	--	--	--	--
%RSD	1.541864	--	--	--	--	--	--
#1	36394	--	--	--	--	--	--
#2	35415	--	--	--	--	--	--
#3	35464	--	--	--	--	--	--

Analysis Report

08/12/04 02:36:34 PM

Method: EPA3 Sample Name: MP26742-SD1 Operator:
Run Time: 08/12/04 14:28:56
Comment:
Mode: CONC Corr. Factor: 5

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07072	.00002	-.00015	.01626	.00861	.01420	2.5040
SDev	.00097	.00009	.00036	.00093	.00040	.00031	.0241
%RSD	1.3725	474.25	246.01	5.7191	4.6536	2.1555	.96128
#1	.07176	.00002	-.00054	.01552	.00866	.01390	2.5263
#2	.06984	-.00007	.00015	.01730	.00899	.01451	2.4785
#3	.07055	.00011	-.00004	.01594	.00819	.01421	2.5073
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	.00662	-.00332	.00842	.03151	.02215	.00662	.00143
SDev	.00453	.00182	.00096	.00108	.01780	.02397	.01115
%RSD	68.435	54.836	11.349	3.4410	80.345	362.32	780.85
#1	.00463	-.00270	.00798	.03203	.00944	L-.02077	.00172
#2	.00342	-.00189	.00777	.03224	.04250	.01685	.01243
#3	.01180	-.00537	.00952	.03027	.01453	.02378	L-.00987
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	.01592	-.00072	1.4963	11.132	49.740	9.2702	12.196
SDev	.00435	.00481	.0484	.096	.481	.0633	.130
%RSD	27.348	672.50	3.2324	.86124	.96761	.68272	1.0661
#1	.01440	.00045	1.5479	11.219	50.134	9.3204	12.325
#2	.01253	.00341	1.4520	11.029	49.204	9.1991	12.065
#3	.02082	L-.00600	1.4890	11.148	49.884	9.2910	12.197
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	25.764	.00286	-.00730	10.254	.00237	-.00705	.00378
SDev	.791	.00389	.00524	.103	.01201	.01595	.01536
%RSD	3.0702	136.19	71.751	1.0084	506.66	226.41	406.30
#1	24.976	-.00142	-.00795	10.355	L-.01026	.00996	-.00430
#2	26.558	.00619	-.00177	10.149	.01366	-.00943	.02149
#3	25.758	.00380	-.01219	10.258	.00372	-.02167	-.00585
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

1208

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	.00459	.01990
SDev	.00431	.00531
%RSD	93.912	26.668
#1	.00007	.01987
#2	.00504	.01461
#3	.00867	.02522
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	35817	--	--	--	--	--	--
SDev	303.6742	--	--	--	--	--	--
%RSD	.8478478	--	--	--	--	--	--
#1	35551	--	--	--	--	--	--
#2	36148	--	--	--	--	--	--
#3	35752	--	--	--	--	--	--

Analysis Report 08/12/04 02:44:15 PM

Method: EPA3 Sample Name: N73597-1 Operator:
Run Time: 08/12/04 14:36:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00155	.00000	.00005	.00046	.00103	.00355	.10222
SDev	.00008	.00001	.00021	.00090	.00022	.00057	.00251
%RSD	5.2826	200.21	419.47	198.12	21.385	15.937	2.4553
#1	.00164	-.00000	-.00012	-.00055	.00078	.00313	.10032
#2	.00155	-.00000	.00028	.00072	.00111	.00419	.10507
#3	.00147	.00002	-.00001	.00120	.00119	.00332	.10128
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	.00623	-.00109	-.00012	.00605	-.00086	-.00140	.00040
SDev	.00072	.00054	.00069	.00016	.00664	.00492	.00151
%RSD	11.530	49.525	597.92	2.6741	771.68	350.75	374.20
#1	.00555	-.00162	-.00091	.00616	.00621	-.00342	-.00133
#2	.00617	-.00110	.00038	.00587	L-.00697	.00421	.00145
#3	.00698	-.00054	.00018	.00613	-.00182	-.00499	.00109
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	.00742	-.00238	1.6228	.79067	2.4190	20.471
SDev	.00183	.00507	.00614	.0402	.02514	.0531	.295
%RSD	1904.0	68.333	258.65	2.4798	3.1792	2.1954	1.4392
#1	.00159	.00239	-.00789	1.5889	.77497	2.3733	20.242
#2	.00016	.01254	.00425	1.6673	.81967	2.4773	20.804
#3	-.00204	.00734	-.00349	1.6124	.77738	2.4065	20.367
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	285.50	.00172	-.00195	4.3414	.00034	.00051	.00001
SDev	3.89	.00085	.00207	.0961	.00355	.00050	.00250
%RSD	1.3619	49.588	106.47	2.2136	1054.9	98.047	24894.
#1	282.51	.00075	-.00433	4.2623	.00440	.00109	-.00286
#2	289.89	.00234	-.00057	4.4484	-.00218	.00029	.00168
#3	284.08	.00207	-.00094	4.3137	-.00120	.00016	.00121
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

1210

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	-.00426	.00169
SDev	.00634	.00046
%RSD	148.84	27.457
#1	.00130	.00145
#2	-.00292	.00139
#3	-.01116	.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	35546	--	--	--	--	--	--
SDev	1198.516	--	--	--	--	--	--
%RSD	3.371769	--	--	--	--	--	--
#1	36754	--	--	--	--	--	--
#2	34357	--	--	--	--	--	--
#3	35526	--	--	--	--	--	--

Analysis Report 08/12/04 02:51:56 PM

Method: EPA3 Sample Name: N74626-1 Operator:
Run Time: 08/12/04 14:44:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05113	.00037	-.00118	.02054	.01602	.02254	1.5583
SDev	.00044	.00001	.00020	.00027	.00073	.00018	.0090
%RSD	.86960	2.1731	17.001	1.3065	4.5294	.80306	.57583
#1	.05063	.00037	-.00104	.02045	.01520	.02256	1.5490
#2	.05129	.00036	-.00141	.02032	.01630	.02235	1.5591
#3	.05147	.00037	-.00108	.02084	.01656	.02271	1.5669
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	.00771	-.00026	.01686	.02983	.03063	-.00462	.00381
SDev	.00224	.00027	.00036	.00016	.00430	.00423	.00115
%RSD	29.002	103.25	2.1249	.54457	14.028	91.715	30.284
#1	.00522	-.00049	.01725	.02987	.03383	-.00493	.00314
#2	.00954	-.00032	.01654	.02965	.03232	-.00868	.00514
#3	.00838	.00004	.01680	.02997	.02574	-.00023	.00315
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	.00199	-.00049	2.4977	13.114	99.757	10.243	3.7090
SDev	.00254	.00232	.0145	.077	.526	.052	.0364
%RSD	127.13	477.90	.58007	.58912	.52758	.51128	.98145
#1	-.00092	.00022	2.4829	13.030	99.204	10.186	3.6680
#2	.00371	-.00308	2.4983	13.128	99.815	10.254	3.7212
#3	.00319	.00140	2.5118	13.183	100.25	10.289	3.7377
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	33.623	.00204	-.00222	11.631	.00232	.00666	.00188
SDev	.255	.00099	.00073	.072	.00172	.00306	.00195
%RSD	.75854	48.217	32.864	.61748	74.037	45.972	103.86
#1	33.333	.00266	-.00185	11.552	.00060	.00905	-.00033
#2	33.726	.00091	-.00306	11.651	.00404	.00771	.00335
#3	33.811	.00257	-.00175	11.691	.00233	.00321	.00261
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

1212

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	-.00690	.00610
SDev	.00442	.00172
%RSD	64.028	28.152
#1	-.01197	.00427
#2	-.00490	.00767
#3	-.00384	.00637
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	35100	--	--	--	--	--	--
SDev	60.97596	--	--	--	--	--	--
%RSD	.1737194	--	--	--	--	--	--
#1	35106	--	--	--	--	--	--
#2	35158	--	--	--	--	--	--
#3	35037	--	--	--	--	--	--

Analysis Report 08/12/04 02:59:36 PM

Method: EPA3 Sample Name: N73626-3 Operator:
Run Time: 08/12/04 14:51:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07218	.00006	.00004	.00432	.00504	.01876	.97081
SDev	.00011	.00004	.00024	.00022	.00058	.00022	.00313
%RSD	.14886	70.673	692.13	5.0562	11.547	1.1606	.32226
#1	.07220	.00001	.00024	.00456	.00476	.01852	.96720
#2	.07227	.00008	-.00024	.00427	.00571	.01894	.97279
#3	.07206	.00008	.00011	.00413	.00465	.01881	.97242
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	.00725	-.00089	.00392	.03747	.00105	-.00004	.00116
SDev	.00135	.00008	.00036	.00013	.00313	.00396	.00235
%RSD	18.636	9.4833	9.1660	.35631	298.99	10690.	201.72
#1	.00680	-.00099	.00363	.03733	.00052	.00137	-.00135
#2	.00617	-.00085	.00432	.03760	-.00178	.00303	.00331
#3	.00876	-.00084	.00381	.03747	.00441	-.00451	.00153
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	.00106	.00221	1.0117	21.218	3.0278	21.376	8.1311
SDev	.00031	.00058	.0023	.064	.0206	.065	.0131
%RSD	28.920	26.198	.22789	.30163	.68094	.30412	.16146
#1	.00120	.00166	1.0090	21.144	3.0097	21.301	8.1174
#2	.00071	.00216	1.0133	21.254	3.0503	21.412	8.1436
#3	.00127	.00281	1.0127	21.255	3.0234	21.415	8.1324
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	17.429	.00065	-.00235	6.0209	-.00196	.00114	.00083
SDev	.125	.00035	.00014	.0249	.00183	.00445	.00287
%RSD	.71737	53.598	5.9122	.41422	93.655	388.58	346.03
#1	17.340	.00100	-.00219	5.9994	-.00345	-.00320	-.00076
#2	17.375	.00064	-.00244	6.0149	-.00251	.00094	.00415
#3	17.572	.00031	-.00242	6.0482	.00009	.00569	-.00[illegible]
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

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High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00586	.00422
SDev	.00283	.00126
%RSD	48.199	29.937
#1	-.00790	.00544
#2	-.00705	.00429
#3	-.00264	.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	34920	--	--	--	--	--	--
SDev	125.7056	--	--	--	--	--	--
%RSD	.3599844	--	--	--	--	--	--
#1	35026	--	--	--	--	--	--
#2	34781	--	--	--	--	--	--
#3	34953	--	--	--	--	--	--

Analysis Report QC Standard 08/12/04 03:07:17 PM

Method: EPA3 Sample Name: CCV Operator:
Run Time: 08/12/04 14:59:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0146	2.0030	1.9483	1.9592	1.9794	1.9969	1.9828
SDev	.0186	.0133	.0136	.0149	.0137	.0190	.0143
%RSD	.92326	.66451	.69838	.76223	.69255	.95184	.71985
#1	1.9956	1.9888	1.9354	1.9434	1.9657	1.9767	1.9682
#2	2.0155	2.0050	1.9471	1.9612	1.9793	1.9996	1.9835
#3	2.0328	2.0152	1.9625	1.9731	1.9931	2.0144	1.9967
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	1.9655	.25315	1.9798	1.9701	1.9779	1.9782	1.9629
SDev	.0161	.00199	.0200	.0103	.0189	.0217	.0064
%RSD	.81998	.78470	1.0088	.52520	.95308	1.0947	.32535
#1	1.9495	.25106	1.9592	1.9594	1.9576	1.9546	1.9579
#2	1.9653	.25337	1.9809	1.9708	1.9814	1.9828	1.9607
#3	1.9817	.25501	1.9991	1.9800	1.9948	1.9972	1.9701
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	1.9715	1.9601	39.414	38.780	39.555	39.558	39.627
SDev	.0087	.0156	.354	.258	.281	.297	.367
%RSD	.44273	.79344	.89869	.66438	.71109	.75013	.92554
#1	1.9641	1.9424	39.062	38.511	39.270	39.263	39.236
#2	1.9694	1.9664	39.409	38.806	39.561	39.556	39.680
#3	1.9811	1.9716	39.771	39.025	39.833	39.856	39.964
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	40.222	1.9913	1.9737	5.0565	1.9802	1.9776	1.9553
SDev	.389	.0184	.0162	.0413	.0150	.0144	.0027
%RSD	.96632	.92151	.82092	.81663	.75832	.72821	.13740
#1	39.917	1.9729	1.9571	5.0123	1.9666	1.9646	1.9543
#2	40.089	1.9913	1.9743	5.0630	1.9776	1.9750	1.9533
#3	40.659	2.0096	1.9895	5.0941	1.9963	1.9931	1.9583
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	1.9835	1.9652
SDev	.0165	.0050
%RSD	.83106	.25190
#1	1.9707	1.9604
#2	1.9777	1.9649
#3	2.0021	1.9703
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	35286	--	--	--	--	--	--
SDev	270.0555	--	--	--	--	--	--
%RSD	.7653247	--	--	--	--	--	--
#1	35535	--	--	--	--	--	--
#2	35325	--	--	--	--	--	--
#3	34999	--	--	--	--	--	--

Analysis Report QC Standard 08/12/04 03:14:59 PM

Method: EPA3 Sample Name: CCB Operator:
Run Time: 08/12/04 15:07:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00039	.00041	.00006	-.00054	.00022	.00008	.00046
SDev	.00018	.00009	.00028	.00057	.00087	.00071	.00013
%RSD	47.406	20.762	465.62	106.28	388.63	907.52	27.235
#1	.00056	Q.00050	-.00005	-.00032	.00084	.00071	.00061
#2	.00039	.00040	.00038	-.00119	-.00078	-.00069	.00037
#3	.00020	.00033	-.00015	-.00011	.00061	.00022	.00041
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	.00085	-.00025	.00044	.00016	.00183	.00384	-.00084
SDev	.00121	.00082	.00052	.00040	.00112	.00378	.00117
%RSD	142.87	331.81	117.37	248.99	61.401	98.467	139.21
#1	.00096	-.00014	.00023	.00058	.00297	.00814	-.00164
#2	-.00042	-.00112	.00103	-.00023	.00177	.00105	-.00139
#3	.00199	.00052	.00006	.00014	.00073	.00233	.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	.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	-.00048	-.00251	-.01048	-.01732	.02075	-.00195	-.31803
SDev	.00326	.00299	.00671	.00146	.01310	.00341	.00735
%RSD	683.71	119.19	64.019	8.4506	63.146	174.65	2.3122
#1	.00209	-.00148	-.00362	-.01563	.01457	-.00279	-.31123
#2	.00063	Q-.00588	-.01703	-.01807	.01188	-.00487	-.31704
#3	-.00415	-.00017	-.01078	-.01826	.03580	.00180	-.32583
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	-.16909	.00202	-.00111	-.00558	.00156	-.00106	-.00108
SDev	.07819	.00109	.00280	.00376	.00319	.00428	.00129
%RSD	46.245	53.714	252.43	67.285	205.05	402.81	119.55
#1	-.13055	Q.00319	.00102	-.00128	.00519	-.00578	.00008
#2	-.25907	.00182	-.00429	-.00818	.00026	.00006	-.00246
#3	-.11764	.00105	-.00006	-.00730	-.00078	.00254	-.00085
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	-.00196	-.00005
SDev	.00458	.00465
%RSD	233.51	9613.0
#1	-.00435	.00501
#2	.00332	-.00101
#3	-.00484	-.00414
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	35176	--	--	--	--	--	--
SDev	289.6584	--	--	--	--	--	--
%RSD	.8234484	--	--	--	--	--	--
#1	34942	--	--	--	--	--	--
#2	35087	--	--	--	--	--	--
#3	35500	--	--	--	--	--	--

Analysis Report 08/12/04 03:22:41 PM

Method: EPA3 Sample Name: N73626-4 Operator:
Run Time: 08/12/04 15:15:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06574	.00019	-.00024	.02479	.00587	.02088	1.0429
SDev	.00204	.00005	.00058	.00157	.00044	.00119	.0330
%RSD	3.1033	25.974	244.30	6.3365	7.4546	5.7194	3.1611
#1	.06810	.00025	.00042	.02654	.00545	.02213	1.0806
#2	.06446	.00017	-.00045	.02349	.00582	.01976	1.0194
#3	.06468	.00016	-.00068	.02435	.00632	.02073	1.0286
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	.01488	-.00066	.00598	.05009	.00470	-.00672	.00119
SDev	.00157	.00021	.00033	.00182	.00135	.00449	.00018
%RSD	10.541	32.501	5.4740	3.6305	28.665	66.772	15.447
#1	.01628	-.00041	.00630	.05218	.00569	-.00601	.00128
#2	.01318	-.00080	.00599	.04920	.00525	L-.01152	.00131
#3	.01519	-.00076	.00565	.04888	.00317	-.00263	.00097
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	-.00036	.00276	1.0675	6.8887	62.769	5.6390	2.2312
SDev	.00172	.00284	.0405	.2163	1.972	.1813	.1026
%RSD	475.28	103.11	3.7958	3.1401	3.1410	3.2147	4.5965
#1	-.00224	.00575	1.1142	7.1364	65.023	5.8458	2.3488
#2	.00113	.00245	1.0423	6.7373	61.365	5.5076	2.1605
#3	.00002	.00008	1.0459	6.7924	61.919	5.5635	2.1842
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	36.582	-.00005	-.00191	8.3871	-.00287	.00061	.00107
SDev	.864	.00062	.00090	.2650	.00229	.00504	.00232
%RSD	2.3623	1154.4	46.836	3.1595	79.945	831.09	217.43
#1	37.517	-.00012	-.00089	8.6911	-.00022	.00616	-.00153
#2	35.813	-.00064	-.00253	8.2049	-.00432	-.00068	.00179
#3	36.414	.00060	-.00232	8.2654	-.00407	-.00366	.00295
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

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High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00929	.00375
SDev	.00367	.00177
%RSD	39.530	47.103
#1	-.01316	.00285
#2	-.00887	.00579
#3	-.00585	.00262
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	34351	--	--	--	--	--	--
SDev	987.4764	--	--	--	--	--	--
%RSD	2.874671	--	--	--	--	--	--
#1	33213	--	--	--	--	--	--
#2	34980	--	--	--	--	--	--
#3	34860	--	--	--	--	--	--

Analysis Report 08/12/04 03:30:22 PM

Method: EPA3 Sample Name: N73626-5 Operator:
Run Time: 08/12/04 15:22:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00709	.00059	.00002	-.00131	.00056	-.00005	.00099
SDev	.00040	.00003	.00013	.00030	.00033	.00051	.00011
%RSD	5.6353	4.5140	762.51	22.747	58.296	1096.1	11.429
#1	.00755	.00062	.00015	-.00153	.00020	-.00038	.00096
#2	.00684	.00057	-.00001	-.00097	.00083	.00054	.00112
#3	.00688	.00058	-.00010	-.00142	.00067	-.00030	.00090
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	.00268	-.00096	-.00032	.00607	.00100	-.00316	-.00079
SDev	.00113	.00015	.00114	.00067	.00400	.00390	.00035
%RSD	42.074	15.514	361.47	10.989	400.54	123.19	44.495
#1	.00175	-.00086	.00058	.00530	.00103	.00095	-.00117
#2	.00393	-.00113	-.00160	.00650	-.00301	-.00363	-.00074
#3	.00236	-.00089	.00007	.00641	.00498	-.00681	-.00047
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	.00270	.00455	.00458	.02983	.02679	.00518	-.25608
SDev	.00312	.00249	.00279	.00165	.00628	.00245	.04417
%RSD	115.52	54.690	60.956	5.5392	23.427	47.332	17.249
#1	.00470	.00550	.00711	.02908	.03215	.00462	-.30049
#2	.00430	.00643	.00505	.03173	.02835	.00786	-.21215
#3	-.00089	.00173	.00159	.02870	.01989	.00306	-.25562
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	.53428	.00024	-.00168	.67678	-.00304	-.00228	-.00040
SDev	.05010	.00101	.00102	.01410	.00088	.00221	.00060
%RSD	9.3780	429.03	60.768	2.0839	28.853	96.987	149.32
#1	.58093	-.00038	-.00228	.68770	-.00360	-.00478	.00029
#2	.48132	.00140	-.00050	.68178	-.00203	-.00146	-.00074
#3	.54059	-.00031	-.00226	.66085	-.00349	-.00059	-.00075
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	-.00088	.00417
SDev	.00313	.00336
%RSD	354.67	80.589
#1	.00229	.00555
#2	-.00097	.00662
#3	-.00397	.00034
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	34142	--	--	--	--	--	--
SDev	376.6465	--	--	--	--	--	--
%RSD	1.103163	--	--	--	--	--	--
#1	34249	--	--	--	--	--	--
#2	33724	--	--	--	--	--	--
#3	34454	--	--	--	--	--	--

Analysis Report 08/12/04 03:38:04 PM

Method: EPA3 Sample Name: N73626-6 Operator:
Run Time: 08/12/04 15:30:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05979	.00002	-.00070	.02345	.00255	-.00002	1.0635
SDev	.00060	.00007	.00018	.00196	.00145	.00227	.0084
%RSD	1.0124	429.42	25.956	8.3540	56.773	10580.	.78753
#1	.06025	.00005	-.00058	.02403	.00356	.00199	1.0716
#2	.06002	.00006	-.00060	.02506	.00319	.00043	1.0640
#3	.05910	-.00006	-.00090	.02127	.00089	-.00249	1.0549
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	.01141	-.00161	.00365	.04328	.00223	-.00389	.00081
SDev	.00053	.00201	.00071	.00067	.00418	.01152	.00102
%RSD	4.6404	125.18	19.495	1.5385	187.43	295.83	125.34
#1	.01159	.00019	.00291	.04367	.00184	L-.01649	.00064
#2	.01081	-.00123	.00370	.04366	.00659	.00612	-.00011
#3	.01182	-.00378	.00433	.04251	-.00174	-.00131	.00191
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	.00133	-.00358	.46465	6.5480	64.310	5.6961	2.0779
SDev	.00227	.00218	.01534	.0581	.397	.0492	.0774
%RSD	171.06	60.759	3.3023	.88753	.61767	.86444	3.7240
#1	.00372	-.00481	.47744	6.6039	64.684	5.7329	2.1403
#2	-.00080	-.00107	.46888	6.5523	64.353	5.7151	2.1020
#3	.00107	-.00486	.44764	6.4879	63.893	5.6402	1.9913
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	37.881	.00037	-.00626	7.7410	.00169	.00228	-.00032
SDev	.605	.00286	.00808	.0599	.00877	.00233	.00154
%RSD	1.5984	765.01	129.04	.77325	519.88	101.99	484.25
#1	38.503	-.00263	.00021	7.7997	-.00826	-.00036	.00062
#2	37.845	.00070	-.00368	7.7432	.00506	.00317	-.00209
#3	37.294	.00306	-.01531	7.6800	.00826	.00403	.00052
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	-.00570	.00452
SDev	.00141	.00401
%RSD	24.779	88.748
#1	-.00655	.00850
#2	-.00407	.00049
#3	-.00649	.00455
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	35241	--	--	--	--	--	--
SDev	1319.479	--	--	--	--	--	--
%RSD	3.744150	--	--	--	--	--	--
#1	34277	--	--	--	--	--	--
#2	34702	--	--	--	--	--	--
#3	36745	--	--	--	--	--	--

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Method: EPA3 Sample Name: Operator:
Run Time: 08/12/04 15:38:08 N73707-1 MD 8/12/04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20230	.00001	.00022	-.00052	.00118	.04213	.06411
SDev	.00117	.00003	.00025	.00013	.00011	.00027	.00034
%RSD	.57727	302.15	112.67	24.601	9.6120	.63839	.52591
#1	.20202	-.00002	.00044	-.00045	.00131	.04238	.06400
#2	.20130	.00003	.00025	-.00067	.00109	.04184	.06384
#3	.20358	.00001	-.00004	-.00045	.00115	.04217	.06449
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	.00279	-.00055	.00309	.07886	.00205	.00306	.00822
SDev	.00117	.00035	.00040	.00050	.00198	.00710	.00121
%RSD	41.867	63.576	12.977	.63843	96.580	232.31	14.694
#1	.00182	-.00080	.00348	.07844	.00431	.00371	.00764
#2	.00408	-.00015	.00312	.07873	.00066	.00981	.00741
#3	.00246	-.00071	.00268	.07942	.00117	-.00435	.00961
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	.00378	.00240	.08699	64.735	2.2182	11.537	7.9965
SDev	.00225	.00174	.00080	.450	.0223	.078	.0747
%RSD	59.379	72.400	.92239	.69542	1.0066	.67252	.93379
#1	.00364	.00390	.08759	64.448	2.2038	11.485	7.9680
#2	.00161	.00049	.08608	64.504	2.2069	11.500	7.9403
#3	.00609	.00282	.08731	65.254	2.2440	11.626	8.0812
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	70.452	.05780	-.00170	8.1636	-.00013	.00699	.00846
SDev	.626	.00099	.00070	.0466	.00459	.00286	.00264
%RSD	.88844	1.7132	41.177	.57041	3569.2	40.937	31.243
#1	70.195	.05673	-.00098	8.1453	.00400	.00454	.00881
#2	69.996	.05868	-.00238	8.1289	.00069	.01014	.00566
#3	71.166	.05800	-.00175	8.2165	-.00508	.00631	.01092
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	-.00307	.00686
SDev	.00285	.00282
%RSD	92.907	41.162
#1	-.00588	.00806
#2	-.00312	.00364
#3	-.00019	.00889
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	35090	--	--	--	--	--	--
SDev	201.3742	--	--	--	--	--	--
%RSD	.5738770	--	--	--	--	--	--
#1	34955	--	--	--	--	--	--
#2	35322	--	--	--	--	--	--
#3	34994	--	--	--	--	--	--

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Method: EPA3 Sample Name: N74515-1 Operator:
Run Time: 08/12/04 15:56:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.26619	.00215	.00397	.01467	.09334	.80866	.61811
SDev	.00075	.00003	.00026	.00077	.00038	.00278	.00164
%RSD	.28081	1.1475	6.6027	5.2252	.40722	.34359	.26498
#1	.26686	.00213	.00384	.01553	.09370	.81138	.61956
#2	.26632	.00218	.00380	.01404	.09295	.80876	.61844
#3	.26538	.00215	.00427	.01445	.09338	.80583	.61634
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	.08609	.00111	.13346	.58044	.02596	-.00111	.30284
SDev	.00149	.00030	.00084	.00291	.00441	.00547	.00241
%RSD	1.7311	27.111	.63140	.50204	17.006	493.66	.79496
#1	.08747	.00085	.13443	.58326	.02086	.00505	.30068
#2	.08628	.00102	.13292	.58063	.02833	-.00299	.30543
#3	.08451	.00144	.13302	.57744	.02868	-.00538	.30242
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	.00577	.00687	56.887	27.456	50.755	7.7750	7.7508
SDev	.00178	.00283	.176	.077	.154	.0185	.0152
%RSD	30.830	41.265	.30896	.27886	.30275	.23854	.19660
#1	.00374	.00894	57.051	27.528	50.901	7.7805	7.7588
#2	.00656	.00802	56.909	27.464	50.768	7.7901	7.7604
#3	.00703	.00364	56.702	27.375	50.595	7.7543	7.7332
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	566.97	.02473	-.00619	H59.608	.01119	.30721	.30028
SDev	.70	.00063	.00127	.193	.00294	.00024	.00360
%RSD	.12427	2.5434	20.542	.32324	26.234	.07755	1.1995
#1	567.63	.02538	-.00593	H59.737	.01453	.30732	.29695
#2	567.04	.02413	-.00758	H59.701	.01006	.30736	.30410
#3	566.23	.02467	-.00507	H59.387	.00899	.30693	.29979
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	-.00100	.00883
SDev	.00134	.00208
%RSD	134.30	23.568
#1	-.00230	.00643
#2	-.00106	.01004
#3	.00037	.01003
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	36627	--	--	--	--	--	--
SDev	156.3911	--	--	--	--	--	--
%RSD	.4269870	--	--	--	--	--	--
#1	36681	--	--	--	--	--	--
#2	36450	--	--	--	--	--	--
#3	36749	--	--	--	--	--	--

Method: EPA3 Sample Name: N74912-1Q Operator:
Run Time: 08/12/04 16:04:59
Comment: 2
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00486	.00059	-.00012	-.00030	-.00020	-.00029	.00072
SDev	.00006	.00001	.00023	.00065	.00066	.00006	.00001
%RSD	1.2118	2.3191	192.98	218.69	333.10	22.734	.84015
#1	.00482	.00057	.00014	.00032	-.00032	-.00025	.00073
#2	.00483	.00058	-.00024	-.00098	.00051	-.00025	.00072
#3	.00493	.00060	-.00026	-.00023	-.00078	-.00036	.00072
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	.00367	-.00003	-.00021	.00416	.00153	.00457	-.00177
SDev	.00063	.00019	.00105	.00028	.00438	.00524	.00241
%RSD	17.030	568.32	497.31	6.7139	285.49	114.51	136.30
#1	.00345	-.00003	.00005	.00419	-.00132	H.01025	L-.00321
#2	.00438	.00016	-.00137	.00387	H.00657	.00353	.00101
#3	.00319	-.00023	.00069	.00443	-.00065	-.00006	L-.00311
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	.00126	-.00171	-.00056	.05409	.00836	-.00220	-.26899
SDev	.00184	.00094	.00129	.00205	.00424	.00071	.01822
%RSD	146.11	55.162	231.06	3.7835	50.719	31.989	6.7735
#1	.00225	-.00063	.00075	.05414	.01081	-.00302	-.25153
#2	.00238	-.00215	-.00182	.05611	.00346	-.00184	-.28788
#3	-.00086	-.00235	-.00059	.05202	.01080	-.00175	-.26755
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	-.31873	.00123	-.00005	H.23009	.00102	-.00216	-.00192
SDev	.08140	.00054	.00038	.00130	.00242	.00205	.00300
%RSD	25.539	44.284	793.53	.56320	237.79	95.157	156.11
#1	-.22475	.00173	.00005	H.22911	-.00163	-.00147	-.00441
#2	-.36720	.00130	-.00047	H.22961	.00157	-.00053	.00141
#3	-.36424	.00065	.00027	H.23156	.00311	-.00446	-.00277
Errors	LC Pass	LC Pass	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK

1230

High	5.0000	.00500	.05000	.20000	.01000
Low	-5.0000	-.01000	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.00545	-.00115
SDev	.00386	.00146
%RSD	70.749	127.28
#1	.00927	-.00156
#2	.00553	.00048
#3	.00155	-.00236
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	35797	--	--	--	--	--	--
SDev	217.8394	--	--	--	--	--	--
%RSD	.6085353	--	--	--	--	--	--
#1	35593	--	--	--	--	--	--
#2	36026	--	--	--	--	--	--
#3	35773	--	--	--	--	--	--

Analysis Report 08/12/04 04:20:07 PM

Method: EPA3 Sample Name: N74913-1Q Operator:
Run Time: 08/12/04 16:12:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00563	.00062	.00013	-.00026	-.00028	.00007	.00068
SDev	.00003	.00002	.00031	.00054	.00041	.00034	.00004
%RSD	.60062	2.3664	245.39	209.68	146.57	457.79	6.3452
#1	.00563	.00061	-.00022	-.00033	-.00032	.00045	.00064
#2	.00566	.00063	.00023	-.00076	-.00067	-.00000	.00073
#3	.00559	.00064	.00037	.00032	.00015	-.00022	.00068
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	.00369	.00022	-.00037	.00314	.00197	.00196	.00025
SDev	.00167	.00030	.00097	.00025	.00463	.00487	.00176
%RSD	45.110	132.78	261.73	7.9510	234.86	248.78	708.67
#1	.00355	.00018	-.00139	.00336	.00200	.00689	.00110
#2	.00210	-.00005	-.00026	.00287	H.00659	.00185	-.00178
#3	.00543	.00054	.00054	.00319	-.00267	-.00286	.00143
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	.00299	-.00212	.00131	.33881	.02172	.01379	-.28040
SDev	.00224	.00315	.00246	.00091	.00525	.00687	.00577
%RSD	75.028	148.48	186.99	.26730	24.151	49.838	2.0576
#1	H.00551	.00013	-.00143	.33896	.01613	.00602	-.28091
#2	.00123	L-.00571	.00332	.33963	.02653	.01626	-.28590
#3	.00221	-.00078	.00206	.33784	.02251	.01908	-.27439
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	-.32265	-.00053	-.00075	H.23442	.00248	-.00138	.00071
SDev	.09567	.00065	.00098	.00074	.00235	.00185	.00299
%RSD	29.651	121.39	129.92	.31758	94.705	134.16	420.71
#1	-.39568	-.00026	-.00127	H.23360	.00451	.00034	.00113
#2	-.35792	-.00127	-.00136	H.23505	.00304	-.00114	-.00247
#3	-.21435	-.00006	.00038	H.23462	-.00010	-.00334	.00341
Errors	LC Pass	LC Pass	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK

1232

High	5.0000	.00500	.05000	.20000	.01000
Low	-5.0000	-.01000	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.00520	.00154
SDev	.00398	.00158
%RSD	76.466	102.41
#1	.00978	.00304
#2	.00324	-.00011
#3	.00258	.00169
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	35546	--	--	--	--	--	--
SDev	86.06974	--	--	--	--	--	--
%RSD	.2421389	--	--	--	--	--	--
#1	35458	--	--	--	--	--	--
#2	35630	--	--	--	--	--	--
#3	35550	--	--	--	--	--	--

Analysis Report QC Standard 08/12/04 04:34:36 PM

Method: EPA3 Sample Name: CRIB Operator:
Run Time: 08/12/04 16:26:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.41243	.01065	.00854	.10397	.02087	.05135	.03165
SDev	.00093	.00002	.00023	.00084	.00073	.00040	.00017
%RSD	.22541	.18729	2.6668	.81125	3.4796	.78626	.54607
#1	.41349	.01066	.00854	.10459	.02149	.05177	.03184
#2	.41205	.01062	.00877	.10301	.02007	.05096	.03152
#3	.41175	.01065	.00832	.10430	.02105	.05132	.03158
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	.08195	.02001	.10208	.04341	.00993	.02320	.00577
SDev	.00288	.00042	.00042	.00045	.00148	.00661	.00175
%RSD	3.5091	2.1163	.40918	1.0338	14.912	28.498	30.260
#1	.08523	.02050	.10246	.04358	.01054	Q.02807	.00773
#2	.07983	.01976	.10215	.04290	.00824	.02586	.00522
#3	.08081	.01978	.10164	.04375	.01101	.01567	.00437
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	.00901	Q.00679	.37618	4.9503	.19678	4.9225	4.7773
SDev	.00372	.00357	.00473	.0265	.01161	.0219	.0332
%RSD	41.232	52.508	1.2563	.53465	5.9009	.44579	.69510
#1	Q.00615	Q.00680	.38160	4.9808	.20859	4.9478	4.8156
#2	Q.01321	Q.00322	.37396	4.9332	.19636	4.9089	4.7564
#3	.00768	.01035	.37296	4.9369	.18538	4.9108	4.7599
Errors	QC Pass	QC Fail	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	5.0756	.02187	.10742	.41458	.02073	.00374	.00637
SDev	.1465	.00034	.00145	.00514	.00231	.00225	.00371
%RSD	2.8861	1.5383	1.3479	1.2395	11.131	60.207	58.262
#1	5.2442	.02161	.10881	.42003	.01939	.00150	.01042
#2	5.0028	.02174	.10753	.41392	.02340	.00373	.00554
#3	4.9797	.02225	.10592	.40981	.01941	.00600	.00314
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

1234

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	.00800	.00918
SDev	.00285	.00418
%RSD	35.601	45.559
#1	.00540	.00618
#2	.01104	.01396
#3	.00755	.00741
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	35448	--	--	--	--	--	--
SDev	516.7613	--	--	--	--	--	--
%RSD	1.457801	--	--	--	--	--	--
#1	34875	--	--	--	--	--	--
#2	35590	--	--	--	--	--	--
#3	35879	--	--	--	--	--	--

Analysis Report QC Standard 08/12/04 04:42:17 PM

Method: EPA3 Sample Name: ICSA Operator:
Run Time: 08/12/04 16:34:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00435	.00034	-.00183	.00163	-.00084	.00117	-.00068
SDev	.00006	.00003	.00012	.00025	.00033	.00041	.00010
%RSD	1.3158	8.9004	6.6226	15.598	39.400	35.490	15.056
#1	.00439	.00038	-.00174	.00184	-.00096	.00138	-.00077
#2	.00438	.00033	-.00197	.00169	-.00109	.00069	-.00071
#3	.00429	.00032	-.00177	.00135	-.00046	.00143	-.00057
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	-.00139	-.00018	.00195	.00091	.00417	.00579	.00104
SDev	.00305	.00011	.00035	.00076	.00314	.00179	.00270
%RSD	218.38	58.506	18.200	83.099	75.270	30.996	260.26
#1	-.00179	-.00007	.00233	.00008	Q.00777	.00585	-.00208
#2	-.00422	-.00021	.00164	.00157	.00263	.00396	.00256
#3	.00183	-.00028	.00186	.00109	.00210	.00755	.00263
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	.00229	.00194	510.56	497.09	185.16	498.02	-.19668
SDev	.00265	.00218	4.09	4.73	1.41	3.73	.01961
%RSD	115.76	112.68	.80196	.95183	.76024	.74981	9.9702
#1	.00479	.00357	515.28	502.55	186.76	502.33	-.17579
#2	-.00049	.00279	508.48	494.17	184.12	495.71	-.21468
#3	.00257	-.00054	507.92	494.55	184.60	496.02	-.19957
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	-.15662	.00176	-.00171	.03293	.00602	-.00499	.00357
SDev	.03266	.00172	.00079	.00082	.00209	.00533	.00606
%RSD	20.857	98.167	46.382	2.4933	34.755	106.88	169.55
#1	-.15899	.00302	-.00100	.03246	.00414	-.00132	-.00296
#2	-.18803	.00246	-.00257	.03245	.00827	-.00254	.00466
#3	-.12283	-.00021	-.00156	.03388	.00563	-.01111	.00901
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

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Value	.00000	.00000	.00000	.00000	.00000
Range	5.0000	.00500	.05000	.20000	.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00593	.00604
SDev	.00409	.00357
%RSD	68.899	59.119
#1	-.00178	.00772
#2	-.00606	.00194
#3	-.00996	.00847
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	33477	--	--	--	--	--	--
SDev	287.1731	--	--	--	--	--	--
%RSD	.8578136	--	--	--	--	--	--
#1	33174	--	--	--	--	--	--
#2	33746	--	--	--	--	--	--
#3	33512	--	--	--	--	--	--

Analysis Report QC Standard 08/12/04 04:55:05 PM

Method: EPA3 Sample Name: ICSAB Operator:
Run Time: 08/12/04 16:47:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50709	.46151	.93298	.48339	.46783	.50258	.47720
SDev	.00215	.00525	.01090	.00468	.00552	.00211	.00442
%RSD	.42487	1.1382	1.1686	.96822	1.1791	.41967	.92601
#1	.50472	.45614	.92288	.47880	.46181	.50025	.47261
#2	.50760	.46174	.93151	.48321	.46906	.50436	.47758
#3	.50894	.46664	.94454	.48815	.47263	.50314	.48142
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	.96006	1.0124	.48524	.93104	1.0191	.95520	.97366
SDev	.00924	.0064	.00574	.01177	.0098	.00903	.00815
%RSD	.96191	.62974	1.1833	1.2646	.95846	.94561	.83734
#1	.95131	1.0052	.48043	.92031	1.0082	.94553	.96516
#2	.95915	1.0144	.48369	.92919	1.0218	.96341	.98142
#3	.96971	1.0175	.49160	.94364	1.0272	.95667	.97438
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	.99448	1.0004	513.99	515.62	193.51	494.27	-.18925
SDev	.00898	.0032	2.68	6.83	2.00	4.68	.02859
%RSD	.90278	.32108	.52177	1.3249	1.0322	.94612	15.107
#1	.98709	.99814	510.90	508.76	191.50	489.27	-.21491
#2	1.0045	.99892	515.48	515.65	193.56	494.99	-.19439
#3	.99188	1.0040	515.60	522.43	195.49	498.54	-.15843
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	-.14008	.48825	.53234	.11143	.00732	.98950	.96526
SDev	.06916	.00626	.00202	.00047	.00307	.02199	.01260
%RSD	49.369	1.2832	.38016	.42519	41.941	2.2225	1.3048
#1	-.17547	.48278	.53015	.11094	.00423	.97013	.96215
#2	-.06039	.48690	.53414	.11146	.00735	.98496	.97912
#3	-.18439	.49509	.53273	.11189	.01037	1.0134	.95451
Errors	NOCHECK	QC Pass	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK

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Value	.50000	.50000
Range	.10000	.10000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	1.0038	.98949
SDev	.0161	.01010
%RSD	1.6018	1.0210
#1	.98523	.98767
#2	1.0119	1.0004
#3	1.0141	.98042
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	33677	--	--	--	--	--	--
SDev	183.0555	--	--	--	--	--	--
%RSD	.5435571	--	--	--	--	--	--
#1	33880	--	--	--	--	--	--
#2	33524	--	--	--	--	--	--
#3	33628	--	--	--	--	--	--

Analysis Report QC Standard 08/12/04 05:02:47 PM

Method: EPA3 Sample Name: CCV Operator:
Run Time: 08/12/04 16:55:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0330	2.0512	2.0001	2.0109	2.0237	2.0141	2.0291
SDev	.0035	.0051	.0081	.0041	.0042	.0063	.0052
%RSD	.17407	.25051	.40689	.20381	.20773	.31115	.25617
#1	2.0354	2.0505	2.0000	2.0102	2.0244	2.0139	2.0294
#2	2.0289	2.0464	1.9920	2.0073	2.0192	2.0079	2.0237
#3	2.0346	2.0566	2.0083	2.0154	2.0275	2.0204	2.0341
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	2.0105	.25659	2.0099	2.0315	2.0174	2.0114	2.0042
SDev	.0070	.00050	.0031	.0071	.0019	.0030	.0043
%RSD	.34597	.19503	.15469	.34803	.09442	.14993	.21255
#1	2.0153	.25634	2.0076	2.0309	2.0195	2.0130	2.0061
#2	2.0025	.25625	2.0087	2.0247	2.0158	2.0132	1.9993
#3	2.0137	.25716	2.0134	2.0388	2.0170	2.0079	2.0072
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	2.0093	1.9927	39.904	39.757	40.457	40.403	39.923
SDev	.0039	.0024	.071	.059	.057	.096	.022
%RSD	.19235	.12006	.17846	.14926	.14028	.23750	.05505
#1	2.0132	1.9953	39.902	39.746	40.490	40.447	39.899
#2	2.0093	1.9923	39.834	39.703	40.391	40.293	39.929
#3	2.0054	1.9906	39.976	39.820	40.489	40.469	39.941
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	40.530	2.0256	1.9958	5.1432	2.0134	2.0187	1.9966
SDev	.089	.0064	.0041	.0118	.0079	.0015	.0056
%RSD	.21888	.31365	.20550	.23015	.39273	.07531	.28249
#1	40.517	2.0244	1.9945	5.1425	2.0092	2.0196	1.9989
#2	40.449	2.0199	1.9926	5.1316	2.0085	2.0169	1.9901
#3	40.625	2.0324	2.0004	5.1553	2.0225	2.0195	2.0001
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

1240

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	2.0156	2.0058
SDev	.0065	.0057
%RSD	.32441	.28552
#1	2.0140	2.0124
#2	2.0228	2.0023
#3	2.0101	2.0028
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	34889	--	--	--	--	--	--
SDev	55.17313	--	--	--	--	--	--
%RSD	.1581387	--	--	--	--	--	--
#1	34842	--	--	--	--	--	--
#2	34950	--	--	--	--	--	--
#3	34876	--	--	--	--	--	--

Analysis Report QC Standard 08/12/04 05:15:40 PM

Method: EPA3 Sample Name: CCB
Run Time: 08/12/04 17:08:02 Operator:
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	.00036	.00043	.00004	.00009	.00002	.00036
SDev	.00026	.00019	.00052	.00052	.00052	.00048	.00018
%RSD	1304.6	53.500	120.73	1187.6	571.71	2647.6	49.193
#1	-.00010	.00027	.00057	.00064	-.00016	-.00051	.00027
#2	-.00023	.00023	-.00014	-.00020	-.00025	.00015	.00024
#3	.00027	Q.00058	.00087	-.00031	.00068	.00041	.00056
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	.00075	.00003	.00040	.00068	-.00030	.00418	-.00296
SDev	.00223	.00004	.00057	.00019	.00045	.00404	.00064
%RSD	295.58	128.34	142.10	27.548	149.17	96.493	21.446
#1	-.00096	.00007	-.00026	.00056	-.00046	.00609	-.00258
#2	-.00005	.00003	.00074	.00059	-.00064	-.00045	Q-.00370
#3	.00327	-.00001	.00073	.00090	.00021	.00691	-.00262
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	.00276	-.00144	Q.03847	.03677	.03967	.05313	-.25047
SDev	.00092	.00200	.04756	.05075	.01261	.05267	.02592
%RSD	33.238	138.82	123.64	138.02	31.780	99.143	10.350
#1	.00170	-.00332	.00625	.00609	.02920	.02466	-.27993
#2	.00333	-.00167	.01605	.00887	.03615	.02081	-.23114
#3	.00325	.00066	Q.09309	.09534	.05367	.11391	-.24034
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	-.13117	.00042	.00002	-.00010	-.00017	-.00314	-.00325
SDev	.06208	.00171	.00050	.00292	.00285	.00124	.00155
%RSD	47.330	408.09	2290.2	2806.8	1711.5	39.487	47.621
#1	-.08714	-.00030	-.00039	-.00340	-.00188	-.00368	-.00241
#2	-.10419	-.00082	-.00011	.00212	-.00174	-.00172	-.00503
#3	-.20218	.00237	.00057	.00097	.00312	-.00401	-.00[illegible]
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

1242

Value	.00000	.00000	.00000	.00000	.00000
Range	.50940	.00300	.08100	.02300	.00690

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.00162	.00299
SDev	.00424	.00220
%RSD	261.08	73.582
#1	.00055	.00194
#2	.00629	.00151
#3	-.00197	.00551
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	34951	--	--	--	--	--	--
SDev	481.2851	--	--	--	--	--	--
%RSD	1.377031	--	--	--	--	--	--
#1	35468	--	--	--	--	--	--
#2	34516	--	--	--	--	--	--
#3	34869	--	--	--	--	--	--

Analysis Report 08/12/04 05:23:22 PM

Method: EPA3 Sample Name: N74515-2 Operator:
Run Time: 08/12/04 17:15:44
Comment: 1
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09476	.00009	.00125	.00064	.00145	.03469	.14801
SDev	.00145	.00003	.00008	.00054	.00023	.00066	.00219
%RSD	1.5354	34.569	6.4109	83.639	16.053	1.9138	1.4793
#1	.09313	.00011	.00123	.00087	.00157	.03428	.14559
#2	.09521	.00005	.00118	.00003	.00118	.03432	.14857
#3	.09593	.00009	.00134	.00103	.00159	.03545	.14986
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	.00312	-.00099	.00417	.13158	.00386	-.00052	.00208
SDev	.00046	.00047	.00012	.00208	.00358	.00167	.00128
%RSD	14.593	47.810	2.7780	1.5780	92.822	319.28	61.612
#1	.00259	-.00045	.00428	.12927	.00366	-.00176	.00289
#2	.00342	-.00132	.00418	.13216	.00038	-.00120	.00273
#3	.00334	-.00121	.00405	.13330	.00753	.00138	.00060
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	.00086	.00461	.06082	57.623	1.0778	9.0317	7.5388
SDev	.00359	.00191	.00107	.893	.0082	.1198	.1262
%RSD	416.69	41.437	1.7647	1.5503	.76537	1.3265	1.6735
#1	.00488	.00673	.05963	56.614	1.0721	8.8944	7.3985
#2	-.00204	.00303	.06112	57.941	1.0872	9.0860	7.5751
#3	-.00025	.00408	.06172	58.313	1.0739	9.1148	7.6428
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	85.526	.00296	-.00169	9.9415	-.00105	.00215	.00170
SDev	1.201	.00019	.00038	.1453	.00303	.00127	.00247
%RSD	1.4048	6.5244	22.421	1.4614	287.58	58.847	145.67
#1	84.172	.00312	-.00212	9.7770	-.00171	.00080	.00360
#2	85.942	.00303	-.00152	9.9948	-.00370	.00234	.00258
#3	86.465	.00275	-.00143	10.053	.00225	.00331	-.00412
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	-.00494	.00342
SDev	.00700	.00219
%RSD	141.48	63.935
#1	.00313	.00541
#2	-.00896	.00108
#3	-.00901	.00379
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	35236	--	--	--	--	--	--
SDev	387.9062	--	--	--	--	--	--
%RSD	1.100880	--	--	--	--	--	--
#1	35656	--	--	--	--	--	--
#2	35161	--	--	--	--	--	--
#3	34891	--	--	--	--	--	--

Analysis Report 08/12/04 05:31:04 PM

Method: EPA3 Sample Name: N74515-3 Operator:
Run Time: 08/12/04 17:23:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03420	.00021	.04216	.00028	.01897	.11680	.08709
SDev	.00007	.00002	.00015	.00016	.00088	.00062	.00035
%RSD	.19254	7.5433	.36868	59.430	4.6306	.52935	.39739
#1	.03412	.00021	.04198	.00042	.01932	.11609	.08672
#2	.03422	.00022	.04224	.00031	.01797	.11716	.08713
#3	.03425	.00019	.04225	.00010	.01962	.11716	.08741
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	.01041	-.00043	.02450	.18958	.00711	.00015	.03905
SDev	.00228	.00015	.00073	.00077	.00411	.00346	.00183
%RSD	21.871	34.260	2.9663	.40609	57.880	2301.9	4.6879
#1	.01304	-.00036	.02530	.18870	.01165	-.00382	.03753
#2	.00924	-.00060	.02388	.18987	.00602	.00174	.03853
#3	.00896	-.00033	.02431	.19016	.00365	.00253	.04108
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	.00289	.00679	3.0368	17.345	10.150	1.8374	5.9498
SDev	.00103	.00209	.0071	.045	.046	.0031	.0355
%RSD	35.537	30.812	.23322	.26028	.45381	.16810	.59607
#1	.00392	.00708	3.0290	17.295	10.097	1.8359	5.9106
#2	.00289	.00871	3.0428	17.358	10.170	1.8353	5.9797
#3	.00187	.00456	3.0386	17.383	10.182	1.8409	5.9590
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	138.11	.00746	-.00065	20.577	.00234	.03733	.03952
SDev	.71	.00082	.00101	.071	.00102	.00521	.00186
%RSD	.51281	10.940	154.92	.34356	43.363	13.968	4.7157
#1	137.30	.00652	-.00018	20.496	.00127	.03678	.03752
#2	138.62	.00791	-.00181	20.608	.00330	.03241	.04121
#3	138.40	.00795	.00004	20.626	.00246	.04279	.03984
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	.00611
SDev	.00308	.00064
%RSD	73.257	10.551
#1	-.00067	.00588
#2	-.00566	.00683
#3	-.00630	.00561
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	35403	--	--	--	--	--	--
SDev	134.7154	--	--	--	--	--	--
%RSD	.3805205	--	--	--	--	--	--
#1	35283	--	--	--	--	--	--
#2	35549	--	--	--	--	--	--
#3	35377	--	--	--	--	--	--

Analysis Report

08/12/04 05:38:45 PM

Method: EPA3 Sample Name: N74515-4 Operator:
Run Time: 08/12/04 17:31:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.54126	.00008	.00021	.00566	.00376	.02159	16.308
SDev	.00655	.00006	.00054	.00173	.00200	.00216	.251
%RSD	1.2096	69.159	264.76	30.503	53.196	9.9923	1.5372
#1	.54880	.00008	-.00040	.00487	.00248	.02137	16.596
#2	.53707	.00002	.00035	.00447	.00273	.01955	16.193
#3	.53790	.00013	.00066	.00764	.00606	.02384	16.136
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	.00187	.00220	.00198	.05742	.01413	-.00358	.02523
SDev	.00066	.00246	.00014	.00064	.00521	.00681	.00139
%RSD	35.266	111.85	7.2011	1.1163	36.848	190.50	5.5265
#1	.00168	.00078	.00194	.05792	.01937	L-.01122	.02477
#2	.00132	.00078	.00186	.05669	.00896	-.00134	.02412
#3	.00260	.00504	.00214	.05764	.01406	.00184	.02679
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	.00279	.00358	.05225	115.83	47.766	24.611	8.0277
SDev	.00210	.00412	.01049	1.76	.681	.335	.1125
%RSD	75.279	114.96	20.070	1.5235	1.4261	1.3593	1.4018
#1	.00188	-.00111	.04911	117.85	48.544	24.996	8.1538
#2	.00130	.00525	.04369	115.08	47.477	24.444	7.9373
#3	.00519	.00660	.06395	114.57	47.277	24.393	7.9921
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	383.45	-.00087	.00453	18.194	.00008	.02855	.02322
SDev	3.31	.00043	.00858	.230	.00119	.00581	.00089
%RSD	.86303	49.676	189.26	1.2649	1527.9	20.365	3.8521
#1	387.25	-.00064	-.00164	18.460	.00075	.02568	.02396
#2	381.19	-.00060	.00091	18.062	-.00129	.02473	.02347
#3	381.90	-.00137	.01433	18.061	.00078	.03525	.02228
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

1248

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	.00313	.00227
SDev	.00402	.00119
%RSD	128.41	52.345
#1	.00196	.00149
#2	-.00017	.00169
#3	.00760	.00364
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	34593	--	--	--	--	--	--
SDev	635.7546	--	--	--	--	--	--
%RSD	1.837824	--	--	--	--	--	--
#1	33859	--	--	--	--	--	--
#2	34936	--	--	--	--	--	--
#3	34983	--	--	--	--	--	--

Analysis Report 08/12/04 05:46:27 PM

Method: EPA3 Sample Name: N74317-1 Operator:
Run Time: 08/12/04 17:38:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15792	-.00001	-.00001	-.00068	.00049	.02466	.02433
SDev	.00086	.00001	.00045	.00035	.00061	.00072	.00090
%RSD	.54370	104.87	3941.3	51.840	122.84	2.9398	3.6905
#1	.15876	.00000	-.00010	-.00053	.00120	.02507	.02517
#2	.15794	-.00002	-.00040	-.00042	.00017	.02509	.02445
#3	.15705	-.00002	.00047	-.00108	.00012	.02382	.02338
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	.00085	-.00097	.00019	.04181	.00329	-.00224	.00023
SDev	.00109	.00020	.00057	.00032	.00327	.00395	.00409
%RSD	128.85	21.061	292.24	.77660	99.499	176.25	1804.3
#1	.00061	-.00089	.00026	.04193	.00621	-.00491	-.00245
#2	-.00011	-.00081	-.00040	.04205	.00389	.00230	.00494
#3	.00204	-.00120	.00073	.04144	-.00024	-.00411	-.00181
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	.00416	.02561	52.698	.08223	7.5442	3.8457
SDev	.00369	.00236	.00243	.232	.00946	.0266	.0167
%RSD	411.07	56.731	9.4695	.44101	11.509	.35265	.43521
#1	-.00336	.00193	.02821	52.868	.08935	7.5662	3.8616
#2	.00278	.00391	.02518	52.793	.07149	7.5517	3.8473
#3	.00327	.00663	.02342	52.433	.08586	7.5146	3.8282
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	201.19	.00251	-.00164	5.1560	.00036	-.00035	.00019
SDev	.42	.00051	.00060	.0250	.00225	.00567	.00333
%RSD	.20914	20.463	36.815	.48466	620.50	1637.0	1798.8
#1	201.66	.00223	-.00176	5.1794	-.00138	-.00348	-.00229
#2	201.06	.00220	-.00098	5.1589	-.00043	.00619	.00397
#3	200.85	.00310	-.00217	5.1297	.00291	-.00376	-.001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

1250

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	-.00622	.00415
SDev	.00373	.00370
%RSD	59.901	89.361
#1	-.01052	-.00012
#2	-.00424	.00600
#3	-.00390	.00656
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	35022	--	--	--	--	--	--
SDev	201.6191	--	--	--	--	--	--
%RSD	.5756993	--	--	--	--	--	--
#1	34889	--	--	--	--	--	--
#2	34922	--	--	--	--	--	--
#3	35254	--	--	--	--	--	--

Analysis Report 08/12/04 05:54:08 PM

Method: EPA3 Sample Name: N74317-2 Operator:
Run Time: 08/12/04 17:46:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.17982	-.00001	-.00046	-.00061	.00016	.02000	.16521
SDev	.00186	.00002	.00019	.00073	.00038	.00015	.00110
%RSD	1.0340	140.09	41.356	120.10	231.64	.75731	.66253
#1	.17776	-.00001	-.00037	-.00043	.00056	.02015	.16398
#2	.18136	-.00004	-.00033	-.00141	-.00020	.01985	.16555
#3	.18035	.00000	-.00067	.00002	.00013	.01999	.16608
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	.00805	-.00091	-.00021	.04779	.00021	-.00332	.00101
SDev	.00023	.00043	.00010	.00044	.00323	.00165	.00054
%RSD	2.8549	47.006	45.879	.91476	1560.6	49.724	53.362
#1	.00831	-.00049	-.00010	.04731	.00043	-.00391	.00056
#2	.00799	-.00134	-.00027	.04792	.00332	-.00459	.00161
#3	.00787	-.00090	-.00026	.04815	-.00313	-.00145	.00087
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	.00130	.00210	-.00551	114.21	.01612	24.921	9.1523
SDev	.00154	.00329	.00459	1.14	.01249	.231	.0954
%RSD	118.40	156.55	83.193	.99957	77.501	.92702	1.0424
#1	.00285	.00351	-.00297	113.00	.01726	24.664	9.0462
#2	.00128	.00444	-.01081	114.35	.00309	24.985	9.1796
#3	-.00023	-.00166	-.00277	115.27	.02799	25.113	9.2311
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	233.07	.00205	-.00202	6.9186	-.00022	.00004	.00116
SDev	2.00	.00067	.00210	.0555	.00283	.00209	.00080
%RSD	.85755	32.694	103.77	.80280	1278.6	5540.9	68.922
#1	230.77	.00169	-.00064	6.8564	-.00009	.00012	.00043
#2	234.39	.00282	-.00444	6.9362	.00254	.00208	.00103
#3	234.04	.00163	-.00099	6.9632	-.00312	-.00209	.0020
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

1252

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	-.00303	.00313
SDev	.00229	.00303
%RSD	75.532	96.696
#1	-.00531	.00658
#2	-.00073	.00195
#3	-.00304	.00088
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	35111	--	--	--	--	--	--
SDev	329.8328	--	--	--	--	--	--
%RSD	.9393877	--	--	--	--	--	--
#1	35001	--	--	--	--	--	--
#2	35482	--	--	--	--	--	--
#3	34851	--	--	--	--	--	--

Analysis Report 08/12/04 06:01:49 PM

Method: EPA3 Sample Name: N74317-3 Operator:
Run Time: 08/12/04 17:54:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20702	-.00002	.00029	-.00057	.00066	.01508	.31527
SDev	.00085	.00004	.00039	.00016	.00036	.00026	.00094
%RSD	.40905	170.21	133.62	28.644	54.264	1.7458	.29889
#1	.20631	.00000	.00038	-.00054	.00048	.01528	.31451
#2	.20678	-.00000	.00063	-.00043	.00043	.01478	.31497
#3	.20796	-.00006	-.00013	-.00075	.00108	.01519	.31632
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	.01007	-.00060	.00013	.04391	.00207	.00168	.00024
SDev	.00292	.00003	.00089	.00038	.00447	.00471	.00178
%RSD	28.966	5.4859	702.54	.86957	216.61	279.37	739.76
#1	.01293	-.00064	-.00090	.04428	-.00024	.00694	-.00133
#2	.00711	-.00058	.00055	.04352	.00722	.00027	.00217
#3	.01016	-.00058	.00073	.04392	-.00079	-.00215	-.00012
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	.00365	.00381	.01310	99.485	.04052	14.893	7.3669
SDev	.00106	.00145	.00051	.352	.00833	.037	.0431
%RSD	29.044	38.172	3.9167	.35431	20.557	.24706	.58443
#1	.00289	.00540	.01319	99.287	.03878	14.859	7.3406
#2	.00321	.00348	.01255	99.275	.03320	14.887	7.3434
#3	.00487	.00255	.01357	99.892	.04958	14.932	7.4165
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	191.36	.00183	-.00023	6.1061	-.00294	-.00126	.00065
SDev	.76	.00079	.00138	.0222	.00150	.00131	.00282
%RSD	.39951	43.289	596.82	.36317	51.140	103.79	434.64
#1	190.57	.00216	-.00086	6.0907	-.00371	-.00016	-.00226
#2	191.41	.00092	-.00118	6.0961	-.00121	-.00092	.00337
#3	192.10	.00240	.00135	6.1315	-.00390	-.00271	.00084
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	-.00141	.00587
SDev	.00372	.00100
%RSD	264.20	16.957
#1	-.00193	.00496
#2	-.00483	.00693
#3	.00255	.00573
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	35026	--	--	--	--	--	--
SDev	160.4161	--	--	--	--	--	--
%RSD	.4579933	--	--	--	--	--	--
#1	35039	--	--	--	--	--	--
#2	35179	--	--	--	--	--	--
#3	34859	--	--	--	--	--	--

Analysis Report 08/12/04 06:09:31 PM

Method: EPA3 Sample Name: N74317-4 Operator:
Run Time: 08/12/04 18:01:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03550	-.00002	.00002	-.00087	.00055	.02547	.19960
SDev	.00017	.00003	.00047	.00039	.00013	.00049	.00200
%RSD	.48070	116.35	2733.6	44.706	24.325	1.9027	1.0044
#1	.03565	-.00001	.00010	-.00075	.00070	.02603	.20152
#2	.03553	-.00006	.00044	-.00055	.00051	.02513	.19752
#3	.03531	-.00001	-.00049	-.00130	.00044	.02525	.19976
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	.02579	-.00096	.00032	.08764	.00249	.00406	-.00003
SDev	.00075	.00022	.00062	.00079	.00422	.00236	.00083
%RSD	2.8873	22.942	192.75	.89986	169.45	58.120	2584.3
#1	.02582	-.00093	.00077	.08808	.00298	.00335	.00081
#2	.02651	-.00120	-.00039	.08673	.00645	.00214	-.00004
#3	.02503	-.00076	.00059	.08811	-.00195	.00670	-.00086
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	.00242	.00482	.00604	11.860	.11846	2.2313	2.2585
SDev	.00279	.00111	.00402	.097	.01164	.0176	.0448
%RSD	115.43	22.974	66.587	.82126	9.8282	.79062	1.9820
#1	.00500	.00503	.00929	11.949	.13033	2.2462	2.2934
#2	.00281	.00581	.00154	11.756	.10706	2.2118	2.2080
#3	-.00055	.00363	.00727	11.876	.11800	2.2359	2.2739
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	133.74	.00121	-.00187	4.5539	.00158	-.00103	.00013
SDev	.20	.00094	.00078	.0338	.00106	.00203	.00219
%RSD	.15300	77.561	41.759	.74196	67.283	196.83	1710.2
#1	133.98	.00013	-.00101	4.5872	.00150	-.00218	.00195
#2	133.63	.00168	-.00207	4.5196	.00056	-.00224	.00073
#3	133.63	.00183	-.00253	4.5548	.00268	.00132	-.00[illegible]
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00450	.00555
SDev	.00170	.00358
%RSD	37.840	64.497
#1	-.00254	.00846
#2	-.00554	.00665
#3	-.00543	.00155
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	35241	--	--	--	--	--	--
SDev	787.3572	--	--	--	--	--	--
%RSD	2.234237	--	--	--	--	--	--
#1	34597	--	--	--	--	--	--
#2	36118	--	--	--	--	--	--
#3	35006	--	--	--	--	--	--

Analysis Report QC Standard 08/12/04 06:20:55 PM

Method: EPA3 Sample Name: CCV
Run Time: 08/12/04 18:13:18 Operator:
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0447	2.0436	1.9890	2.0016	2.0153	2.0288	2.0201
SDev	.0206	.0166	.0189	.0171	.0184	.0203	.0175
%RSD	1.0056	.81355	.94980	.85439	.91323	1.0029	.86503
#1	2.0633	2.0607	2.0074	2.0194	2.0335	2.0492	2.0378
#2	2.0481	2.0426	1.9900	1.9999	2.0159	2.0289	2.0197
#3	2.0226	2.0275	1.9697	1.9854	1.9967	2.0085	2.0029
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	2.0018	.25665	2.0082	2.0144	2.0172	2.0178	1.9937
SDev	.0204	.00236	.0208	.0182	.0224	.0117	.0151
%RSD	1.0180	.91908	1.0359	.90357	1.1127	.57827	.75531
#1	2.0235	.25872	2.0309	2.0332	2.0429	2.0308	1.9936
#2	1.9988	.25714	2.0033	2.0132	2.0077	2.0145	2.0088
#3	1.9831	.25408	1.9902	1.9969	2.0011	2.0082	1.9787
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	2.0051	1.9974	40.095	39.502	40.293	40.242	40.315
SDev	.0156	.0130	.408	.318	.362	.377	.383
%RSD	.77947	.65277	1.0168	.80608	.89843	.93678	.94901
#1	2.0125	2.0112	40.492	39.825	40.661	40.603	40.661
#2	2.0156	1.9956	40.118	39.493	40.279	40.270	40.379
#3	1.9871	1.9853	39.677	39.188	39.938	39.851	39.904
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	40.753	2.0197	2.0011	5.1519	2.0070	2.0024	1.9889
SDev	.442	.0140	.0192	.0506	.0220	.0178	.0145
%RSD	1.0845	.69364	.95711	.98132	1.0980	.88784	.72720
#1	41.110	2.0326	2.0191	5.2009	2.0312	2.0090	1.9855
#2	40.890	2.0216	2.0032	5.1549	2.0016	2.0160	2.0048
#3	40.259	2.0048	1.9809	5.0999	1.9881	1.9823	1.976
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	2.0127	2.0009
SDev	.0260	.0105
%RSD	1.2905	.52312
#1	2.0243	2.0063
#2	2.0309	2.0077
#3	1.9830	1.9889
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	34877	--	--	--	--	--	--
SDev	143.6943	--	--	--	--	--	--
%RSD	.4119990	--	--	--	--	--	--
#1	34760	--	--	--	--	--	--
#2	34834	--	--	--	--	--	--
#3	35038	--	--	--	--	--	--

Analysis Report QC Standard 08/12/04 06:28:37 PM

Method: EPA3 Sample Name: CCB Operator:
Run Time: 08/12/04 18:20:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00023	Q.00057	.00069	-.00051	.00023	-.00024	.00059
SDev	.00013	.00014	.00028	.00034	.00061	.00066	.00017
%RSD	55.618	24.062	41.424	66.521	264.60	273.64	28.426
#1	.00019	.00050	.00050	-.00012	.00094	-.00100	.00054
#2	.00037	Q.00072	.00055	-.00065	-.00008	.00013	.00078
#3	.00012	.00048	Q.00102	-.00076	-.00016	.00014	.00046
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	-.00040	-.00033	.00021	.00050	.00322	.00216	-.00035
SDev	.00125	.00053	.00057	.00045	.00440	.00244	.00233
%RSD	311.89	160.30	268.85	89.708	136.73	112.94	657.22
#1	.00002	.00021	.00085	.00055	.00163	.00422	-.00043
#2	-.00180	-.00085	-.00026	.00093	-.00017	-.00054	-.00264
#3	.00058	-.00035	.00005	.00003	Q.00819	.00280	.00201
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	-.00070	-.00186	-.00294	-.00607	.01861	.00547	-.28028
SDev	.00355	.00228	.00457	.00359	.00981	.00233	.01377
%RSD	503.55	122.43	155.34	59.091	52.726	42.575	4.9112
#1	-.00008	.00008	-.00759	-.00618	.02768	.00436	-.29371
#2	-.00452	-.00129	.00154	-.00243	.01995	.00814	-.26620
#3	.00249	-.00437	-.00278	-.00961	.00820	.00390	-.28092
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	-.00848	.00176	.00012	-.00060	.00033	-.00131	-.00026
SDev	.11844	.00141	.00086	.00207	.00154	.00452	.00152
%RSD	1396.6	80.147	714.39	344.24	465.53	346.31	592.15
#1	-.01743	.00195	.00082	-.00234	-.00095	.00021	-.00112
#2	.11418	Q.00306	-.00083	.00169	.00204	-.00639	-.00115
#3	-.12219	.00026	.00037	-.00114	-.00010	.00226	.00151
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	.00321	-.00300
SDev	.00567	.00305
%RSD	176.55	101.70
#1	.00125	-.00107
#2	-.00121	-.00652
#3	.00961	-.00141
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	35618	--	--	--	--	--	--
SDev	279.7530	--	--	--	--	--	--
%RSD	.7854171	--	--	--	--	--	--
#1	35937	--	--	--	--	--	--
#2	35412	--	--	--	--	--	--
#3	35506	--	--	--	--	--	--

Analysis Report 08/12/04 06:36:19 PM

Method: EPA3 Sample Name: MP26768-MB1 Operator:
Run Time: 08/12/04 18:28:41
Comment: 2
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00058	.00016	.00025	-.00079	-.00003	-.00003	.00031
SDev	.00021	.00003	.00003	.00023	.00059	.00032	.00005
%RSD	36.053	18.303	13.205	28.523	1712.2	1147.7	16.511
#1	.00071	.00013	.00027	-.00086	.00043	.00035	.00029
#2	.00069	.00017	.00026	-.00054	.00016	-.00020	.00037
#3	.00034	.00019	.00021	-.00098	-.00070	-.00022	.00028
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	.00082	-.00033	.00105	.00142	.00018	.00023	.00089
SDev	.00054	.00050	.00060	.00015	.00176	.00403	.00227
%RSD	66.301	152.22	57.634	10.524	999.40	1755.8	256.02
#1	.00020	-.00078	.00156	.00136	.00221	.00080	H.00344
#2	.00122	-.00042	.00119	.00159	-.00088	-.00406	-.00091
#3	.00103	.00021	.00038	.00131	-.00080	.00395	.00013
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	.00034	.00287	-.01449	.35012	.01938	-.00230	-.30441
SDev	.00220	.00109	.00321	.07557	.00865	.00356	.01422
%RSD	650.37	38.030	22.153	21.584	44.642	154.92	4.6702
#1	.00023	.00222	-.01190	.41307	.01974	-.00119	-.28866
#2	-.00180	.00413	-.01349	.37098	.01055	.00058	-.31628
#3	.00258	.00226	-.01808	.26631	.02784	-.00628	-.30830
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	.23124	.00045	-.00102	.00879	-.00114	.00377	-.00090
SDev	.03563	.00103	.00065	.00625	.00532	.00546	.00300
%RSD	15.408	229.97	63.240	71.141	468.40	145.01	334.66
#1	.19584	.00128	-.00171	.01524	-.00130	.00587	.00188
#2	.26709	-.00070	-.00042	.00835	-.00637	-.00243	-.00049
#3	.23078	.00076	-.00095	.00277	.00427	.00786	-.00405
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	.00589	-.00277
SDev	.01248	.00354
%RSD	211.78	127.80
#1	-.00065	.00037
#2	-.00195	-.00207
#3	.02028	-.00660
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	34914	--	--	--	--	--	--
SDev	521.1201	--	--	--	--	--	--
%RSD	1.492565	--	--	--	--	--	--
#1	34330	--	--	--	--	--	--
#2	35081	--	--	--	--	--	--
#3	35332	--	--	--	--	--	--

Analysis Report 08/12/04 06:44:00 PM

Method: EPA3 Sample Name: MP26768-LC1 Operator:
Run Time: 08/12/04 18:36:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53186	.53510	.53029	.53396	.52882	.53608	.53837
SDev	.00208	.00187	.00181	.00216	.00248	.00234	.00199
%RSD	.39051	.34909	.34101	.40455	.46822	.43687	.36937
#1	.52999	.53305	.52821	.53190	.52635	.53369	.53628
#2	.53149	.53554	.53141	.53376	.52880	.53616	.53859
#3	.53409	.53670	.53127	.53621	.53130	.53838	.54023
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	.53209	.20970	.52377	.54357	.53200	.52518	.52813
SDev	.00417	.00075	.00171	.00259	.00300	.00609	.00400
%RSD	.78451	.35743	.32619	.47577	.56318	1.1586	.75716
#1	.52836	.20896	.52290	.54102	.52960	.52238	.52385
#2	.53130	.20969	.52269	.54349	.53104	.52101	.52875
#3	.53660	.21046	.52574	.54619	.53535	.53216	.53177
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	.50447	.53093	4.9978	5.6274	5.5286	5.6891	5.0219
SDev	.00530	.00373	.0238	.0208	.0120	.0209	.0283
%RSD	1.0510	.70256	.47682	.36965	.21770	.36692	.56369
#1	.49899	.53365	4.9765	5.6079	5.5170	5.6701	4.9958
#2	.50486	.52667	4.9933	5.6252	5.5280	5.6857	5.0178
#3	.50957	.53246	5.0235	5.6493	5.5410	5.7114	5.0520
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	5.5151	.53991	L-.00189	H.31488	L-.00122	.53136	.52611
SDev	.0978	.00293	.00112	.00259	.00241	.00312	.00466
%RSD	1.7728	.54283	59.362	.82376	198.37	.58777	.88502
#1	5.4053	.53709	L-.00300	H.31243	L-.00397	.52868	.52093
#2	5.5475	.53970	L-.00077	H.31460	L-.00023	.53061	.52748
#3	5.5926	.54294	L-.00189	H.31759	H.00055	.53479	.52993
Errors	LC Pass	LC Pass	LC Low	LC High	LC Low	NOCHECK	NOCHECK

High	6.0000	.60000	.00000	.00000	.00000
Low	4.0000	.40000	.00000	.00000	.00000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.50716	.50280
SDev	.00490	.00657
%RSD	.96635	1.3058
#1	.50187	.49720
#2	.51155	.50117
#3	.50806	.51003
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	34783	--	--	--	--	--	--
SDev	44.25642	--	--	--	--	--	--
%RSD	.1272370	--	--	--	--	--	--
#1	34754	--	--	--	--	--	--
#2	34834	--	--	--	--	--	--
#3	34761	--	--	--	--	--	--

Analysis Report 08/12/04 06:51:41 PM

Method: EPA3 Sample Name: MP26768-S1 Operator:
Run Time: 08/12/04 18:44:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0584	.05146	.05043	.50098	.20087	.27716	.80346
SDev	.0357	.00092	.00070	.00872	.00338	.00451	.01347
%RSD	1.7359	1.7800	1.3882	1.7407	1.6823	1.6255	1.6764
#1	2.0478	.05123	.05032	.49723	.19948	.27677	.79912
#2	2.0983	.05247	.05118	.51095	.20473	.28186	.81856
#3	2.0292	.05069	.04980	.49476	.19841	.27287	.79269
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	.50168	.05093	.49667	.53592	1.9860	1.9912	.50009
SDev	.00856	.00056	.00889	.00925	.0315	.0336	.00922
%RSD	1.7068	1.0900	1.7896	1.7259	1.5848	1.6894	1.8434
#1	.49965	.05033	.49438	.53246	1.9781	1.9803	.49649
#2	.51108	.05143	.50648	.54640	2.0206	2.0289	.51056
#3	.49432	.05102	.48915	.52889	1.9591	1.9644	.49320
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	1.9304	.50393	1.9816	97.348	1.0749	32.014	28.605
SDev	.0349	.00968	.0374	1.737	.0188	.540	.428
%RSD	1.8095	1.9201	1.8875	1.7840	1.7506	1.6863	1.4968
#1	1.9064	.50682	1.9706	96.792	1.0651	31.868	28.456
#2	1.9705	.51183	2.0233	99.294	1.0966	32.612	29.088
#3	1.9143	.49313	1.9510	95.957	1.0630	31.562	28.271
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	37.615	.00133	-.00128	17.729	-.00026	.49977	.49972
SDev	.416	.00134	.00169	.306	.00219	.00720	.01029
%RSD	1.1072	100.43	131.60	1.7272	855.02	1.4404	2.0588
#1	37.438	.00015	-.00291	17.652	.00222	.49829	.49508
#2	38.091	.00107	-.00140	18.066	-.00102	.50759	.51152
#3	37.317	.00278	.00046	17.468	-.00197	.49342	.49258
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	1.9465	1.9220
SDev	.0323	.0369
%RSD	1.6612	1.9179
#1	1.9319	1.8933
#2	1.9836	1.9636
#3	1.9241	1.9091
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	34480	--	--	--	--	--	--
SDev	443.7595	--	--	--	--	--	--
%RSD	1.287015	--	--	--	--	--	--
#1	34618	--	--	--	--	--	--
#2	33983	--	--	--	--	--	--
#3	34838	--	--	--	--	--	--

Analysis Report 08/12/04 06:59:22 PM

Method: EPA3 Sample Name: MP26768-S2 Operator:
Run Time: 08/12/04 18:51:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0064	.05022	.04960	.49158	.19689	.26989	.78749
SDev	.0173	.00044	.00056	.00471	.00155	.00203	.00635
%RSD	.86325	.87865	1.1187	.95783	.78543	.75057	.80586
#1	2.0264	.05072	.05021	.49700	.19851	.27222	.79481
#2	1.9960	.04990	.04948	.48853	.19543	.26895	.78348
#3	1.9969	.05004	.04912	.48920	.19672	.26852	.78419
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	.49424	.04943	.48564	.52650	1.9530	1.9588	.49062
SDev	.00265	.00051	.00462	.00437	.0220	.0220	.00225
%RSD	.53579	1.0290	.95170	.82944	1.1273	1.1242	.45782
#1	.49729	.04986	.49097	.53136	1.9778	1.9830	.49321
#2	.49290	.04957	.48310	.52291	1.9359	1.9534	.48927
#3	.49253	.04887	.48284	.52523	1.9453	1.9400	.48937
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	1.8953	.49157	1.9343	95.419	1.0540	31.210	27.838
SDev	.0180	.00367	.0200	.826	.0232	.266	.171
%RSD	.94864	.74680	1.0350	.86603	2.2035	.85227	.61598
#1	1.9160	.49506	1.9575	96.370	1.0807	31.517	28.033
#2	1.8865	.49190	1.9228	94.881	1.0421	31.041	27.767
#3	1.8835	.48774	1.9228	95.005	1.0391	31.072	27.712
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	36.781	.00041	-.00070	17.374	-.00175	.49128	.48986
SDev	.254	.00181	.00038	.148	.00197	.00245	.00272
%RSD	.69088	442.20	54.823	.85454	112.77	.49945	.55529
#1	37.074	.00248	-.00114	17.546	-.00392	.49309	.49284
#2	36.627	-.00092	-.00053	17.282	-.00006	.48849	.48924
#3	36.642	-.00032	-.00043	17.295	-.00127	.49225	.4875[illegible]
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

1268

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	1.9092	1.8880
SDev	.0134	.0204
%RSD	.70004	1.0780
#1	1.9246	1.9114
#2	1.9009	1.8789
#3	1.9021	1.8739
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	34756	--	--	--	--	--	--
SDev	332.2316	--	--	--	--	--	--
%RSD	.9559045	--	--	--	--	--	--
#1	34373	--	--	--	--	--	--
#2	34967	--	--	--	--	--	--
#3	34927	--	--	--	--	--	--

Analysis Report 08/12/04 07:07:03 PM

Method: EPA3 Sample Name: N74646-12 Operator:
Run Time: 08/12/04 18:59:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04292	.00003	-.00015	-.00072	.00053	.02013	.28891
SDev	.00030	.00000	.00023	.00074	.00061	.00057	.00056
%RSD	.70129	.72996	150.30	102.56	116.16	2.8096	.19434
#1	.04319	.00003	.00011	.00011	.00113	.02059	.28856
#2	.04298	.00003	-.00033	-.00131	-.00009	.01950	.28956
#3	.04260	.00003	-.00023	-.00097	.00054	.02029	.28862
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	-.00031	.00034	.02627	-.00078	.00425	.00137
SDev	.00118	.00019	.00077	.00065	.00450	.00412	.00024
%RSD	114.70	60.606	228.30	2.4623	578.91	96.834	17.610
#1	-.00031	-.00020	-.00053	.02701	.00441	.00648	.00164
#2	.00191	-.00052	.00094	.02603	-.00357	.00677	.00124
#3	.00147	-.00020	.00061	.02578	-.00317	-.00050	.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	.00053	.00414	-.00995	69.945	.14087	6.6769	2.4346
SDev	.00044	.00558	.00168	.163	.00566	.0127	.0227
%RSD	84.653	135.02	16.905	.23339	4.0215	.19019	.93097
#1	.00005	.00818	-.00846	69.859	.14605	6.6671	2.4084
#2	.00093	-.00224	-.01177	70.133	.13482	6.6913	2.4473
#3	.00060	.00647	-.00961	69.842	.14174	6.6724	2.4480
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	11.671	.00078	.00030	17.501	.00158	-.00470	.00405
SDev	.121	.00021	.00134	.033	.00205	.00679	.00370
%RSD	1.0380	26.565	440.36	.18701	129.44	144.54	91.190
#1	11.612	.00056	.00103	17.491	-.00009	-.01131	.00778
#2	11.810	.00080	-.00124	17.537	.00387	.00226	.00039
#3	11.590	.00097	.00112	17.474	.00097	-.00505	.00408
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	-.00476	.00287
SDev	.00707	.00293
%RSD	148.45	102.24
#1	-.01293	.00624
#2	-.00071	.00144
#3	-.00065	.00092
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	34789	--	--	--	--	--	--
SDev	457.9122	--	--	--	--	--	--
%RSD	1.316274	--	--	--	--	--	--
#1	35317	--	--	--	--	--	--
#2	34505	--	--	--	--	--	--
#3	34544	--	--	--	--	--	--

Analysis Report 08/12/04 07:14:43 PM

Method: EPA3 Sample Name: MP26768-SD1 Operator:
Run Time: 08/12/04 19:07:06
Comment:
Mode: CONC Corr. Factor: 5

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04413	-.00011	-.00110	-.00525	.01558	.01916	.29482
SDev	.00040	.00017	.00209	.00366	.00352	.00089	.00081
%RSD	.91710	162.99	189.31	69.744	22.583	4.6621	.27642
#1	.04459	-.00010	-.00165	-.00927	.01621	.01965	.29495
#2	.04382	.00006	.00120	-.00213	.01875	.01813	.29557
#3	.04398	-.00028	-.00286	-.00433	.01179	.01969	.29395
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	.01086	.00016	-.00204	.04061	.01499	.00678	L-.00305
SDev	.00552	.00026	.00216	.00144	.00528	.00921	.01892
%RSD	50.774	163.56	105.57	3.5491	35.237	135.88	621.10
#1	.00450	.00045	-.00285	.04087	.01147	.00576	L-.01927
#2	.01413	.00008	.00040	.04190	.01244	-.00188	.01774
#3	.01397	-.00005	-.00369	.03905	.02106	.01646	L-.00760
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	.00156	-.00383	-.10044	71.266	.21198	6.8370	1.2866
SDev	.00381	.01186	.01742	.121	.03488	.0090	.0208
%RSD	244.24	310.14	17.348	.17022	16.454	.13095	1.6181
#1	.00512	L-.00508	-.09989	71.265	.24161	6.8440	1.2842
#2	-.00245	.00862	-.11814	71.388	.22078	6.8401	1.3085
#3	.00201	L-.01501	-.08330	71.145	.17354	6.8269	1.2671
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	11.274	.00325	-.00970	17.921	-.00779	-.00214	-.00521
SDev	.572	.00350	.00594	.031	.01280	.01618	.02045
%RSD	5.0741	107.75	61.247	.17021	164.35	754.23	392.20
#1	10.655	-.00036	-.01492	17.947	-.00647	-.01788	-.02169
#2	11.782	.00664	-.00324	17.929	L-.02119	.01444	.01767
#3	11.387	.00347	-.01094	17.888	.00430	-.00300	-.011[illegible]
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

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High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.00620	-.00233
SDev	.02349	.01320
%RSD	378.97	565.76
#1	-.00990	.01112
#2	-.00466	-.00286
#3	.03315	-.01527
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	34965	--	--	--	--	--	--
SDev	91.02235	--	--	--	--	--	--
%RSD	.2603237	--	--	--	--	--	--
#1	34895	--	--	--	--	--	--
#2	34932	--	--	--	--	--	--
#3	35068	--	--	--	--	--	--

Analysis Report

08/12/04 07:22:25 PM

Method: EPA3 Sample Name: N74646-13 Operator:
Run Time: 08/12/04 19:14:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01813	-.00002	-.00030	-.00079	.00030	.01143	.37188
SDev	.00014	.00003	.00043	.00023	.00019	.00045	.00365
%RSD	.76809	197.85	142.97	28.689	64.318	3.9632	.98121
#1	.01808	.00001	-.00078	-.00097	.00034	.01175	.37063
#2	.01801	-.00005	-.00017	-.00054	.00009	.01091	.36902
#3	.01828	-.00000	.00005	-.00086	.00047	.01163	.37599
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	-.00029	.00010	1.0139	-.00238	.00150	.00107
SDev	.00124	.00032	.00044	.0099	.00239	.00612	.00082
%RSD	249.13	113.52	462.87	.97183	100.20	407.03	76.824
#1	-.00187	-.00027	-.00024	1.0113	.00023	.00262	.00151
#2	.00054	-.00062	-.00007	1.0057	-.00444	-.00510	.00158
#3	-.00016	.00003	.00059	1.0249	-.00294	.00699	.00012
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	.00182	-.00413	36.593	.07928	3.7825	.38694
SDev	.00152	.00370	.00025	.370	.00202	.0369	.02354
%RSD	122.38	203.58	6.0918	1.0114	2.5536	.97561	6.0850
#1	.00035	-.00201	-.00417	36.472	.08022	3.7728	.38187
#2	.00300	.00209	-.00435	36.298	.07696	3.7514	.36633
#3	.00038	.00538	-.00385	37.008	.08067	3.8233	.41260
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	10.510	.00037	-.00067	20.139	-.00299	-.00217	.00234
SDev	.145	.00114	.00067	.175	.00223	.00299	.00257
%RSD	1.3782	309.92	99.716	.86668	74.607	137.77	109.64
#1	10.498	.00151	-.00134	20.080	-.00043	-.00536	.00459
#2	10.371	-.00077	-.00065	20.001	-.00450	-.00172	.00288
#3	10.660	.00037	-.00001	20.335	-.00403	.00057	-.00045
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	-.00074	.00190
SDev	.00328	.00109
%RSD	443.22	57.220
#1	-.00390	.00218
#2	.00265	.00283
#3	-.00098	.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	34616	--	--	--	--	--	--
SDev	299.6317	--	--	--	--	--	--
%RSD	.8655940	--	--	--	--	--	--
#1	34621	--	--	--	--	--	--
#2	34913	--	--	--	--	--	--
#3	34314	--	--	--	--	--	--

Analysis Report 08/12/04 07:30:07 PM

Method: EPA3 Sample Name: N74646-12F Operator:
Run Time: 08/12/04 19:22:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04399	-.00002	-.00014	-.00113	-.00028	.00102	.29051
SDev	.00070	.00003	.00006	.00053	.00044	.00019	.00296
%RSD	1.5858	134.91	39.131	47.259	155.72	19.201	1.0196
#1	.04327	-.00006	-.00020	-.00053	.00023	.00082	.28746
#2	.04403	-.00002	-.00013	-.00131	-.00052	.00102	.29338
#3	.04467	.00001	-.00009	-.00154	-.00056	.00121	.29069
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	.00332	-.00024	-.00040	.01669	.00304	-.00468	.00084
SDev	.00064	.00049	.00130	.00038	.00350	.00368	.00085
%RSD	19.145	209.37	323.23	2.2457	115.31	78.605	102.35
#1	.00395	.00019	.00043	.01633	.00632	-.00099	.00176
#2	.00333	-.00078	.00027	.01708	.00345	-.00470	.00007
#3	.00268	-.00012	-.00191	.01667	-.00065	-.00834	.00068
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	.00229	.00412	-.01593	71.954	.09302	6.8421	2.5350
SDev	.00328	.00188	.00244	.680	.01214	.0636	.0306
%RSD	142.98	45.606	15.299	.94500	13.048	.92927	1.2085
#1	.00263	.00216	-.01867	71.344	.09018	6.7730	2.5003
#2	-.00114	.00591	-.01509	72.687	.08256	6.8981	2.5583
#3	.00539	.00429	-.01402	71.831	.10633	6.8553	2.5464
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	11.732	.00028	-.00075	17.919	-.00288	-.00782	.00482
SDev	.241	.00247	.00067	.189	.00728	.01129	.00567
%RSD	2.0553	885.86	90.025	1.0561	252.87	144.40	117.49
#1	11.722	.00263	-.00023	17.702	-.00104	-.00184	.00321
#2	11.497	.00050	-.00150	18.051	.00331	-.00078	.00014
#3	11.979	-.00229	-.00050	18.004	L-.01091	-.02084	.01113
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	-.00550	.00587
SDev	.00684	.00728
%RSD	124.24	124.07
#1	.00092	.00313
#2	-.00474	.00035
#3	-.01269	.01412
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	34069	--	--	--	--	--	--
SDev	389.6552	--	--	--	--	--	--
%RSD	1.143721	--	--	--	--	--	--
#1	34462	--	--	--	--	--	--
#2	34062	--	--	--	--	--	--
#3	33683	--	--	--	--	--	--

Analysis Report

08/12/04 07:37:49 PM

Method: EPA3 Sample Name: N74646-13F
Run Time: 08/12/04 19:30:11 Operator:
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01912	-.00001	-.00053	-.00090	-.00029	.00144	.38649
SDev	.00033	.00004	.00002	.00057	.00030	.00034	.00732
%RSD	1.7266	305.86	3.8517	62.551	105.42	23.286	1.8934
#1	.01950	.00003	-.00056	-.00155	-.00062	.00125	.39492
#2	.01894	-.00003	-.00052	-.00052	-.00004	.00124	.38184
#3	.01891	-.00005	-.00053	-.00064	-.00020	.00182	.38270
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	.00122	-.00089	-.00008	1.0417	.00154	.00477	.00107
SDev	.00150	.00042	.00016	.0162	.00099	.00232	.00082
%RSD	123.37	47.646	195.83	1.5545	64.025	48.590	77.333
#1	-.00052	-.00121	-.00025	1.0604	.00187	.00741	.00026
#2	.00210	-.00041	.00008	1.0326	.00043	.00382	.00191
#3	.00207	-.00105	-.00009	1.0321	.00233	.00308	.00102
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	.00120	.00130	-.01466	38.079	.02735	3.9191	.48479
SDev	.00134	.00289	.00054	.696	.00370	.0758	.04621
%RSD	111.69	222.37	3.6973	1.8265	13.512	1.9330	9.5322
#1	.00054	.00463	-.01441	38.883	.03131	4.0065	.53721
#2	.00275	-.00040	-.01528	37.674	.02400	3.8777	.46723
#3	.00032	-.00034	-.01428	37.681	.02674	3.8730	.44994
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	10.858	.00070	-.00229	20.854	.00009	-.00044	.00146
SDev	.122	.00159	.00117	.412	.00126	.00044	.00135
%RSD	1.1272	226.83	51.093	1.9759	1426.5	100.93	92.237
#1	10.849	.00240	-.00306	21.330	-.00068	-.00051	.00029
#2	10.985	.00047	-.00094	20.613	.00154	-.00083	.00293
#3	10.740	-.00076	-.00286	20.620	-.00060	.00004	.0011[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	-.00315	.00303
SDev	.00346	.00356
%RSD	110.05	117.31
#1	-.00379	.00234
#2	-.00624	.00689
#3	.00059	-.00013
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	33591	--	--	--	--	--	--
SDev	781.5739	--	--	--	--	--	--
%RSD	2.326741	--	--	--	--	--	--
#1	32694	--	--	--	--	--	--
#2	33950	--	--	--	--	--	--
#3	34129	--	--	--	--	--	--

Analysis Report QC Standard 08/12/04 07:45:30 PM

Method: EPA3 Sample Name: CCV
Run Time: 08/12/04 19:37:53 Operator:
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0322	2.0538	1.9970	2.0184	2.0137	2.0267	2.0259
SDev	.0057	.0023	.0043	.0020	.0016	.0057	.0031
%RSD	.28019	.11015	.21659	.09994	.07820	.27968	.15225
#1	2.0378	2.0556	2.0015	2.0198	2.0152	2.0332	2.0281
#2	2.0324	2.0546	1.9968	2.0194	2.0138	2.0236	2.0272
#3	2.0264	2.0513	1.9928	2.0161	2.0120	2.0232	2.0224
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	2.0018	.25611	1.9720	2.0234	2.0120	1.9826	2.0122
SDev	.0014	.00046	.0037	.0024	.0106	.0097	.0017
%RSD	.06751	.17753	.18987	.11833	.52517	.48844	.08282
#1	2.0028	.25601	1.9763	2.0248	2.0211	1.9715	2.0131
#2	2.0023	.25572	1.9703	2.0248	2.0145	1.9893	2.0102
#3	2.0003	.25661	1.9694	2.0207	2.0004	1.9869	2.0131
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	2.0097	2.0116	39.918	39.592	39.987	39.983	40.384
SDev	.0053	.0010	.105	.018	.089	.053	.056
%RSD	.26447	.05147	.26318	.04546	.22348	.13374	.13867
#1	2.0107	2.0119	40.039	39.607	40.087	40.041	40.448
#2	2.0145	2.0124	39.868	39.597	39.956	39.971	40.353
#3	2.0040	2.0104	39.848	39.572	39.917	39.936	40.349
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	40.851	2.0010	2.0077	5.1464	1.9911	2.0209	2.0074
SDev	.042	.0020	.0027	.0098	.0033	.0033	.0040
%RSD	.10362	.09977	.13208	.19066	.16734	.16367	.20140
#1	40.810	1.9987	2.0108	5.1577	1.9904	2.0180	2.0102
#2	40.848	2.0025	2.0067	5.1415	1.9948	2.0245	2.0028
#3	40.894	2.0017	2.0058	5.1401	1.9883	2.0201	2.0093
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	2.0136	2.0075
SDev	.0079	.0070
%RSD	.39227	.35060
#1	2.0222	2.0046
#2	2.0118	2.0155
#3	2.0067	2.0023
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	34790	--	--	--	--	--	--
SDev	47.27768	--	--	--	--	--	--
%RSD	.1358949	--	--	--	--	--	--
#1	34798	--	--	--	--	--	--
#2	34833	--	--	--	--	--	--
#3	34739	--	--	--	--	--	--

Analysis Report QC Standard 08/12/04 08:03:08 PM

Method: EPA3 Sample Name: CCB Operator:
Run Time: 08/12/04 19:55:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00003	.00004	-.00010	-.00061	-.00007	.00014	.00019
SDev	.00024	.00001	.00041	.00017	.00005	.00009	.00005
%RSD	842.07	35.339	394.05	27.648	75.593	65.763	25.780
#1	.00027	.00002	.00037	-.00043	-.00006	.00007	.00014
#2	.00003	.00005	-.00033	-.00064	-.00002	.00011	.00024
#3	-.00021	.00004	-.00035	-.00076	-.00011	.00024	.00019
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	-.00071	-.00020	.00011	-.00001	.00207	.00205	-.00223
SDev	.00214	.00036	.00009	.00019	.00164	.00543	.00131
%RSD	303.34	185.60	79.160	1643.1	79.392	264.96	58.680
#1	.00162	-.00046	.00006	.00020	.00381	-.00360	-.00257
#2	-.00259	.00022	.00007	-.00017	.00184	.00252	-.00078
#3	-.00115	-.00034	.00022	-.00007	.00055	.00723	Q-.00333
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	.00127	.00013	Q-.03095	-.02058	.00579	-.00797	-.25602
SDev	.00303	.00331	.00392	.00149	.00661	.00225	.02234
%RSD	239.43	2491.7	12.675	7.2398	114.10	28.241	8.7257
#1	-.00208	.00395	Q-.03067	-.01936	-.00115	-.00889	-.25486
#2	.00205	-.00152	-.02717	-.02015	.00653	-.00541	-.23428
#3	.00384	-.00203	Q-.03500	-.02224	.01200	-.00962	-.27892
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	-.13560	-.00029	-.00046	-.00623	.00070	-.00178	-.00279
SDev	.01775	.00049	.00095	.00262	.00180	.00203	.00133
%RSD	13.088	166.28	205.01	41.992	258.84	113.75	47.707
#1	-.15234	-.00081	.00057	-.00329	.00278	-.00363	-.00238
#2	-.13746	.00016	-.00067	-.00711	-.00043	.00039	-.00172
#3	-.11699	-.00023	-.00129	-.00829	-.00026	-.00211	-.00429
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

1282

Value	.00000	.00000	.00000	.00000	.00000
Range	.50940	.00300	.08100	.02300	.00690

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.00113	.00099
SDev	.00241	.00431
%RSD	212.16	434.90
#1	-.00052	-.00320
#2	.00389	.00077
#3	.00003	.00540
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	34899	--	--	--	--	--	--
SDev	330.8234	--	--	--	--	--	--
%RSD	.9479470	--	--	--	--	--	--
#1	34872	--	--	--	--	--	--
#2	34582	--	--	--	--	--	--
#3	35242	--	--	--	--	--	--

Analysis Report QC Standard 08/12/04 08:21:11 PM

Method: EPA3 Sample Name: CCV Operator:
Run Time: 08/12/04 20:13:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0167	2.0110	1.9529	1.9662	1.9860	2.0054	1.9945
SDev	.0069	.0088	.0050	.0116	.0101	.0044	.0087
%RSD	.34310	.43962	.25783	.59129	.50722	.21712	.43605
#1	2.0098	2.0159	1.9557	1.9715	1.9893	2.0024	1.9986
#2	2.0236	2.0008	1.9471	1.9529	1.9748	2.0104	1.9845
#3	2.0167	2.0164	1.9559	1.9742	1.9941	2.0035	2.0003
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	1.9693	.25401	1.9977	1.9734	1.9844	1.9807	1.9473
SDev	.0081	.00090	.0125	.0149	.0029	.0097	.0231
%RSD	.41341	.35640	.62411	.75259	.14542	.49178	1.1880
#1	1.9749	.25417	1.9967	1.9841	1.9863	1.9867	1.9721
#2	1.9600	.25303	1.9858	1.9565	1.9811	1.9695	1.9436
#3	1.9731	.25482	2.0107	1.9798	1.9859	1.9860	1.9262
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	1.9407	1.9794	39.547	38.871	39.924	39.765	39.829
SDev	.0336	.0036	.070	.217	.112	.101	.247
%RSD	1.7292	.18098	.17600	.55733	.28119	.25498	.62110
#1	1.9726	1.9755	39.487	39.012	39.988	39.799	39.687
#2	1.9439	1.9801	39.623	38.621	39.794	39.651	40.115
#3	1.9057	1.9826	39.530	38.979	39.990	39.845	39.686
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	40.297	2.0162	1.9761	5.1362	1.9962	1.9675	1.9368
SDev	.134	.0075	.0022	.0029	.0115	.0458	.0348
%RSD	.33198	.36996	.11312	.05584	.57739	2.3268	1.7966
#1	40.167	2.0196	1.9736	5.1332	1.9998	2.0024	1.9566
#2	40.435	2.0077	1.9771	5.1364	1.9833	1.9157	1.9572
#3	40.288	2.0215	1.9777	5.1389	2.0055	1.9844	1.8966
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	1.9635	1.9290
SDev	.0346	.0535
%RSD	1.7617	2.7752
#1	1.9856	1.9657
#2	1.9236	1.9537
#3	1.9812	1.8676
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	35055	--	--	--	--	--	--
SDev	235.2378	--	--	--	--	--	--
%RSD	.6710498	--	--	--	--	--	--
#1	35023	--	--	--	--	--	--
#2	35305	--	--	--	--	--	--
#3	34838	--	--	--	--	--	--

Analysis Report QC Standard 08/12/04 08:28:53 PM

Method: EPA3 Sample Name: CCB Operator:
Run Time: 08/12/04 20:21:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00056	Q.00073	.00055	.00016	.00076	-.00026	.00083
SDev	.00020	.00006	.00042	.00060	.00026	.00029	.00016
%RSD	35.108	8.2198	76.604	370.81	33.604	109.43	19.191
#1	.00039	Q.00066	Q.00102	.00077	.00075	-.00059	.00065
#2	.00051	Q.00075	.00044	-.00043	.00052	-.00015	.00088
#3	.00078	Q.00078	.00020	.00014	.00103	-.00005	.00095
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	.00015	-.00040	.00045	.00063	.00184	.00113	-.00201
SDev	.00109	.00020	.00054	.00023	.00405	.00232	.00240
%RSD	749.07	49.073	119.16	37.002	220.51	204.59	119.75
#1	-.00014	-.00055	.00006	.00084	.00334	.00111	Q-.00469
#2	-.00077	-.00048	.00023	.00068	.00492	-.00117	-.00005
#3	.00135	-.00018	.00107	.00038	-.00275	.00346	-.00129
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	.00214	.00104	-.00103	-.01066	.02438	.00640	-.27095
SDev	.00046	.00329	.00414	.00217	.00546	.00351	.03218
%RSD	21.388	315.32	403.05	20.345	22.380	54.785	11.877
#1	.00242	.00434	-.00459	-.01259	.02124	.00551	-.29231
#2	.00161	-.00225	-.00201	-.01107	.02123	.00342	-.28660
#3	.00239	.00104	.00352	-.00831	.03068	.01026	-.23394
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	.01890	.00299	.00047	-.00560	.00028	-.00187	-.00242
SDev	.29248	.00048	.00072	.00511	.00109	.00272	.00340
%RSD	1547.1	16.210	154.13	91.262	387.96	145.97	140.23
#1	-.10346	Q.00354	-.00030	-.00950	.00111	-.00212	-.00632
#2	-.19252	.00265	.00058	-.00748	.00068	.00098	-.00090
#3	.35270	.00277	.00112	.00019	-.00095	-.00445	-.00095
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	.00167	.00205
SDev	.00424	.00153
%RSD	254.35	74.945
#1	.00242	.00207
#2	-.00290	.00357
#3	.00548	.00050
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	34880	--	--	--	--	--	--
SDev	415.8135	--	--	--	--	--	--
%RSD	1.192126	--	--	--	--	--	--
#1	35146	--	--	--	--	--	--
#2	35094	--	--	--	--	--	--
#3	34401	--	--	--	--	--	--

Analysis Report 08/12/04 08:36:35 PM

Method: EPA3 Sample Name: N74828-1 Operator:
Run Time: 08/12/04 20:28:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37167	.00044	.00028	.00428	.00988	.04254	3.9981
SDev	.00078	.00005	.00036	.00044	.00016	.00036	.0022
%RSD	.21013	10.523	130.85	10.257	1.6297	.84151	.05402
#1	.37169	.00049	-.00000	.00429	.01002	.04264	4.0003
#2	.37244	.00044	.00069	.00383	.00992	.04283	3.9980
#3	.37088	.00039	.00014	.00471	.00971	.04214	3.9960
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	.02273	-.00003	.01067	.14646	.00292	-.00154	.00569
SDev	.00111	.00045	.00033	.00038	.00097	.00572	.00265
%RSD	4.8649	1781.8	3.1076	.25802	33.407	371.02	46.606
#1	.02394	.00009	.01070	.14683	.00350	.00023	.00282
#2	.02178	-.00052	.01099	.14608	.00346	.00308	.00622
#3	.02247	.00036	.01033	.14647	.00179	-.00793	.00805
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	.00197	.00178	5.9011	73.064	13.758	29.875	9.1697
SDev	.00151	.00374	.0076	.064	.031	.042	.0146
%RSD	76.731	209.70	.12847	.08818	.22854	.13970	.15887
#1	.00351	.00131	5.9072	73.128	13.795	29.913	9.1531
#2	.00190	-.00170	5.9036	72.999	13.742	29.883	9.1757
#3	.00049	.00573	5.8927	73.066	13.739	29.830	9.1804
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	194.85	.00186	-.00126	15.268	.00120	.00433	.00598
SDev	.33	.00129	.00052	.017	.00111	.00309	.00244
%RSD	.16699	69.343	41.590	.11113	92.298	71.341	40.790
#1	194.64	.00076	-.00067	15.279	.00220	.00091	.00338
#2	195.23	.00328	-.00167	15.276	.00001	.00518	.00635
#3	194.69	.00153	-.00144	15.248	.00140	.00691	.00822
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	.00333	.00094
SDev	.00507	.00420
%RSD	152.33	448.13
#1	-.00174	.00578
#2	.00840	-.00169
#3	.00333	-.00128
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	34670	--	--	--	--	--	--
SDev	63.57162	--	--	--	--	--	--
%RSD	.1833628	--	--	--	--	--	--
#1	34599	--	--	--	--	--	--
#2	34688	--	--	--	--	--	--
#3	34722	--	--	--	--	--	--

Analysis Report 08/12/04 08:44:17 PM

Method: EPA3 Sample Name: N74828-2 Operator:
Run Time: 08/12/04 20:36:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.81862	.00354	-.00085	.03732	.07204	.18226	6.7066
SDev	.01015	.00002	.00007	.00066	.00104	.00227	.0818
%RSD	1.2397	.64094	8.0547	1.7677	1.4414	1.2433	1.2198
#1	.80693	.00354	-.00090	.03680	.07099	.17967	6.6123
#2	.82513	.00357	-.00077	.03806	.07307	.18323	6.7594
#3	.82380	.00353	-.00087	.03710	.07207	.18389	6.7480
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	.08323	.00051	.09732	.27561	.01347	-.00340	.15085
SDev	.00129	.00048	.00209	.00307	.00418	.00338	.00136
%RSD	1.5491	95.029	2.1488	1.1124	31.042	99.325	.90439
#1	.08217	.00103	.09493	.27216	.01739	-.00444	.14974
#2	.08467	.00040	.09880	.27804	.00907	.00037	.15044
#3	.08286	.00009	.09823	.27662	.01395	-.00614	.15238
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	-.00077	-.00245	52.934	72.664	64.324	40.728	15.566
SDev	.00088	.00145	.627	.903	.817	.519	.175
%RSD	113.79	59.340	1.1845	1.2421	1.2697	1.2735	1.1221
#1	-.00099	-.00089	52.210	71.625	63.388	40.131	15.364
#2	.00020	-.00269	53.304	73.253	64.894	41.071	15.676
#3	-.00152	-.00377	53.288	73.114	64.689	40.981	15.657
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	77.207	.00573	-.00667	H64.749	.00713	.15337	.14919
SDev	.803	.00066	.00165	.814	.00230	.00199	.00217
%RSD	1.0399	11.526	24.726	1.2570	32.180	1.2970	1.4548
#1	76.280	.00502	-.00583	H63.811	.00524	.15157	.14843
#2	77.656	.00583	-.00561	H65.264	.00647	.15551	.14750
#3	77.684	.00633	-.00857	H65.172	.00968	.15304	.15164
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	-.00479	.00091
SDev	.00157	.00196
%RSD	32.737	214.65
#1	-.00572	.00105
#2	-.00568	.00280
#3	-.00298	-.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	36848	--	--	--	--	--	--
SDev	286.8983	--	--	--	--	--	--
%RSD	.7785995	--	--	--	--	--	--
#1	37179	--	--	--	--	--	--
#2	36676	--	--	--	--	--	--
#3	36689	--	--	--	--	--	--

Analysis Report

08/12/04 08:51:58 PM

Method: EPA3 Sample Name: N74828-3 Operator:
Run Time: 08/12/04 20:44:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1574	.00475	-.00041	.05690	.09784	.33726	10.082
SDev	.0031	.00003	.00034	.00063	.00034	.00184	.048
%RSD	.26857	.71329	82.633	1.1092	.35034	.54638	.47634
#1	1.1538	.00472	-.00009	.05619	.09746	.33515	10.027
#2	1.1590	.00479	-.00077	.05710	.09796	.33857	10.109
#3	1.1594	.00475	-.00037	.05740	.09811	.33806	10.111
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	.12009	.00104	.13657	.40774	.01929	-.00912	.36916
SDev	.00197	.00035	.00089	.00269	.00403	.00126	.00348
%RSD	1.6361	33.749	.65257	.66007	20.904	13.830	.94228
#1	.11794	.00064	.13559	.40469	.02008	L-.01031	.36597
#2	.12180	.00126	.13678	.40976	.01492	-.00780	.36864
#3	.12052	.00124	.13733	.40879	.02287	-.00927	.37287
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	-.00085	71.917	91.959	97.866	60.307	17.018
SDev	.00129	.00232	.323	.505	.577	.304	.062
%RSD	95.873	273.79	.44894	.54921	.58933	.50452	.36437
#1	.00260	.00179	71.546	91.376	97.201	59.956	16.946
#2	.00140	-.00178	72.131	92.244	98.226	60.500	17.049
#3	.00003	-.00255	72.075	92.258	98.171	60.464	17.058
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	82.813	.00550	-.00969	H70.508	.00962	.37514	.36580
SDev	.276	.00062	.00128	.320	.00104	.00369	.00346
%RSD	.33336	11.306	13.244	.45424	10.803	.98337	.94545
#1	82.497	.00505	-.01112	H70.138	.00848	.37124	.36298
#2	82.940	.00524	-.00863	H70.705	.01052	.37560	.36477
#3	83.003	.00621	-.00932	H70.680	.00986	.37857	.36966
Errors	LC Pass	LC Pass	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK

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High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.00013	.00166
SDev	.00040	.00201
%RSD	304.33	121.25
#1	.00021	.00352
#2	-.00030	.00193
#3	.00048	-.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	38078	--	--	--	--	--	--
SDev	98.73211	--	--	--	--	--	--
%RSD	.2592864	--	--	--	--	--	--
#1	38186	--	--	--	--	--	--
#2	37991	--	--	--	--	--	--
#3	38058	--	--	--	--	--	--

Analysis Report

08/12/04 08:59:40 PM

Method: EPA3 Sample Name: MP26767-MB1 Operator:
Run Time: 08/12/04 20:52:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00093	.00002	.00010	.00012	.00073	.00063	.00320
SDev	.00009	.00003	.00032	.00123	.00101	.00068	.00070
%RSD	9.9743	159.64	319.97	999.08	138.70	108.80	21.892
#1	.00094	.00003	.00047	.00154	.00185	.00140	.00395
#2	.00083	-.00002	-.00012	-.00053	-.00010	.00010	.00311
#3	.00102	.00004	-.00005	-.00064	.00043	.00039	.00255
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	.00002	.00040	.00170	.00263	.00147	-.00173
SDev	.00127	.00065	.00043	.00079	.00227	.00238	.00206
%RSD	198.83	2854.6	106.74	46.548	86.499	161.97	119.12
#1	.00209	.00077	.00073	.00260	.00049	-.00052	-.00261
#2	-.00028	-.00033	-.00009	.00129	H.00502	.00083	.00063
#3	.00010	-.00037	.00057	.00119	.00237	.00410	L-.00321
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	.00135	H.00589	.00445	.02835	.04151	.01304	-.33116
SDev	.00093	.00732	.00698	.00519	.00936	.00728	.00484
%RSD	68.966	124.23	156.76	18.311	22.539	55.840	1.4618
#1	.00028	H.01347	.01219	.03433	.05079	.02096	-.32559
#2	.00194	-.00114	.00255	.02568	.04165	.01153	-.33354
#3	.00184	H.00535	-.00138	.02503	.03208	.00663	-.33435
Errors	LC Pass	LC High	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	.51929	.00073	.00037	.03249	-.00008	-.00337	-.00137
SDev	.24563	.00113	.00295	.00692	.00138	.00127	.00244
%RSD	47.300	155.45	804.63	21.289	1739.7	37.534	177.82
#1	.79461	.00099	.00357	.04036	.00017	-.00412	-.00220
#2	.32261	.00171	-.00224	.02971	-.00156	-.00191	.00137
#3	.44066	-.00051	-.00023	.02739	.00115	-.00410	-.00328
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	-.00486	.00413
SDev	.00197	.00236
%RSD	40.611	57.104
#1	-.00260	.00142
#2	-.00626	.00570
#3	-.00572	.00528
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	34711	--	--	--	--	--	--
SDev	299.2223	--	--	--	--	--	--
%RSD	.8620338	--	--	--	--	--	--
#1	35050	--	--	--	--	--	--
#2	34602	--	--	--	--	--	--
#3	34482	--	--	--	--	--	--

Analysis Report 08/12/04 09:07:22 PM

Method: EPA3 Sample Name: MP26767-LC1 Operator:
Run Time: 08/12/04 20:59:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50142	.49279	.48700	.49142	.48921	.50531	.49873
SDev	.00126	.00531	.00601	.00511	.00466	.00117	.00454
%RSD	.25070	1.0778	1.2348	1.0409	.95287	.23214	.91091
#1	.50122	.48702	.48027	.48618	.48427	.50526	.49373
#2	.50277	.49390	.48886	.49169	.48984	.50652	.49985
#3	.50028	.49746	.49186	.49640	.49353	.50417	.50260
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	.49067	.19688	.49194	.49377	.48705	.48628	.48971
SDev	.00563	.00113	.00500	.00765	.00541	.00146	.00673
%RSD	1.1477	.57468	1.0172	1.5498	1.1108	.29994	1.3751
#1	.48731	.19624	.48616	.48572	.48081	.48460	.48205
#2	.48753	.19621	.49479	.49464	.49050	.48718	.49238
#3	.49717	.19818	.49486	.50095	.48983	.48707	.49470
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	.46328	.48694	4.7088	5.1862	5.1240	5.2909	4.7376
SDev	.00435	.00518	.0081	.0636	.0409	.0350	.0128
%RSD	.93809	1.0634	.17142	1.2268	.79862	.66161	.26924
#1	.45906	.48157	4.7021	5.1179	5.0802	5.2544	4.7242
#2	.46305	.48735	4.7178	5.1967	5.1305	5.2943	4.7495
#3	.46774	.49190	4.7066	5.2438	5.1613	5.3242	4.7392
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	5.0423	.50568	L-.00421	H.28873	H.00166	.50191	.48316
SDev	.2042	.00586	.00253	.00241	.00358	.02427	.01036
%RSD	4.0504	1.1583	60.112	.83460	216.35	4.8347	2.1433
#1	5.1790	.49895	L-.00277	H.29035	L-.00132	.48207	.48162
#2	4.8076	.50962	L-.00714	H.28596	H.00563	.52897	.47366
#3	5.1404	.50846	L-.00273	H.28988	H.00065	.49470	.4942[illegible]
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	.46998	.45959
SDev	.01597	.00880
%RSD	3.3980	1.9156
#1	.45612	.46019
#2	.48744	.45050
#3	.46638	.46808
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	34903	--	--	--	--	--	--
SDev	201.6483	--	--	--	--	--	--
%RSD	.5777448	--	--	--	--	--	--
#1	34841	--	--	--	--	--	--
#2	34739	--	--	--	--	--	--
#3	35128	--	--	--	--	--	--

Analysis Report 08/12/04 09:15:03 PM

Method: EPA3 Sample Name: MP26767-S1 Operator:
Run Time: 08/12/04 21:07:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9856	.04916	.04846	.48163	.19403	.26364	.50119
SDev	.0074	.00013	.00066	.00116	.00052	.00138	.00138
%RSD	.37330	.26881	1.3639	.24167	.26954	.52377	.27532
#1	1.9925	.04926	.04781	.48272	.19463	.26519	.50251
#2	1.9864	.04922	.04913	.48175	.19383	.26321	.50131
#3	1.9778	.04901	.04846	.48040	.19364	.26253	.49976
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	.48673	.04950	.48600	.49486	1.9096	1.9397	.48921
SDev	.00097	.00028	.00216	.00152	.0087	.0100	.00404
%RSD	.19994	.56961	.44390	.30652	.45698	.51318	.82616
#1	.48569	.04921	.48803	.49623	1.9186	1.9366	.48830
#2	.48687	.04977	.48623	.49512	1.9011	1.9508	.49363
#3	.48762	.04952	.48374	.49323	1.9090	1.9316	.48570
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	1.8585	.48598	1.9480	36.126	.98771	27.941	26.507
SDev	.0055	.00203	.0076	.089	.00236	.038	.126
%RSD	.29553	.41695	.39211	.24669	.23933	.13574	.47697
#1	1.8576	.48561	1.9561	36.196	.99035	27.971	26.628
#2	1.8644	.48817	1.9470	36.157	.98699	27.954	26.518
#3	1.8535	.48417	1.9409	36.026	.98579	27.898	26.376
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	36.553	.00019	-.00176	19.498	-.00084	.49026	.48835
SDev	.009	.00048	.00032	.046	.00063	.00274	.00494
%RSD	.02572	247.65	18.408	.23438	75.006	.55919	1.0120
#1	36.558	-.00016	-.00158	19.536	-.00066	.48812	.48805
#2	36.559	.00000	-.00213	19.511	-.00154	.49335	.49343
#3	36.542	.00074	-.00156	19.447	-.00032	.48931	.48356
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

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High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	1.8741	1.8504
SDev	.0025	.0074
%RSD	.13380	.40125
#1	1.8759	1.8482
#2	1.8752	1.8587
#3	1.8712	1.8443
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	34570	--	--	--	--	--	--
SDev	59.50491	--	--	--	--	--	--
%RSD	.1721294	--	--	--	--	--	--
#1	34507	--	--	--	--	--	--
#2	34577	--	--	--	--	--	--
#3	34626	--	--	--	--	--	--

Analysis Report 08/12/04 09:22:44 PM

Method: EPA3 Sample Name: MP26767-S2 Operator:
Run Time: 08/12/04 21:15:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0110	.05001	.04958	.49155	.19761	.26616	.50997
SDev	.0019	.00016	.00032	.00064	.00033	.00092	.00060
%RSD	.09405	.32372	.63814	.12954	.16905	.34532	.11792
#1	2.0107	.05016	.04935	.49185	.19757	.26533	.51059
#2	2.0130	.05002	.04994	.49082	.19729	.26715	.50993
#3	2.0093	.04984	.04945	.49199	.19796	.26600	.50938
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	.49953	.05016	.49357	.50608	1.9446	1.9655	.49966
SDev	.00242	.00023	.00156	.00064	.0041	.0123	.00318
%RSD	.48376	.46452	.31702	.12629	.21337	.62821	.63677
#1	.50122	.04995	.49489	.50680	1.9441	1.9706	.50223
#2	.50060	.05041	.49399	.50585	1.9407	1.9745	.49610
#3	.49676	.05011	.49184	.50559	1.9490	1.9514	.50065
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	1.8843	.49385	1.9706	36.645	1.0028	28.202	26.554
SDev	.0103	.00383	.0021	.079	.0143	.039	.013
%RSD	.54724	.77596	.10708	.21626	1.4212	.13942	.05044
#1	1.8890	.49445	1.9727	36.716	1.0149	28.238	26.560
#2	1.8725	.48976	1.9706	36.659	1.0064	28.207	26.565
#3	1.8914	.49735	1.9685	36.560	.98711	28.160	26.539
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	36.618	.00068	-.00165	19.723	.00007	.50038	.49890
SDev	.039	.00039	.00086	.023	.00176	.00090	.00468
%RSD	.10752	57.381	52.084	.11633	2561.6	.17923	.93804
#1	36.654	.00106	-.00192	19.729	-.00163	.50130	.50227
#2	36.576	.00072	-.00235	19.743	-.00005	.50034	.49356
#3	36.624	.00028	-.00069	19.698	.00189	.49951	.50088
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

300

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	1.8941	1.8791
SDev	.0045	.0144
%RSD	.23509	.76774
#1	1.8991	1.8836
#2	1.8908	1.8630
#3	1.8922	1.8907
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	34447	--	--	--	--	--	--
SDev	167.0930	--	--	--	--	--	--
%RSD	.4850774	--	--	--	--	--	--
#1	34398	--	--	--	--	--	--
#2	34633	--	--	--	--	--	--
#3	34310	--	--	--	--	--	--

Analysis Report 08/12/04 09:30:26 PM

Method: EPA3 Sample Name: N74646-2 Operator:
Run Time: 08/12/04 21:22:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00219	.00000	.00005	-.00083	.00056	.01114	.00821
SDev	.00018	.00004	.00009	.00045	.00027	.00026	.00004
%RSD	8.2943	9179.5	184.34	53.872	48.250	2.3611	.51544
#1	.00240	.00005	.00004	-.00031	.00026	.01141	.00824
#2	.00207	-.00001	-.00003	-.00109	.00077	.01111	.00816
#3	.00209	-.00004	.00014	-.00108	.00066	.01089	.00822
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	.00370	-.00049	.00052	.01052	.00192	.00208	.00819
SDev	.00187	.00026	.00106	.00005	.00258	.00410	.00190
%RSD	50.582	53.387	202.54	.44537	134.66	196.67	23.241
#1	.00575	-.00020	.00156	.01048	.00192	.00410	.00802
#2	.00209	-.00056	-.00057	.01050	.00451	.00478	.01017
#3	.00326	-.00071	.00058	.01057	-.00066	-.00263	.00637
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	.00260	.00684	-.00927	11.819	.06897	3.4222	.39233
SDev	.00175	.00360	.00084	.024	.00254	.0017	.00372
%RSD	67.385	52.651	9.0452	.20577	3.6761	.05047	.94913
#1	.00194	.00813	-.00832	11.843	.06605	3.4233	.39347
#2	.00127	.00277	-.00989	11.795	.07045	3.4202	.38817
#3	.00459	.00962	-.00961	11.818	.07042	3.4231	.39535
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	11.046	.00010	.00016	20.128	.00117	.00807	.00790
SDev	.115	.00022	.00152	.040	.00333	.00509	.00180
%RSD	1.0373	229.77	964.44	.19991	284.12	63.096	22.754
#1	11.173	.00006	.00035	20.174	.00044	.01137	.00600
#2	11.013	-.00011	-.00145	20.097	-.00173	.01065	.00958
#3	10.951	.00033	.00157	20.114	.00481	.00221	.00811
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	.00362
SDev	.00589	.00034
%RSD	13819.	9.5249
#1	-.00257	.00390
#2	-.00425	.00373
#3	.00669	.00324
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	34698	--	--	--	--	--	--
SDev	53.63338	--	--	--	--	--	--
%RSD	.1545726	--	--	--	--	--	--
#1	34750	--	--	--	--	--	--
#2	34700	--	--	--	--	--	--
#3	34643	--	--	--	--	--	--

Analysis Report 08/12/04 09:38:07 PM

Method: EPA3 Sample Name: MP26767-SD1 Operator:
Run Time: 08/12/04 21:30:29
Comment:
Mode: CONC Corr. Factor: 5

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00358	-.00008	-.00061	-.00339	.01423	.01044	.00991
SDev	.00062	.00010	.00101	.00140	.00233	.00118	.00052
%RSD	17.410	128.64	164.99	41.157	16.405	11.347	5.2610
#1	.00430	.00004	-.00039	-.00320	.01154	.00996	.01044
#2	.00328	-.00014	.00027	-.00210	.01554	.00957	.00939
#3	.00317	-.00014	-.00172	-.00488	.01562	.01179	.00991
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	.01457	-.00097	.00342	.02831	.00985	L-.01135	.01705
SDev	.00230	.00045	.00129	.00437	.00609	.02167	.01600
%RSD	15.762	46.545	37.545	15.426	61.842	190.95	93.848
#1	.01259	-.00069	.00455	.02366	.01665	-.00327	-.00125
#2	.01404	-.00073	.00202	.03232	.00801	.00512	.02843
#3	.01709	-.00149	.00370	.02894	.00489	L-.03590	.02397
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	.00107	-.00407	-.09228	11.868	.18074	3.4426	-.69892
SDev	.00900	.01851	.01924	.013	.01823	.0005	.06380
%RSD	838.88	455.13	20.849	.10704	10.086	.01319	9.1286
#1	L-.00664	.00552	-.07781	11.882	.19466	3.4431	-.62552
#2	.01096	L-.02540	-.08491	11.863	.16011	3.4425	-.73021
#3	-.00110	.00768	-.11411	11.858	.18745	3.4423	-.74105
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	10.795	.00185	-.00449	20.224	.00895	.02405	.01152
SDev	.317	.01073	.00203	.069	.01097	.01371	.01894
%RSD	2.9361	580.08	45.292	.34073	122.54	57.024	164.37
#1	11.054	-.00477	-.00398	20.303	.01283	.01024	-.00874
#2	10.891	.01423	-.00276	20.182	.01744	.02423	.02879
#3	10.442	-.00390	-.00673	20.186	-.00343	.03767	.01451
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	.00811	-.00404
SDev	.00150	.01327
%RSD	18.483	328.80
#1	.00872	-.01585
#2	.00921	.01033
#3	.00640	-.00659
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	34556	--	--	--	--	--	--
SDev	156.1173	--	--	--	--	--	--
%RSD	.4517840	--	--	--	--	--	--
#1	34393	--	--	--	--	--	--
#2	34704	--	--	--	--	--	--
#3	34570	--	--	--	--	--	--

Analysis Report QC Standard 08/12/04 09:50:38 PM

Method: EPA3 Sample Name: CCV Operator:
Run Time: 08/12/04 21:38:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0320	1.9975	1.9392	1.9592	1.9744	2.0261	1.9836
SDev	.0379	.0351	.0357	.0340	.0345	.0387	.0362
%RSD	1.8645	1.7592	1.8388	1.7340	1.7492	1.9115	1.8267
#1	2.0753	2.0371	1.9794	1.9973	2.0133	2.0706	2.0244
#2	2.0049	1.9702	1.9114	1.9320	1.9473	1.9999	1.9554
#3	2.0158	1.9851	1.9267	1.9485	1.9627	2.0079	1.9708
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Ni2316	Ag3280	V 2924	Zn2062	As1890	Tl1908	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9665	.25488	1.9763	1.9375	1.9677	1.9699	1.9545
SDev	.0367	.00431	.0380	.0347	.0367	.0390	.0294
%RSD	1.8658	1.6904	1.9226	1.7895	1.8666	1.9792	1.5056
#1	2.0065	.25960	2.0191	1.9764	2.0089	2.0129	1.9884
#2	1.9345	.25116	1.9464	1.9098	1.9383	1.9368	1.9359
#3	1.9585	.25389	1.9634	1.9263	1.9560	1.9601	1.9390
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Se1960	Sb2068	Al3082	Ca3179	Fe2714	Mg2790	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9573	1.9776	39.929	38.578	39.550	39.573	40.776
SDev	.0266	.0368	.731	.669	.737	.697	.660
%RSD	1.3613	1.8629	1.8299	1.7343	1.8633	1.7607	1.6179
#1	1.9861	2.0179	40.755	39.327	40.374	40.358	41.521
#2	1.9336	1.9457	39.366	38.038	38.956	39.030	40.266
#3	1.9521	1.9691	39.667	38.371	39.318	39.330	40.540
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Na3302	Mo2020	Pd3404	Si2881	Sn1899	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	41.056	1.9990	1.9976	5.1213	1.9765	1.9655	1.9486
SDev	.697	.0324	.0368	.0917	.0366	.0254	.0314
%RSD	1.6988	1.6207	1.8442	1.7907	1.8515	1.2931	1.6136
#1	41.816	2.0348	2.0388	5.2246	2.0165	1.9946	1.9849
#2	40.444	1.9718	1.9680	5.0497	1.9446	1.9476	1.9298
#3	40.909	1.9903	1.9859	5.0895	1.9684	1.9542	1.9311
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK

Value		
Range		
Elem	1960/1	1960/2
Units	ppm	ppm
Avge	1.9647	1.9532
SDev	.0169	.0325
%RSD	.85939	1.6661
#1	1.9783	1.9897
#2	1.9458	1.9272
#3	1.9701	1.9428
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	34314	--	--	--	--	--	--
SDev	369.8973	--	--	--	--	--	--
%RSD	1.077965	--	--	--	--	--	--
#1	33891	--	--	--	--	--	--
#2	34576	--	--	--	--	--	--
#3	34476	--	--	--	--	--	--

Analysis Report QC Standard 08/12/04 10:03:04 PM

Method: EPA3 Sample Name: CCB
Run Time: 08/12/04 21:55:26 Operator:
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00049	.00048	.00049	-.00040	.00049	-.00038	.00053
SDev	.00040	.00026	.00034	.00050	.00055	.00019	.00029
%RSD	80.813	53.555	67.919	124.37	112.28	49.546	53.984
#1	.00086	Q.00076	.00083	-.00045	.00109	-.00054	.00085
#2	.00054	.00046	.00049	.00012	.00001	-.00042	.00042
#3	.00007	.00024	.00016	-.00087	.00037	-.00017	.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	.00050	.00003	.00053	.00082	.00110	.00234	.00053
SDev	.00161	.00074	.00047	.00046	.00063	.00426	.00188
%RSD	319.17	2165.7	88.372	56.212	57.395	182.60	350.74
#1	.00134	.00048	.00100	.00107	.00051	-.00236	.00265
#2	.00153	-.00082	.00007	.00111	.00177	.00341	-.00012
#3	-.00135	.00045	.00052	.00029	.00104	.00596	-.00093
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	.00190	-.00186	-.01495	-.01684	.01432	.00838	-.26924
SDev	.00174	.00282	.00593	.00527	.01541	.01070	.02439
%RSD	91.540	151.63	39.658	31.322	107.64	127.68	9.0577
#1	-.00008	-.00089	-.00824	-.01102	.02505	.02073	-.26905
#2	.00319	.00035	-.01717	-.01820	.02124	.00277	-.24495
#3	.00259	Q-.00503	-.01946	-.02130	-.00334	.00165	-.29372
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	-.39565	.00043	.00088	-.01105	.00217	-.00120	.00101
SDev	.03559	.00118	.00151	.00161	.00198	.00604	.00312
%RSD	8.9965	275.97	171.06	14.591	91.179	502.18	308.52
#1	-.41330	.00133	.00255	-.01276	.00351	.00302	.00197
#2	-.35468	-.00090	.00047	-.01080	.00311	-.00812	.00354
#3	-.41897	.00085	-.00037	-.00957	-.00010	.00150	-.0024
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

1308

Value	.00000	.00000	.00000	.00000	.00000
Range	.50940	.00300	.08100	.02300	.00690

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.00654	-.00074
SDev	.00187	.00349
%RSD	28.579	469.20
#1	.00864	-.00477
#2	.00594	.00147
#3	.00505	.00107
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	35581	--	--	--	--	--	--
SDev	519.8048	--	--	--	--	--	--
%RSD	1.460903	--	--	--	--	--	--
#1	35958	--	--	--	--	--	--
#2	34988	--	--	--	--	--	--
#3	35798	--	--	--	--	--	--

Analysis Report

08/12/04 10:10:45 PM

Method: EPA3 Sample Name: N74646-1
Run Time: 08/12/04 22:03:08 Operator:
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00519	.00007	-.00031	-.00072	.00003	.00032	.01899
SDev	.00006	.00001	.00034	.00015	.00049	.00046	.00019
%RSD	1.0557	18.199	110.26	21.604	1861.9	144.20	1.0280
#1	.00523	.00008	-.00034	-.00086	.00044	.00076	.01921
#2	.00521	.00006	-.00063	-.00055	-.00052	-.00015	.01884
#3	.00512	.00006	.00005	-.00074	.00016	.00034	.01891
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	.00195	-.00061	.00007	.01947	.00131	-.00356	.00006
SDev	.00076	.00052	.00008	.00025	.00600	.00765	.00342
%RSD	39.202	85.280	109.69	1.3068	457.46	214.65	5642.3
#1	.00126	-.00017	.00014	.01953	-.00224	.00516	-.00038
#2	.00182	-.00118	.00010	.01969	.00823	-.00673	L-.00311
#3	.00277	-.00048	-.00002	.01919	-.00206	-.00912	.00368
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	.00194	.00137	-.01303	34.999	.17897	5.5969	.84950
SDev	.00225	.00152	.00234	.152	.03868	.0166	.06301
%RSD	115.92	110.74	17.982	.43349	21.614	.29631	7.4171
#1	.00453	-.00034	-.01092	35.156	.18033	5.6160	.88816
#2	.00089	.00256	-.01555	34.854	.13962	5.5867	.77679
#3	.00041	.00190	-.01261	34.986	.21695	5.5879	.88353
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	9.8829	.00090	-.00123	14.720	-.00309	.00280	-.00183
SDev	.1882	.00142	.00154	.050	.00259	.00615	.00735
%RSD	1.9039	158.42	125.35	.34020	83.865	219.72	402.58
#1	10.090	.00050	-.00104	14.773	-.00370	-.00243	.00011
#2	9.7232	-.00029	-.00284	14.674	-.00531	.00958	-.00996
#3	9.8353	.00247	.00021	14.713	-.00025	.00125	.00436
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

1310

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	-.00041	.00277
SDev	.00495	.00335
%RSD	1199.1	120.93
#1	.00114	.00587
#2	.00357	-.00079
#3	-.00595	.00324
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	34781	--	--	--	--	--	--
SDev	1039.106	--	--	--	--	--	--
%RSD	2.987584	--	--	--	--	--	--
#1	34130	--	--	--	--	--	--
#2	35979	--	--	--	--	--	--
#3	34233	--	--	--	--	--	--

Analysis Report 08/12/04 10:18:27 PM

Method: EPA3 Sample Name: N74646-3 Operator:
Run Time: 08/12/04 22:10:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01886	-.00001	.00011	-.00005	.00012	.00898	.53308
SDev	.00007	.00001	.00022	.00049	.00016	.00031	.00485
%RSD	.36596	107.70	190.10	1044.8	133.76	3.4811	.90962
#1	.01891	-.00000	-.00014	-.00026	-.00006	.00929	.53865
#2	.01890	-.00001	.00024	.00051	.00017	.00898	.52982
#3	.01879	-.00002	.00024	-.00039	.00025	.00866	.53078
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	-.00031	-.00062	.00062	.95808	.00133	.00049	.00211
SDev	.00149	.00032	.00025	.00755	.00196	.00255	.00111
%RSD	477.24	50.672	40.867	.78825	147.77	517.43	52.642
#1	.00110	-.00092	.00040	.96673	-.00094	.00136	.00204
#2	-.00017	-.00029	.00089	.95473	.00239	.00249	.00325
#3	-.00187	-.00065	.00056	.95279	.00253	-.00238	.00104
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	.00100	.00001	.00323	6.4321	.84393	1.4437	1.0491
SDev	.00271	.00202	.00279	.0535	.00246	.0114	.0269
%RSD	271.91	39715.	86.319	.83176	.29171	.78645	2.5646
#1	-.00033	.00129	.00640	6.4939	.84583	1.4565	1.0799
#2	.00412	.00105	.00116	6.4006	.84115	1.4397	1.0369
#3	-.00080	-.00233	.00213	6.4018	.84480	1.4348	1.0304
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	7.5592	.00107	-.00093	16.984	-.00083	.00154	.00186
SDev	.0372	.00036	.00096	.158	.00171	.00213	.00060
%RSD	.49166	33.445	103.94	.92853	207.29	138.30	32.471
#1	7.5656	.00146	-.00203	17.166	.00095	.00128	.00188
#2	7.5928	.00076	-.00049	16.884	-.00247	.00379	.00246
#3	7.5192	.00099	-.00026	16.903	-.00095	-.00045	.00125
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

1312

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	-.00274	.00251
SDev	.00311	.00372
%RSD	113.48	148.32
#1	-.00038	-.00066
#2	-.00158	.00661
#3	-.00626	.00158
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	33741	--	--	--	--	--	--
SDev	291.0076	--	--	--	--	--	--
%RSD	.8624730	--	--	--	--	--	--
#1	33406	--	--	--	--	--	--
#2	33892	--	--	--	--	--	--
#3	33926	--	--	--	--	--	--

Analysis Report

08/12/04 10:26:09 PM

Method: EPA3 Sample Name: N74646-4 Operator:
Run Time: 08/12/04 22:18:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00851	-.00003	-.00024	.00007	.00022	.00634	.09341
SDev	.00007	.00000	.00040	.00062	.00061	.00048	.00089
%RSD	.79212	14.139	165.24	924.15	276.26	7.5910	.95576
#1	.00845	-.00003	-.00053	.00070	.00087	.00689	.09396
#2	.00850	-.00003	.00022	.00003	.00014	.00617	.09389
#3	.00858	-.00002	-.00042	-.00053	-.00034	.00597	.09238
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	.00220	-.00049	.00048	.01635	.00322	.00100	-.00045
SDev	.00024	.00058	.00081	.00045	.00216	.00164	.00116
%RSD	10.891	116.81	167.81	2.7674	67.187	163.96	258.32
#1	.00193	-.00077	.00087	.01674	.00287	.00205	-.00178
#2	.00238	.00017	.00103	.01645	.00554	.00184	.00010
#3	.00230	-.00088	-.00045	.01585	.00126	-.00089	.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	.00297	.00092	-.01164	5.7819	.38530	3.5585	1.1894
SDev	.00030	.00022	.00290	.0508	.00804	.0330	.0269
%RSD	10.270	23.615	24.927	.87835	2.0854	.92719	2.2576
#1	.00332	.00068	-.00914	5.8111	.38168	3.5759	1.2089
#2	.00274	.00110	-.01095	5.8114	.39451	3.5790	1.2006
#3	.00284	.00098	-.01482	5.7233	.37971	3.5204	1.1588
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	8.2386	.00087	-.00147	19.925	.00025	.00065	-.00144
SDev	.1474	.00022	.00127	.158	.00451	.00335	.00183
%RSD	1.7890	25.548	86.090	.79330	1794.7	517.94	126.82
#1	8.3655	.00091	-.00012	20.011	.00476	-.00093	-.00273
#2	8.2735	.00107	-.00167	20.021	-.00426	-.00162	.00065
#3	8.0770	.00063	-.00264	19.742	.00026	.00449	-.0022[illegible]
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

1314

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	.00000	.00412
SDev	.00488	.00217
%RSD	119860.	52.797
#1	.00314	.00305
#2	-.00561	.00662
#3	.00248	.00268
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	34711	--	--	--	--	--	--
SDev	303.4068	--	--	--	--	--	--
%RSD	.8740959	--	--	--	--	--	--
#1	34419	--	--	--	--	--	--
#2	34689	--	--	--	--	--	--
#3	35025	--	--	--	--	--	--

Analysis Report 08/12/04 10:33:50 PM

Method: EPA3 Sample Name: N74646-5 Operator:
Run Time: 08/12/04 22:26:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00148	-.00003	-.00002	-.00123	-.00013	.13129	.00469
SDev	.00011	.00002	.00035	.00085	.00054	.00027	.00005
%RSD	7.5642	57.144	1504.2	69.260	405.78	.20474	1.0037
#1	.00150	-.00001	.00035	-.00030	-.00025	.13100	.00469
#2	.00158	-.00005	-.00035	-.00141	.00046	.13135	.00465
#3	.00136	-.00004	-.00007	-.00198	-.00061	.13153	.00474
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	.00187	-.00059	.00152	.36439	.00037	.00188	.01476
SDev	.00108	.00035	.00010	.00145	.00162	.00740	.00159
%RSD	57.913	58.512	6.8277	.39851	437.47	393.45	10.784
#1	.00266	-.00020	.00158	.36573	.00222	.00170	.01450
#2	.00231	-.00074	.00140	.36285	-.00030	-.00543	.01646
#3	.00064	-.00084	.00157	.36458	-.00081	.00936	.01331
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	.00285	.00317	-.00108	34.525	.06734	9.0960	.59486
SDev	.00516	.00387	.00106	.129	.01178	.0236	.01297
%RSD	180.89	122.24	98.287	.37411	17.491	.25967	2.1800
#1	.00882	-.00114	-.00015	34.521	.07902	9.0968	.60142
#2	-.00010	.00635	-.00085	34.398	.06754	9.0721	.57992
#3	-.00015	.00429	-.00223	34.656	.05547	9.1193	.60323
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	10.950	.00320	-.00128	11.741	.00088	.01625	.01354
SDev	.118	.00078	.00102	.035	.00223	.00128	.00262
%RSD	1.0822	24.302	79.831	.30127	252.90	7.8539	19.308
#1	11.069	.00395	-.00012	11.740	-.00157	.01770	.01237
#2	10.832	.00325	-.00167	11.706	.00279	.01527	.01654
#3	10.947	.00240	-.00204	11.777	.00142	.01580	.0117
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

1316

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	.00113	.00339
SDev	.00693	.00513
%RSD	615.15	151.50
#1	.00793	.00891
#2	-.00593	.00246
#3	.00138	-.00122
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	34474	--	--	--	--	--	--
SDev	172.8818	--	--	--	--	--	--
%RSD	.5014827	--	--	--	--	--	--
#1	34403	--	--	--	--	--	--
#2	34671	--	--	--	--	--	--
#3	34348	--	--	--	--	--	--

Analysis Report 08/12/04 10:41:31 PM

Method: EPA3 Sample Name: N74646-6 Operator:
Run Time: 08/12/04 22:33:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00166	-.00000	.00003	-.00060	.00052	.01018	.00802
SDev	.00013	.00000	.00026	.00034	.00050	.00028	.00018
%RSD	8.0696	189.99	913.40	56.110	96.181	2.7103	2.1906
#1	.00167	.00000	-.00015	-.00097	.00084	.00992	.00784
#2	.00178	-.00000	.00032	-.00053	.00078	.01047	.00819
#3	.00152	-.00001	-.00009	-.00031	-.00006	.01015	.00804
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	.00206	-.00055	.00052	.01052	-.00125	-.00256	.00705
SDev	.00139	.00026	.00042	.00035	.00104	.00097	.00176
%RSD	67.590	47.127	79.850	3.3577	83.462	37.755	24.994
#1	.00363	-.00074	.00008	.01012	-.00105	-.00148	.00624
#2	.00096	-.00066	.00091	.01065	-.00237	-.00334	.00908
#3	.00160	-.00025	.00057	.01080	-.00032	-.00286	.00584
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	.00243	.00514	-.01330	11.707	.05616	3.3850	.39392
SDev	.00077	.00151	.00236	.088	.00424	.0228	.01486
%RSD	31.881	29.457	17.710	.74749	7.5429	.67341	3.7730
#1	.00161	.00496	-.01587	11.619	.05511	3.3616	.37768
#2	.00315	.00673	-.01280	11.794	.06083	3.4071	.40686
#3	.00252	.00372	-.01124	11.708	.05255	3.3863	.39721
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	11.163	.00140	-.00163	19.930	-.00069	.00616	.00720
SDev	.110	.00025	.00060	.149	.00189	.00135	.00247
%RSD	.98984	17.994	36.995	.74714	275.01	21.851	34.262
#1	11.055	.00143	-.00221	19.771	-.00121	.00461	.00675
#2	11.276	.00114	-.00168	20.066	.00141	.00692	.00985
#3	11.160	.00164	-.00101	19.953	-.00226	.00696	.00496
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	-.00328	.00496
SDev	.00447	.00258
%RSD	136.18	52.031
#1	-.00497	.00460
#2	-.00666	.00771
#3	.00178	.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	34678	--	--	--	--	--	--
SDev	157.0382	--	--	--	--	--	--
%RSD	.4528486	--	--	--	--	--	--
#1	34858	--	--	--	--	--	--
#2	34567	--	--	--	--	--	--
#3	34609	--	--	--	--	--	--

Analysis Report 08/12/04 10:49:13 PM

Method: EPA3 Sample Name: N74646-8 Operator:
Run Time: 08/12/04 22:41:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00245	-.00002	-.00002	-.00119	.00008	.01654	.00095
SDev	.00009	.00002	.00014	.00062	.00020	.00012	.00010
%RSD	3.7501	81.316	830.15	51.629	265.26	.71744	10.296
#1	.00237	-.00002	-.00017	-.00130	.00030	.01661	.00085
#2	.00243	-.00004	.00001	-.00175	.00003	.01640	.00104
#3	.00255	-.00000	.00011	-.00053	-.00010	.01661	.00095
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	.00033	-.00072	.00068	.05702	.00136	-.00259	.00820
SDev	.00112	.00012	.00034	.00030	.00193	.00173	.00106
%RSD	341.27	16.852	50.083	.52291	141.90	66.747	12.984
#1	-.00044	-.00060	.00106	.05700	.00051	-.00413	.00742
#2	-.00019	-.00084	.00057	.05732	.00357	-.00072	.00778
#3	.00161	-.00071	.00041	.05673	.00000	-.00290	.00942
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	.00272	-.01528	23.515	.03839	5.3112	.26523
SDev	.00232	.00155	.00160	.057	.00563	.0162	.01126
%RSD	120.41	56.863	10.457	.24286	14.656	.30465	4.2452
#1	.00081	.00149	-.01712	23.461	.04284	5.2926	.25240
#2	.00038	.00446	-.01453	23.575	.03206	5.3188	.27344
#3	.00459	.00221	-.01420	23.510	.04025	5.3222	.26986
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	10.273	.00221	-.00052	16.521	-.00084	.00852	.00759
SDev	.037	.00116	.00064	.017	.00320	.00252	.00293
%RSD	.35686	52.572	123.27	.10592	380.28	29.558	38.581
#1	10.277	.00224	-.00033	16.504	.00218	.00966	.00578
#2	10.307	.00336	-.00124	16.539	-.00419	.01026	.00602
#3	10.234	.00104	.00000	16.519	-.00051	.00563	.01096
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

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High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00454	.00480
SDev	.00157	.00376
%RSD	34.582	78.422
#1	-.00274	.00224
#2	-.00564	.00304
#3	-.00524	.00912
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	34603	--	--	--	--	--	--
SDev	98.54808	--	--	--	--	--	--
%RSD	.2847969	--	--	--	--	--	--
#1	34710	--	--	--	--	--	--
#2	34517	--	--	--	--	--	--
#3	34582	--	--	--	--	--	--

Analysis Report 08/12/04 10:56:55 PM

Method: EPA3 Sample Name: N74646-9 Operator:
Run Time: 08/12/04 22:49:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03957	-.00001	-.00047	-.00111	.00012	.00100	.36621
SDev	.00059	.00002	.00025	.00067	.00041	.00083	.00520
%RSD	1.4885	239.34	53.084	60.403	344.20	83.209	1.4188
#1	.04022	.00001	-.00052	-.00119	.00022	.00184	.37220
#2	.03907	-.00000	-.00020	-.00041	.00047	.00098	.36304
#3	.03942	-.00002	-.00069	-.00174	-.00033	.00018	.36338
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	.00078	-.00065	-.00009	.27008	.00136	-.00048	.00042
SDev	.00049	.00029	.00076	.00354	.00342	.00045	.00135
%RSD	61.867	44.730	870.37	1.3093	251.22	93.410	319.67
#1	.00030	-.00085	-.00053	.27415	-.00047	-.00037	-.00013
#2	.00127	-.00031	-.00053	.26831	.00530	-.00010	-.00057
#3	.00078	-.00078	.00079	.26777	-.00075	-.00098	.00196
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	.00254	.00506	-.01014	24.987	.61939	3.7164	.29514
SDev	.00159	.00058	.00200	.378	.00679	.0503	.03066
%RSD	62.557	11.397	19.691	1.5129	1.0965	1.3527	10.389
#1	.00293	.00487	-.00879	25.423	.62723	3.7742	.33038
#2	.00390	.00460	-.00919	24.761	.61570	3.6918	.27457
#3	.00079	.00570	-.01243	24.776	.61525	3.6831	.28048
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	12.173	.00074	-.00061	23.131	-.00051	.00026	.00004
SDev	.188	.00044	.00135	.310	.00303	.00419	.00113
%RSD	1.5415	60.232	219.03	1.3390	593.96	1639.3	3015.3
#1	12.380	.00089	.00076	23.488	-.00041	.00144	-.00126
#2	12.124	.00024	-.00068	22.941	.00247	-.00439	.00082
#3	12.015	.00108	-.00193	22.962	-.00359	.00372	.00055
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	.00013	.00341
SDev	.00440	.00390
%RSD	3363.7	114.39
#1	.00409	.00203
#2	-.00461	.00781
#3	.00092	.00038
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	34169	--	--	--	--	--	--
SDev	401.4632	--	--	--	--	--	--
%RSD	1.174950	--	--	--	--	--	--
#1	33706	--	--	--	--	--	--
#2	34431	--	--	--	--	--	--
#3	34368	--	--	--	--	--	--

Analysis Report 08/12/04 11:04:36 PM

Method: EPA3 Sample Name: N74646-10 Operator:
Run Time: 08/12/04 22:56:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00308	-.00002	-.00025	-.00127	.00092	.02500	.00282
SDev	.00006	.00001	.00045	.00023	.00049	.00088	.00006
%RSD	1.9083	57.752	181.29	18.189	52.945	3.5060	2.2933
#1	.00306	-.00004	-.00028	-.00109	.00065	.02399	.00275
#2	.00315	-.00002	-.00068	-.00153	.00149	.02562	.00287
#3	.00304	-.00001	.00022	-.00120	.00063	.02538	.00285
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	.00072	-.00061	.00138	.02689	.00375	.00029	.01206
SDev	.00077	.00015	.00077	.00082	.00346	.00101	.00173
%RSD	107.28	23.962	55.882	3.0621	92.323	348.03	14.380
#1	.00108	-.00070	.00054	.02614	.00438	.00054	.01018
#2	.00123	-.00069	.00155	.02777	.00684	-.00083	.01243
#3	-.00017	-.00044	.00206	.02675	.00001	.00115	.01359
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	-.00117	.00228	-.01359	10.184	.02023	4.0620	.35750
SDev	.00141	.00364	.00229	.217	.00882	.0852	.04711
%RSD	120.72	160.02	16.846	2.1331	43.599	2.0963	13.178
#1	.00016	-.00135	-.01557	9.9348	.01988	3.9654	.30357
#2	-.00265	.00594	-.01412	10.288	.02922	4.0949	.37827
#3	-.00102	.00224	-.01108	10.330	.01159	4.1259	.39065
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	10.407	.00093	-.00135	20.603	.00122	.01135	.01190
SDev	.219	.00129	.00121	.439	.00313	.00428	.00095
%RSD	2.1033	138.42	89.833	2.1292	257.50	37.714	7.9508
#1	10.202	.00121	-.00269	20.099	-.00189	.00641	.01155
#2	10.381	-.00048	-.00033	20.811	.00437	.01388	.01118
#3	10.638	.00206	-.00103	20.898	.00116	.01377	.01298
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	-.00510	.00045
SDev	.00276	.00278
%RSD	54.167	620.45
#1	-.00748	.00364
#2	-.00575	-.00145
#3	-.00207	-.00084
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	34830	--	--	--	--	--	--
SDev	590.6164	--	--	--	--	--	--
%RSD	1.695705	--	--	--	--	--	--
#1	35492	--	--	--	--	--	--
#2	34642	--	--	--	--	--	--
#3	34357	--	--	--	--	--	--

Analysis Report 08/12/04 11:12:18 PM

Method: EPA3 Sample Name: N74646-11 Operator:
Run Time: 08/12/04 23:04:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05078	-.00001	-.00025	-.00078	.00029	.00046	.17655
SDev	.00071	.00002	.00033	.00029	.00030	.00043	.00249
%RSD	1.3936	278.38	131.24	36.538	104.25	94.529	1.4090
#1	.05127	-.00002	-.00061	-.00108	.00017	.00048	.17714
#2	.05109	.00002	.00005	-.00051	.00063	.00088	.17868
#3	.04996	-.00003	-.00019	-.00075	.00007	.00001	.17382
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	.00157	-.00035	.00033	.01620	.00247	.00242	.00155
SDev	.00123	.00016	.00050	.00040	.00325	.00495	.00091
%RSD	78.519	47.143	153.11	2.4354	131.64	204.72	58.807
#1	.00285	-.00054	-.00022	.01633	.00478	-.00191	.00142
#2	.00039	-.00024	.00045	.01652	.00388	.00134	.00252
#3	.00148	-.00026	.00076	.01576	-.00125	.00782	.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	.00119	.00706	-.01365	72.211	.09767	8.0049	1.1964
SDev	.00151	.00030	.00276	.971	.00262	.1212	.0361
%RSD	126.05	4.2117	20.222	1.3441	2.6866	1.5136	3.0202
#1	.00119	.00682	-.01476	72.414	.09849	8.0414	1.2064
#2	.00270	.00698	-.01051	73.064	.09474	8.1036	1.2265
#3	-.00031	.00739	-.01569	71.155	.09980	7.8696	1.1564
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	15.001	.00045	-.00047	13.781	.00093	-.00240	.00300
SDev	.250	.00018	.00090	.191	.00208	.00219	.00158
%RSD	1.6637	39.375	190.10	1.3844	223.25	91.220	52.750
#1	15.140	.00064	-.00026	13.824	.00021	-.00492	.00406
#2	15.149	.00040	.00030	13.946	.00327	-.00101	.00375
#3	14.713	.00030	-.00146	13.572	-.00069	-.00127	.00118
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	-.00267	.00278
SDev	.00118	.00275
%RSD	44.258	98.954
#1	-.00350	.00319
#2	-.00320	.00530
#3	-.00132	-.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	34022	--	--	--	--	--	--
SDev	448.8285	--	--	--	--	--	--
%RSD	1.319215	--	--	--	--	--	--
#1	33907	--	--	--	--	--	--
#2	33642	--	--	--	--	--	--
#3	34518	--	--	--	--	--	--

Analysis Report QC Standard 08/12/04 11:20:00 PM page 1

Method: EPA3 Sample Name: ccv Operator:
Run Time: 08/12/04 23:12:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0265	2.0092	1.9518	1.9672	1.9914	2.0155	1.9997
SDev	.0068	.0057	.0028	.0058	.0077	.0055	.0064
%RSD	.33508	.28500	.14422	.29558	.38437	.27283	.32217
#1	2.0188	2.0028	1.9486	1.9606	1.9826	2.0093	1.9923
#2	2.0291	2.0138	1.9536	1.9715	1.9967	2.0173	2.0039
#3	2.0316	2.0111	1.9534	1.9694	1.9948	2.0199	2.0029
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	1.9768	.25509	1.9996	1.9616	1.9795	1.9888	1.9752
SDev	.0090	.00107	.0051	.0065	.0110	.0104	.0097
%RSD	.45341	.41813	.25307	.32951	.55638	.52063	.48958
#1	1.9667	.25390	1.9941	1.9543	1.9673	1.9811	1.9645
#2	1.9799	.25541	2.0006	1.9667	1.9887	2.0006	1.9833
#3	1.9839	.25597	2.0041	1.9638	1.9825	1.9848	1.9779
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	1.9650	1.9878	39.907	38.973	40.068	39.894	40.391
SDev	.0139	.0085	.211	.137	.194	.145	.206
%RSD	.70785	.42713	.52861	.35087	.48451	.36282	.51015
#1	1.9492	1.9780	39.667	38.816	39.846	39.727	40.173
#2	1.9751	1.9918	39.995	39.064	40.154	39.986	40.418
#3	1.9708	1.9935	40.061	39.039	40.205	39.968	40.583
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	40.713	2.0223	1.9860	5.2049	2.0029	1.9864	1.9692
SDev	.248	.0083	.0070	.0157	.0048	.0039	.0127
%RSD	.60841	.41153	.35318	.30087	.24156	.19839	.64541
#1	40.438	2.0128	1.9781	5.1871	1.9975	1.9818	1.9553
#2	40.783	2.0257	1.9888	5.2109	2.0044	1.9882	1.9803
#3	40.918	2.0283	1.9913	5.2166	2.0068	1.9890	1.97[illegible]
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

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Value	40.000	2.0000	2.0000	5.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	1.9744	1.9600
SDev	.0111	.0153
%RSD	.56403	.78042
#1	1.9617	1.9425
#2	1.9823	1.9712
#3	1.9793	1.9662
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	34611	--	--	--	--	--	--
SDev	203.5763	--	--	--	--	--	--
%RSD	.5881804	--	--	--	--	--	--
#1	34843	--	--	--	--	--	--
#2	34462	--	--	--	--	--	--
#3	34528	--	--	--	--	--	--

Analysis Report QC Standard 08/12/04 11:27:41 PM

Method: EPA3 Sample Name: ccb
Run Time: 08/12/04 23:20:04 Operator:
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00048	.00042	.00033	-.00032	.00033	-.00045	.00049
SDev	.00019	.00005	.00042	.00043	.00039	.00059	.00005
%RSD	39.712	11.803	129.05	137.58	118.97	129.89	10.782
#1	.00046	.00046	.00021	-.00075	-.00002	-.00111	.00043
#2	.00029	.00042	-.00002	-.00031	.00026	-.00026	.00052
#3	.00067	.00037	.00080	.00012	.00075	.00001	.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	.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	.00007	-.00018	.00116	.00069	.00171	.00706	-.00102
SDev	.00108	.00067	.00081	.00049	.00317	.00383	.00061
%RSD	1456.0	363.52	70.011	70.592	186.05	54.169	59.275
#1	.00129	-.00075	.00171	.00058	.00105	.00676	-.00149
#2	-.00029	-.00036	.00154	.00026	Q.00516	.00340	-.00125
#3	-.00077	.00056	.00023	.00121	-.00109	Q.01103	-.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	.00054	.00113	-.00879	-.01448	.01982	.00187	-.29087
SDev	.00083	.00110	.00222	.00095	.00878	.00441	.01570
%RSD	154.88	97.340	25.263	6.5441	44.315	235.57	5.3980
#1	.00148	.00237	-.01092	-.01380	.02917	-.00068	-.28521
#2	-.00004	.00077	-.00897	-.01407	.01174	-.00067	-.27879
#3	.00016	.00026	-.00649	-.01556	.01857	.00697	-.30862
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	.08815	.00186	.00071	-.00567	-.00093	-.00044	-.00165
SDev	.08050	.00216	.00151	.00051	.00505	.00202	.00101
%RSD	91.326	116.20	211.61	9.0592	541.22	461.30	61.325
#1	.08115	Q.00435	-.00021	-.00579	.00087	-.00270	-.00118
#2	.01137	.00073	-.00010	-.00511	.00297	.00117	-.00281
#3	.17192	.00049	.00246	-.00612	-.00664	.00022	-.00096
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	-.00210	.00154
SDev	.00119	.00086
%RSD	56.834	56.169
#1	-.00090	.00237
#2	-.00212	.00065
#3	-.00328	.00159
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	34847	--	--	--	--	--	--
SDev	188.3468	--	--	--	--	--	--
%RSD	.5404891	--	--	--	--	--	--
#1	34757	--	--	--	--	--	--
#2	34722	--	--	--	--	--	--
#3	35064	--	--	--	--	--	--

Analysis Report QC Standard 08/12/04 11:54:33 PM

Method: EPA3 Sample Name: crib Operator:
Run Time: 08/12/04 23:46:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.41980	.01045	.00829	.10187	.02043	.05206	.03130
SDev	.00414	.00010	.00036	.00070	.00044	.00049	.00026
%RSD	.98652	.97731	4.2898	.68396	2.1294	.94496	.81695
#1	.41504	.01036	.00822	.10117	.02013	.05149	.03108
#2	.42180	.01056	.00867	.10256	.02093	.05233	.03158
#3	.42256	.01044	.00797	.10190	.02024	.05235	.03124
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	.08210	.02052	.10310	.04163	Q.01421	.02068	.00539
SDev	.00080	.00023	.00068	.00084	.00197	.00513	.00194
%RSD	.96882	1.1028	.65520	2.0108	13.863	24.797	36.056
#1	.08179	.02026	.10239	.04082	.01203	.01518	Q.00346
#2	.08301	.02063	.10373	.04249	Q.01585	.02533	.00735
#3	.08151	.02067	.10319	.04156	Q.01475	.02154	.00537
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	.01105	.01070	.38673	4.8622	.19665	4.9210	4.8804
SDev	.00246	.00117	.00615	.0461	.00350	.0477	.0576
%RSD	22.219	10.906	1.5889	.94849	1.7801	.97008	1.1808
#1	.00842	.01132	.38033	4.8247	.19756	4.8687	4.8142
#2	.01144	.01142	.39258	4.9137	.19960	4.9623	4.9187
#3	Q.01328	.00935	.38730	4.8482	.19278	4.9318	4.9085
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	4.9571	.02238	.10734	.41719	.02276	.00464	.00541
SDev	.0053	.00020	.00157	.00370	.00287	.00369	.00105
%RSD	.10704	.89137	1.4632	.88672	12.625	79.527	19.502
#1	4.9626	.02257	.10557	.41344	.01950	.00085	.00442
#2	4.9568	.02242	.10856	.42083	.02490	.00823	.00652
#3	4.9520	.02217	.10790	.41731	.02388	.00485	.0052
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

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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	.01268	.00988
SDev	.00416	.00215
%RSD	32.828	21.810
#1	.00793	.00832
#2	.01566	.00898
#3	.01447	.01234
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	34567	--	--	--	--	--	--
SDev	240.0875	--	--	--	--	--	--
%RSD	.6945584	--	--	--	--	--	--
#1	34843	--	--	--	--	--	--
#2	34449	--	--	--	--	--	--
#3	34409	--	--	--	--	--	--

Analysis Report QC Standard 08/13/04 00:02:15 AM

Method: EPA3 Sample Name: icsa Operator:
Run Time: 08/12/04 23:54:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00379	.00024	-.00251	.00089	-.00030	.00000	-.00066
SDev	.00003	.00004	.00029	.00027	.00010	.00029	.00008
%RSD	.83857	16.759	11.656	30.509	34.266	8296.0	12.565
#1	.00382	.00027	-.00226	.00118	-.00020	.00033	-.00076
#2	.00379	.00020	-.00283	.00085	-.00040	-.00023	-.00062
#3	.00375	.00025	-.00245	.00064	-.00029	-.00010	-.00062
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	-.00006	-.00042	.00115	.00022	.00042	.00717	-.00113
SDev	.00036	.00017	.00030	.00061	.00092	.00156	.00149
%RSD	610.56	40.170	26.489	273.08	217.74	21.739	132.22
#1	-.00019	-.00052	.00093	-.00033	.00138	.00701	.00057
#2	.00035	-.00023	.00102	.00012	.00035	.00880	-.00173
#3	-.00034	-.00052	.00149	.00088	-.00046	.00569	-.00222
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	.00014	-.00205	500.51	482.69	182.74	489.58	-.18872
SDev	.00206	.00543	2.00	2.16	.80	2.02	.00511
%RSD	1521.1	265.04	.39940	.44811	.43932	.41242	2.7094
#1	-.00120	.00253	498.28	480.22	181.89	487.48	-.19240
#2	-.00091	Q-.00804	501.10	483.61	182.85	489.73	-.18288
#3	.00251	-.00063	502.14	484.24	183.48	491.51	-.19089
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	-.14640	-.00016	-.00148	.03164	.00542	-.00428	.00000
SDev	.14641	.00148	.00070	.00170	.00190	.00103	.00243
%RSD	100.00	956.82	47.089	5.3697	34.988	24.119	53360.
#1	.00412	-.00118	-.00213	.03215	.00760	-.00442	.00262
#2	-.28832	-.00083	-.00157	.03302	.00420	-.00524	-.00042
#3	-.15501	.00155	-.00074	.02974	.00445	-.00319	-.00211
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	-.00587	.00278
SDev	.00345	.00476
%RSD	58.776	171.44
#1	-.00480	.00024
#2	-.00308	-.00018
#3	-.00972	.00827
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	33505	--	--	--	--	--	--
SDev	73.96485	--	--	--	--	--	--
%RSD	.2207590	--	--	--	--	--	--
#1	33556	--	--	--	--	--	--
#2	33420	--	--	--	--	--	--
#3	33538	--	--	--	--	--	--

Analysis Report QC Standard 08/13/04 00:11:11 AM

Method: EPA3 Sample Name: icsab Operator:
Run Time: 08/13/04 00:03:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51075	.45517	.91939	.47618	.46579	.50522	.47498
SDev	.00134	.00110	.00370	.00168	.00185	.00222	.00175
%RSD	.26306	.24115	.40269	.35195	.39611	.43964	.36815
#1	.51209	.45614	.92235	.47610	.46755	.50761	.47644
#2	.51073	.45537	.92058	.47789	.46594	.50483	.47545
#3	.50941	.45398	.91524	.47454	.46387	.50322	.47304
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	.95556	1.0186	.49070	.91225	1.0052	.95618	.96540
SDev	.00138	.0029	.00085	.00161	.0025	.00448	.00276
%RSD	.14489	.28956	.17222	.17691	.25053	.46817	.28537
#1	.95397	1.0218	.49007	.91319	1.0065	.95192	.96723
#2	.95643	1.0182	.49166	.91317	1.0023	.96084	.96673
#3	.95629	1.0160	.49037	.91039	1.0068	.95577	.96223
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	.98045	.99366	518.12	511.26	194.73	496.81	-.18222
SDev	.00507	.00298	1.68	1.27	.49	1.53	.00873
%RSD	.51681	.29991	.32426	.24897	.25152	.30761	4.7915
#1	.98543	.99710	519.89	512.21	195.17	498.38	-.17424
#2	.98063	.99201	517.93	511.77	194.82	496.70	-.18087
#3	.97530	.99187	516.54	509.82	194.20	495.33	-.19154
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	-.08495	.49435	.53086	.10804	.00470	.96463	.96530
SDev	.14719	.00195	.00083	.00087	.00452	.00736	.00043
%RSD	173.28	.39436	.15661	.80132	96.187	.76303	.04462
#1	.03611	.49388	.53152	.10895	.00988	.96953	.96563
#2	-.04216	.49649	.53113	.10723	.00275	.96819	.96547
#3	-.24879	.49268	.52992	.10794	.00148	.95617	.96481
Errors	NOCHECK	QC Pass	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK

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Value	.50000	.50000
Range	.10000	.10000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.98641	.97711
SDev	.00886	.00412
%RSD	.89773	.42199
#1	.99183	.98187
#2	.99121	.97498
#3	.97619	.97450
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	33422	--	--	--	--	--	--
SDev	168.3167	--	--	--	--	--	--
%RSD	.5036126	--	--	--	--	--	--
#1	33236	--	--	--	--	--	--
#2	33466	--	--	--	--	--	--
#3	33564	--	--	--	--	--	--

Analysis Report QC Standard 08/13/04 00:18:54 AM

Method: EPA3 Sample Name: ccv Operator:
Run Time: 08/13/04 00:11:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0334	2.0011	1.9480	1.9555	1.9903	2.0127	1.9971
SDev	.0024	.0042	.0025	.0029	.0044	.0019	.0046
%RSD	.11897	.21118	.12649	.14969	.22008	.09571	.23017
#1	2.0339	1.9994	1.9472	1.9535	1.9896	2.0138	1.9946
#2	2.0355	2.0059	1.9508	1.9588	1.9949	2.0138	2.0024
#3	2.0308	1.9980	1.9461	1.9540	1.9863	2.0104	1.9943
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	1.9732	.25457	2.0256	1.9570	1.9723	1.9858	1.9652
SDev	.0053	.00074	.0021	.0051	.0039	.0045	.0183
%RSD	.27052	.29184	.10307	.26310	.19729	.22571	.93260
#1	1.9720	.25376	2.0239	1.9541	1.9681	1.9812	1.9573
#2	1.9791	.25522	2.0279	1.9629	1.9757	1.9901	1.9861
#3	1.9686	.25472	2.0249	1.9539	1.9730	1.9861	1.9521
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	1.9602	1.9782	39.889	38.923	40.176	40.097	40.180
SDev	.0203	.0031	.075	.131	.089	.084	.068
%RSD	1.0341	.15877	.18726	.33777	.22100	.20881	.17036
#1	1.9573	1.9812	39.865	38.852	40.149	40.073	40.258
#2	1.9818	1.9749	39.972	39.075	40.275	40.190	40.131
#3	1.9416	1.9785	39.829	38.843	40.103	40.028	40.151
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	40.423	2.0301	1.9791	5.2069	2.0150	1.9832	1.9557
SDev	.047	.0059	.0012	.0109	.0057	.0186	.0183
%RSD	.11704	.29070	.05896	.20878	.28325	.93605	.93531
#1	40.387	2.0240	1.9794	5.1981	2.0106	1.9767	1.9471
#2	40.406	2.0357	1.9800	5.2191	2.0215	2.0041	1.9767
#3	40.477	2.0308	1.9778	5.2035	2.0129	1.9687	1.9432
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	1.9709	1.9545
SDev	.0136	.0237
%RSD	.69080	1.2107
#1	1.9670	1.9521
#2	1.9860	1.9793
#3	1.9596	1.9322
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	34675	--	--	--	--	--	--
SDev	240.6509	--	--	--	--	--	--
%RSD	.6940251	--	--	--	--	--	--
#1	34816	--	--	--	--	--	--
#2	34397	--	--	--	--	--	--
#3	34811	--	--	--	--	--	--

Analysis Report QC Standard 08/13/04 00:26:37 AM

Method: EPA3 Sample Name: ccb Operator:
Run Time: 08/13/04 00:18:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00046	Q.00061	.00052	-.00015	.00032	-.00091	.00066
SDev	.00010	.00016	.00030	.00037	.00045	.00051	.00010
%RSD	21.673	25.906	57.868	244.71	139.03	56.176	15.650
#1	.00048	.00048	.00018	-.00053	.00077	-.00032	.00057
#2	.00035	Q.00057	.00064	.00020	-.00013	-.00116	.00063
#3	.00054	Q.00078	.00075	-.00012	.00033	-.00126	.00077
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	.00077	-.00024	.00081	.00088	.00438	-.00039	-.00003
SDev	.00112	.00017	.00039	.00045	.00159	.00535	.00320
%RSD	144.86	68.836	48.129	51.117	36.372	1368.0	11201.
#1	.00201	-.00040	.00040	.00096	.00386	-.00477	-.00217
#2	-.00016	-.00025	.00085	.00039	Q.00617	-.00198	-.00156
#3	.00046	-.00007	.00118	.00128	.00311	.00557	Q.00365
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	.00207	.00062	Q.04835	.03868	.04282	.05786	-.31527
SDev	.00078	.00167	.03403	.03401	.01555	.03544	.03328
%RSD	37.745	268.86	70.388	87.930	36.324	61.251	10.555
#1	.00228	-.00131	.02066	.00934	.03473	.02833	-.27687
#2	.00272	.00159	Q.03805	.03075	.03298	.04810	-.33556
#3	.00120	.00158	Q.08634	.07596	Q.06075	.09716	-.33338
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	-.03288	.00165	-.00044	-.01088	.00217	-.00136	.00030
SDev	.05951	.00145	.00075	.00302	.00095	.00476	.00283
%RSD	181.02	88.251	170.37	27.792	43.938	351.03	953.64
#1	-.07662	Q.00331	-.00122	-.00818	.00157	-.00237	-.00242
#2	-.05690	.00062	-.00038	-.01415	.00167	-.00553	.00009
#3	.03489	.00101	.00028	-.01031	.00327	.00383	.0032
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	.00087	.00237
SDev	.00215	.00133
%RSD	246.44	55.969
#1	-.00126	.00374
#2	.00304	.00227
#3	.00084	.00109
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	35425	--	--	--	--	--	--
SDev	614.0318	--	--	--	--	--	--
%RSD	1.733352	--	--	--	--	--	--
#1	34716	--	--	--	--	--	--
#2	35756	--	--	--	--	--	--
#3	35802	--	--	--	--	--	--

Analysis Report 08/13/04 00:34:19 AM

Method: EPA3 Sample Name: N74646-1F Operator:
Run Time: 08/13/04 00:26:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00548	.00013	-.00018	-.00049	.00026	.00271	.01855
SDev	.00009	.00003	.00067	.00017	.00010	.00049	.00010
%RSD	1.6289	23.178	374.67	34.676	39.841	18.095	.54323
#1	.00538	.00016	-.00060	-.00064	.00032	.00328	.01851
#2	.00551	.00010	-.00052	-.00030	.00031	.00245	.01866
#3	.00555	.00013	.00059	-.00053	.00014	.00241	.01847
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	.00244	-.00062	.00062	.01850	.00240	.00306	.00085
SDev	.00090	.00014	.00053	.00018	.00378	.00137	.00141
%RSD	37.035	23.187	85.444	.96439	157.49	44.898	165.40
#1	.00147	-.00058	.00041	.01835	-.00118	.00454	-.00020
#2	.00326	-.00078	.00123	.01870	.00635	.00183	.00246
#3	.00259	-.00050	.00023	.01845	.00203	.00280	.00030
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	.00397	.00105	.00605	35.463	.01985	5.7079	.94964
SDev	.00252	.00432	.00216	.143	.00229	.0230	.01551
%RSD	63.468	412.41	35.666	.40461	11.561	.40246	1.6330
#1	.00199	.00324	.00356	35.441	.02121	5.7138	.96015
#2	.00312	.00383	.00733	35.616	.02113	5.7273	.95695
#3	.00681	-.00393	.00727	35.332	.01720	5.6825	.93183
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	9.9356	.00075	-.00102	14.846	.00118	.00074	.00059
SDev	.1406	.00013	.00058	.065	.00078	.00184	.00274
%RSD	1.4154	16.780	56.987	.43745	65.666	248.81	463.44
#1	9.7822	.00060	-.00161	14.855	.00038	.00285	-.00203
#2	10.058	.00081	-.00103	14.906	.00125	-.00011	.00344
#3	9.9661	.00083	-.00044	14.777	.00192	-.00052	.00031
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	.00554
SDev	.00144	.00418
%RSD	610.31	75.448
#1	.00184	.00176
#2	-.00092	.00483
#3	-.00022	.01003
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	34406	--	--	--	--	--	--
SDev	265.9959	--	--	--	--	--	--
%RSD	.7731121	--	--	--	--	--	--
#1	34177	--	--	--	--	--	--
#2	34343	--	--	--	--	--	--
#3	34698	--	--	--	--	--	--

Analysis Report 08/13/04 00:42:01 AM

Method: EPA3 Sample Name: N74646-2F Operator:
Run Time: 08/13/04 00:34:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00245	.00002	-.00047	-.00135	.00007	.00520	.00524
SDev	.00006	.00003	.00030	.00026	.00020	.00049	.00010
%RSD	2.3474	152.04	64.020	19.432	292.51	9.4331	1.8635
#1	.00240	.00005	-.00028	-.00165	-.00011	.00539	.00535
#2	.00245	-.00001	-.00081	-.00120	.00028	.00557	.00523
#3	.00251	.00002	-.00031	-.00120	.00004	.00464	.00515
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	.00440	-.00068	.00042	.01107	.00120	.00170	.00201
SDev	.00068	.00027	.00045	.00026	.00110	.00365	.00096
%RSD	15.453	40.406	106.16	2.3052	91.553	214.30	47.977
#1	.00376	-.00040	.00076	.01089	.00143	.00504	.00149
#2	.00511	-.00068	-.00009	.01136	.00216	-.00219	.00141
#3	.00433	-.00095	.00059	.01095	.00000	.00226	.00312
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	.00159	.00083	-.00362	11.086	.04336	3.2499	.39400
SDev	.00142	.00072	.00016	.034	.01135	.0098	.01415
%RSD	89.137	87.080	4.4641	.30828	26.170	.30029	3.5926
#1	.00215	.00060	-.00346	11.125	.04624	3.2591	.40905
#2	-.00002	.00163	-.00361	11.062	.03085	3.2397	.38096
#3	.00265	.00025	-.00378	11.070	.05298	3.2510	.39198
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	10.588	.00009	-.00067	19.147	-.00024	.00093	.00215
SDev	.147	.00022	.00078	.046	.00188	.00345	.00112
%RSD	1.3871	240.29	116.36	.23926	798.16	371.68	51.990
#1	10.544	.00033	-.00095	19.198	.00119	.00197	.00090
#2	10.468	-.00011	.00021	19.110	-.00236	-.00292	.00306
#3	10.751	.00006	-.00127	19.133	.00047	.00374	.00251
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	-.00136	.00275
SDev	.00408	.00093
%RSD	301.39	33.978
#1	-.00181	.00382
#2	-.00519	.00221
#3	.00294	.00220
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	34071	--	--	--	--	--	--
SDev	210.0094	--	--	--	--	--	--
%RSD	.6163839	--	--	--	--	--	--
#1	33834	--	--	--	--	--	--
#2	34232	--	--	--	--	--	--
#3	34148	--	--	--	--	--	--

Analysis Report 08/13/04 00:49:43 AM

Method: EPA3 Sample Name: N74646-3F Operator:
Run Time: 08/13/04 00:42:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01800	-.00001	.00010	-.00012	.00034	.00502	.51614
SDev	.00004	.00001	.00039	.00072	.00025	.00042	.00145
%RSD	.23892	186.99	383.33	609.23	73.518	8.3955	.28049
#1	.01805	.00001	.00052	-.00086	.00006	.00478	.51605
#2	.01797	-.00001	.00002	-.00006	.00055	.00551	.51763
#3	.01798	-.00001	-.00024	.00057	.00041	.00479	.51474
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	-.00046	.00092	.92470	.00382	.00055	-.00138
SDev	.00051	.00009	.00095	.00306	.00034	.00410	.00276
%RSD	30.083	20.214	103.57	.33091	8.7729	747.71	199.89
#1	.00117	-.00055	.00008	.92333	.00375	.00017	L-.00451
#2	.00218	-.00037	.00195	.92820	.00352	.00483	-.00038
#3	.00171	-.00045	.00073	.92256	.00418	-.00335	.00074
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	.00030	.00261	-.00207	6.3385	.02927	1.4351	1.0608
SDev	.00293	.00084	.00207	.0157	.00833	.0014	.0399
%RSD	981.66	32.280	100.07	.24718	28.468	.10107	3.7599
#1	-.00309	.00298	-.00286	6.3373	.03345	1.4357	1.0317
#2	.00189	.00320	.00028	6.3547	.01967	1.4334	1.1063
#3	.00209	.00164	-.00362	6.3234	.03468	1.4362	1.0445
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	7.5102	.00075	-.00079	16.722	-.00114	-.00248	-.00136
SDev	.1422	.00108	.00171	.042	.00267	.00518	.00295
%RSD	1.8933	144.42	217.46	.25313	234.04	209.20	216.60
#1	7.4402	.00083	-.00269	16.758	.00193	-.00750	-.00354
#2	7.6738	.00179	.00065	16.733	-.00293	.00286	-.00254
#3	7.4166	-.00037	-.00032	16.676	-.00243	-.00280	.00199
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	-.00217	.00118
SDev	.00136	.00378
%RSD	62.718	318.99
#1	-.00361	-.00317
#2	-.00200	.00348
#3	-.00090	.00324
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	34327	--	--	--	--	--	--
SDev	634.8414	--	--	--	--	--	--
%RSD	1.849412	--	--	--	--	--	--
#1	34606	--	--	--	--	--	--
#2	33600	--	--	--	--	--	--
#3	34774	--	--	--	--	--	--

Analysis Report 08/13/04 00:57:24 AM

Method: EPA3 Sample Name: N74646-4F Operator:
Run Time: 08/13/04 00:49:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00872	-.00001	.00000	.00023	.00013	.00423	.09637
SDev	.00020	.00002	.00036	.00036	.00016	.00006	.00050
%RSD	2.2460	424.52	11487.	155.35	124.66	1.5036	.52014
#1	.00872	-.00003	-.00041	.00002	-.00002	.00416	.09666
#2	.00852	-.00001	.00020	.00002	.00010	.00424	.09665
#3	.00891	.00002	.00022	.00065	.00031	.00429	.09579
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	.00092	-.00099	-.00126	.01855	.00452	.00236	.00006
SDev	.00133	.00037	.00098	.00055	.00413	.00336	.00167
%RSD	144.82	37.999	77.632	2.9639	91.335	142.73	2973.3
#1	-.00006	-.00069	-.00106	.01797	.00679	.00619	.00074
#2	.00038	-.00085	-.00040	.01906	-.00025	-.00009	.00127
#3	.00243	-.00141	-.00232	.01864	.00701	.00097	-.00184
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	.00194	.00607	-.00725	5.9707	.08172	3.6953	1.2605
SDev	.00354	.00385	.00239	.0478	.00601	.0122	.0399
%RSD	182.32	63.527	32.970	.80008	7.3563	.32911	3.1680
#1	-.00214	.00251	-.00460	6.0024	.07482	3.7085	1.2825
#2	.00409	.00552	-.00925	5.9940	.08448	3.6929	1.2845
#3	.00388	.01016	-.00791	5.9158	.08585	3.6845	1.2144
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	8.3770	-.00051	-.00214	20.219	.00115	-.00698	.00314
SDev	.0543	.00068	.00021	.075	.00312	.01150	.00359
%RSD	.64803	133.07	9.9285	.36913	271.25	164.65	114.23
#1	8.3746	-.00024	-.00235	20.302	.00473	.00163	-.00023
#2	8.4325	-.00001	-.00213	20.200	-.00034	-.00254	.00275
#3	8.3240	-.00128	-.00193	20.156	-.00095	-.02003	.00692
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	-.00741	.00632
SDev	.00614	.00665
%RSD	82.811	105.24
#1	-.00586	-.00063
#2	-.00220	.00697
#3	-.01417	.01261
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	34860	--	--	--	--	--	--
SDev	488.2393	--	--	--	--	--	--
%RSD	1.400561	--	--	--	--	--	--
#1	34584	--	--	--	--	--	--
#2	34573	--	--	--	--	--	--
#3	35424	--	--	--	--	--	--

Analysis Report 08/13/04 01:05:06 AM

Method: EPA3 Sample Name: N74646-5F Operator:
Run Time: 08/13/04 00:57:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00168	.00000	-.00033	-.00127	-.00015	-.00052	.00410
SDev	.00017	.00004	.00014	.00042	.00035	.00020	.00008
%RSD	10.313	1061.3	42.956	33.127	235.30	37.916	1.9936
#1	.00154	.00001	-.00049	-.00175	-.00053	-.00043	.00401
#2	.00162	.00004	-.00026	-.00097	-.00005	-.00075	.00415
#3	.00187	-.00004	-.00024	-.00108	.00014	-.00039	.00414
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	.00060	-.00071	.00116	.27490	.00441	-.00168	.00282
SDev	.00094	.00051	.00053	.00114	.00611	.00267	.00209
%RSD	157.09	71.102	45.711	.41340	138.52	159.27	74.015
#1	-.00027	-.00050	.00154	.27374	-.00024	-.00167	.00502
#2	.00046	-.00035	.00139	.27494	.01133	-.00435	.00087
#3	.00160	-.00129	.00056	.27601	.00214	.00099	.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	.00365	.00365	-.00239	34.581	.00960	9.2181	.62331
SDev	.00344	.00216	.00203	.131	.01130	.0244	.00985
%RSD	94.189	59.166	85.028	.37995	117.74	.26491	1.5807
#1	.00448	.00116	-.00200	34.429	.00506	9.1906	.61341
#2	-.00013	.00502	-.00058	34.652	.02247	9.2373	.63311
#3	.00659	.00476	-.00459	34.661	.00128	9.2265	.62342
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	11.184	.00326	.00034	11.843	-.00002	.00459	.00142
SDev	.109	.00017	.00074	.035	.00329	.00186	.00221
%RSD	.97518	5.2355	218.79	.29235	18015.	40.548	156.31
#1	11.132	.00343	-.00034	11.803	.00246	.00642	.00380
#2	11.309	.00327	.00022	11.861	.00124	.00270	-.00057
#3	11.110	.00309	.00112	11.865	-.00375	.00466	.00102
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	.00157	.00434
SDev	.00623	.00207
%RSD	395.86	47.787
#1	.00245	.00515
#2	-.00505	.00198
#3	.00732	.00588
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	34548	--	--	--	--	--	--
SDev	48.00000	--	--	--	--	--	--
%RSD	.1389371	--	--	--	--	--	--
#1	34548	--	--	--	--	--	--
#2	34500	--	--	--	--	--	--
#3	34596	--	--	--	--	--	--

Analysis Report 08/13/04 01:12:47 AM

Method: EPA3 Sample Name: N74646-6F Operator:
Run Time: 08/13/04 01:05:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00359	-.00003	-.00017	-.00072	.00035	.00460	.00539
SDev	.00003	.00002	.00023	.00045	.00010	.00035	.00011
%RSD	.98358	71.047	136.64	62.160	28.838	7.6266	2.0799
#1	.00363	-.00001	-.00020	-.00020	.00037	.00499	.00547
#2	.00356	-.00002	.00008	-.00098	.00024	.00450	.00543
#3	.00357	-.00004	-.00038	-.00098	.00044	.00431	.00526
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	.00302	-.00070	.00111	.01055	.00306	-.00191	.00289
SDev	.00186	.00022	.00067	.00022	.00210	.00365	.00137
%RSD	61.626	31.271	60.135	2.0992	68.638	190.90	47.536
#1	.00329	-.00053	.00188	.01037	.00087	.00125	.00177
#2	.00472	-.00062	.00072	.01049	.00506	-.00107	.00247
#3	.00104	-.00095	.00073	.01080	.00326	-.00590	.00442
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	.00241	-.00273	11.428	.05136	3.3492	.36904
SDev	.00270	.00078	.00104	.021	.01269	.0040	.00974
%RSD	1751.2	32.379	38.266	.18045	24.701	.11930	2.6386
#1	-.00188	.00254	-.00203	11.444	.06186	3.3452	.37584
#2	.00322	.00157	-.00393	11.405	.03727	3.3532	.35788
#3	-.00088	.00311	-.00223	11.435	.05496	3.3490	.37340
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	10.943	-.00000	-.00109	19.622	.00130	.00165	.00299
SDev	.025	.00068	.00029	.039	.00075	.00143	.00194
%RSD	.22965	49369.	26.167	.19805	57.482	87.031	64.918
#1	10.972	.00060	-.00099	19.658	.00096	.00237	.00096
#2	10.928	-.00073	-.00141	19.581	.00216	-.00000	.00319
#3	10.929	.00013	-.00087	19.628	.00078	.00258	.00482
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	-.00284	.00131
SDev	.00286	.00373
%RSD	100.81	285.22
#1	-.00599	-.00017
#2	-.00210	.00554
#3	-.00042	-.00146
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	34925	--	--	--	--	--	--
SDev	139.8421	--	--	--	--	--	--
%RSD	.4004123	--	--	--	--	--	--
#1	34778	--	--	--	--	--	--
#2	35056	--	--	--	--	--	--
#3	34940	--	--	--	--	--	--

Analysis Report 08/13/04 01:20:29 AM

Method: EPA3 Sample Name: N74646-8F Operator:
Run Time: 08/13/04 01:12:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00286	-.00003	-.00069	-.00101	.00263	.00112	.00118
SDev	.00005	.00004	.00012	.00110	.00040	.00015	.00005
%RSD	1.9021	120.00	17.166	109.10	15.319	13.627	3.9968
#1	.00286	-.00004	-.00071	-.00153	.00281	.00130	.00113
#2	.00280	-.00006	-.00080	-.00175	.00217	.00101	.00123
#3	.00291	.00001	-.00056	.00026	.00292	.00105	.00119
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	.00218	-.00056	.00129	.06992	.00306	-.00006	.03567
SDev	.00114	.00037	.00074	.00055	.00526	.00364	.00088
%RSD	52.198	66.824	57.235	.78013	171.88	5836.5	2.4771
#1	.00349	-.00093	.00205	.06989	.00753	-.00393	.03651
#2	.00161	-.00055	.00122	.06939	.00439	.00045	.03474
#3	.00144	-.00019	.00058	.07048	-.00274	.00329	.03575
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	-.00091	.00384	-.00106	22.877	.02976	5.2582	.25481
SDev	.00253	.00230	.00125	.077	.00759	.0050	.01911
%RSD	278.05	59.854	117.59	.33602	25.493	.09416	7.4986
#1	-.00309	.00490	-.00245	22.933	.02918	5.2595	.24071
#2	-.00149	.00121	-.00071	22.789	.02248	5.2528	.24717
#3	.00186	.00543	-.00002	22.908	.03762	5.2624	.27656
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	10.322	.00094	-.00131	16.362	.00101	.03758	.03419
SDev	.100	.00055	.00153	.050	.00149	.00766	.00265
%RSD	.97034	59.064	116.51	.30639	147.99	20.371	7.7536
#1	10.384	.00158	-.00202	16.417	-.00069	.04622	.03113
#2	10.207	.00060	-.00235	16.318	.00211	.03165	.03577
#3	10.376	.00064	.00044	16.351	.00160	.03487	.0356[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	-.00280	-.00031
SDev	.00117	.00392
%RSD	41.807	1250.6
#1	-.00353	-.00322
#2	-.00145	-.00186
#3	-.00340	.00414
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	34500	--	--	--	--	--	--
SDev	152.9028	--	--	--	--	--	--
%RSD	.4431998	--	--	--	--	--	--
#1	34586	--	--	--	--	--	--
#2	34590	--	--	--	--	--	--
#3	34323	--	--	--	--	--	--

Analysis Report 08/13/04 01:28:11 AM

Method: EPA3 Sample Name: N74646-9F Operator:
Run Time: 08/13/04 01:20:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03711	-.00000	-.00072	-.00093	.00009	-.00054	.34648
SDev	.00084	.00004	.00030	.00007	.00013	.00040	.00755
%RSD	2.2634	1618.6	41.178	7.3975	139.12	73.641	2.1787
#1	.03808	.00005	-.00085	-.00085	.00015	-.00044	.35519
#2	.03664	-.00003	-.00038	-.00097	.00018	-.00020	.34180
#3	.03660	-.00003	-.00093	-.00097	-.00005	-.00098	.34245
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	.00078	-.00081	.00063	.22624	.00261	.00047	.00187
SDev	.00092	.00011	.00017	.00456	.00010	.00734	.00024
%RSD	118.10	13.220	27.274	2.0148	3.6491	1576.5	13.009
#1	-.00009	-.00091	.00043	.23147	.00263	-.00757	.00159
#2	.00174	-.00083	.00073	.22414	.00269	.00216	.00204
#3	.00067	-.00070	.00074	.22310	.00250	.00681	.00199
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	.00333	.00183	.00126	23.852	.03536	3.5646	.25960
SDev	.00148	.00205	.00463	.509	.00542	.0839	.04093
%RSD	44.425	112.02	367.24	2.1323	15.318	2.3534	15.768
#1	.00271	.00069	.00661	24.438	.03246	3.6614	.30683
#2	.00226	.00420	-.00135	23.542	.03201	3.5185	.23440
#3	.00502	.00060	-.00147	23.574	.04161	3.5137	.23756
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	11.733	.00112	-.00043	21.928	.00163	-.00069	.00263
SDev	.303	.00047	.00092	.493	.00357	.00137	.00080
%RSD	2.5784	41.811	213.93	2.2473	219.27	199.10	30.391
#1	12.079	.00166	-.00018	22.497	.00013	-.00042	.00206
#2	11.601	.00090	-.00145	21.625	-.00095	.00053	.00228
#3	11.518	.00080	.00034	21.663	.00570	-.00216	.00354
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	.00186	.00372
SDev	.00562	.00182
%RSD	302.30	49.057
#1	.00396	.00172
#2	-.00451	.00530
#3	.00612	.00412
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	34175	--	--	--	--	--	--
SDev	721.0589	--	--	--	--	--	--
%RSD	2.109922	--	--	--	--	--	--
#1	33344	--	--	--	--	--	--
#2	34639	--	--	--	--	--	--
#3	34541	--	--	--	--	--	--

Analysis Report 08/13/04 01:35:52 AM

Method: EPA3 Sample Name: N74646-10F Operator:
Run Time: 08/13/04 01:28:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00293	-.00000	-.00017	-.00071	.00126	.01008	.00277
SDev	.00012	.00002	.00022	.00045	.00034	.00069	.00003
%RSD	3.9692	7029.5	129.51	62.880	27.208	6.8737	1.1458
#1	.00279	.00002	-.00028	-.00064	.00100	.01087	.00281
#2	.00299	-.00001	-.00032	-.00120	.00165	.00980	.00278
#3	.00300	-.00002	.00008	-.00031	.00114	.00957	.00274
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	-.00066	.00139	.02225	.00519	.00059	.00192
SDev	.00238	.00008	.00033	.00013	.00128	.00141	.00142
%RSD	148.03	12.124	23.597	.60432	24.575	239.70	74.241
#1	.00196	-.00073	.00140	.02232	.00449	-.00030	.00042
#2	-.00093	-.00057	.00106	.02233	.00442	.00222	.00325
#3	.00380	-.00067	.00172	.02209	.00667	-.00015	.00209
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	.00224	.00280	-.00722	10.419	.01306	4.1740	.42894
SDev	.00220	.00173	.00207	.045	.01169	.0202	.00474
%RSD	98.106	61.888	28.661	.43293	89.537	.48510	1.1051
#1	-.00021	.00193	-.00486	10.468	.00628	4.1970	.43441
#2	.00403	.00480	-.00872	10.379	.02656	4.1588	.42595
#3	.00291	.00167	-.00809	10.409	.00633	4.1662	.42646
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	10.151	.00019	.00018	21.133	.00036	.00044	.00226
SDev	.030	.00046	.00047	.112	.00111	.00306	.00197
%RSD	.29287	235.35	255.40	.53216	307.44	698.93	87.054
#1	10.132	-.00028	.00033	21.256	-.00060	-.00246	.00150
#2	10.185	.00023	.00056	21.035	.00158	.00013	.00450
#3	10.136	.00063	-.00034	21.107	.00010	.00364	.00[illegible]
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

1358

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	-.00280	.00444
SDev	.00406	.00351
%RSD	144.66	79.072
#1	-.00489	.00181
#2	-.00540	.00843
#3	.00187	.00308
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	34465	--	--	--	--	--	--
SDev	159.0033	--	--	--	--	--	--
%RSD	.4613500	--	--	--	--	--	--
#1	34298	--	--	--	--	--	--
#2	34615	--	--	--	--	--	--
#3	34481	--	--	--	--	--	--

Analysis Report QC Standard 08/13/04 01:43:36 AM

Method: EPA3 Sample Name: ccv Operator:
Run Time: 08/13/04 01:35:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0208	1.9578	Q1.8952	1.9153	1.9521	1.9952	1.9623
SDev	.0287	.0286	.0286	.0284	.0279	.0249	.0283
%RSD	1.4195	1.4601	1.5087	1.4851	1.4282	1.2501	1.4398
#1	1.9877	1.9248	Q1.8623	Q1.8826	1.9200	1.9664	1.9298
#2	2.0384	1.9746	1.9141	1.9338	1.9707	2.0095	1.9799
#3	2.0362	1.9740	1.9093	1.9297	1.9656	2.0096	1.9774
Errors	QC Pass	QC Pass	QC Fail	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	1.9285	.25202	2.0040	1.9094	1.9398	1.9631	1.9199
SDev	.0280	.00414	.0278	.0292	.0323	.0366	.0327
%RSD	1.4514	1.6434	1.3884	1.5307	1.6643	1.8653	1.7039
#1	Q1.8962	.24726	1.9720	Q1.8757	1.9034	1.9211	Q1.8822
#2	1.9444	.25397	2.0229	1.9268	1.9649	1.9792	1.9408
#3	1.9450	.25483	2.0171	1.9258	1.9512	1.9888	1.9367
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	1.9265	1.9478	39.526	38.109	39.513	39.402	40.157
SDev	.0350	.0264	.555	.556	.596	.552	.428
%RSD	1.8173	1.3578	1.4041	1.4594	1.5075	1.3999	1.0651
#1	Q1.8865	1.9175	38.885	Q37.468	38.830	38.766	39.663
#2	1.9513	1.9663	39.860	38.451	39.926	39.750	40.393
#3	1.9419	1.9596	39.833	38.410	39.783	39.690	40.414
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	40.342	2.0008	1.9574	5.1405	1.9770	1.9480	1.9055
SDev	.298	.0283	.0259	.0732	.0365	.0262	.0359
%RSD	.73836	1.4152	1.3216	1.4239	1.8461	1.3444	1.8865
#1	40.011	1.9681	1.9275	5.0560	1.9349	1.9178	1.8640
#2	40.589	2.0180	1.9729	5.1839	1.9996	1.9651	1.9283
#3	40.426	2.0163	1.9717	5.1816	1.9966	1.9611	1.924[illegible]
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

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Value	40.000	2.0000	2.0000	5.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	1.9410	1.9189
SDev	.0262	.0397
%RSD	1.3490	2.0677
#1	1.9122	1.8733
#2	1.9634	1.9449
#3	1.9475	1.9387
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	34801	--	--	--	--	--	--
SDev	472.9383	--	--	--	--	--	--
%RSD	1.358966	--	--	--	--	--	--
#1	35345	--	--	--	--	--	--
#2	34483	--	--	--	--	--	--
#3	34576	--	--	--	--	--	--

Analysis Report QC Standard 08/13/04 01:51:19 AM

Method: EPA3 Sample Name: ccb Operator:
Run Time: 08/13/04 01:43:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00070	Q.00064	.00048	-.00035	.00085	-.00089	.00063
SDev	.00009	.00006	.00013	.00040	.00026	.00010	.00012
%RSD	12.766	9.2479	26.465	114.14	30.911	11.593	19.437
#1	.00073	Q.00057	.00048	-.00053	.00058	-.00091	.00052
#2	.00060	Q.00068	.00036	.00011	.00085	-.00078	.00060
#3	.00077	Q.00066	.00062	-.00064	.00111	-.00099	.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	-.00011	.00105	.00083	.00365	.00258	-.00021
SDev	.00090	.00007	.00002	.00030	.00097	.00287	.00152
%RSD	129.79	60.558	2.1051	35.565	26.689	111.33	734.97
#1	.00024	-.00012	.00106	.00113	.00349	.00451	-.00126
#2	.00174	-.00004	.00103	.00083	.00469	-.00072	-.00089
#3	.00011	-.00017	.00107	.00054	.00277	.00394	.00153
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	.00054	.00161	.02150	.00303	.02612	.02451	-.32025
SDev	.00430	.00194	.00268	.00055	.00629	.00201	.02451
%RSD	800.03	120.66	12.461	18.301	24.070	8.1919	7.6538
#1	.00028	.00087	.02165	.00239	.03337	.02220	-.31108
#2	-.00363	.00015	.02410	.00330	.02247	.02548	-.34802
#3	.00496	.00382	.01875	.00339	.02250	.02585	-.30165
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	-.09881	.00097	.00045	-.00596	.00194	-.00273	.00054
SDev	.09019	.00048	.00064	.00186	.00298	.00282	.00182
%RSD	91.278	49.141	140.51	31.249	153.44	103.19	336.68
#1	-.12648	.00047	.00034	-.00511	.00482	-.00599	.00058
#2	-.17193	.00142	.00114	-.00810	.00213	-.00109	-.00130
#3	.00197	.00104	-.00012	-.00468	-.00113	-.00112	.0023
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	-.00151	.00122
SDev	.00441	.00502
%RSD	291.21	412.31
#1	-.00511	.00263
#2	-.00284	-.00436
#3	.00341	.00538
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	34775	--	--	--	--	--	--
SDev	499.8020	--	--	--	--	--	--
%RSD	1.437259	--	--	--	--	--	--
#1	34538	--	--	--	--	--	--
#2	35349	--	--	--	--	--	--
#3	34437	--	--	--	--	--	--

Analysis Report 08/13/04 01:59:01 AM

Method: EPA3 Sample Name: N74646-11F Operator:
Run Time: 08/13/04 01:51:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05131	.00011	.00010	-.00060	.00018	-.00082	.17633
SDev	.00022	.00005	.00036	.00057	.00017	.00029	.00089
%RSD	.43675	42.110	367.91	95.819	97.550	34.855	.50605
#1	.05156	.00017	-.00027	-.00006	.00037	-.00078	.17737
#2	.05125	.00009	.00044	-.00052	.00008	-.00056	.17581
#3	.05112	.00008	.00012	-.00120	.00008	-.00113	.17583
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	.00281	-.00047	.00021	.02227	.00191	.00460	.00239
SDev	.00060	.00010	.00010	.00028	.00137	.00725	.00276
%RSD	21.341	21.585	46.395	1.2747	71.780	157.56	115.34
#1	.00323	-.00048	.00027	.02243	.00294	-.00289	.00522
#2	.00307	-.00036	.00026	.02194	.00242	.01158	-.00029
#3	.00212	-.00056	.00010	.02243	.00036	.00512	.00225
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	.00070	.00543	.01866	71.518	.07453	7.9820	1.2041
SDev	.00208	.00113	.00438	.369	.00133	.0390	.0127
%RSD	296.65	20.843	23.480	.51586	1.7878	.48811	1.0569
#1	.00240	.00463	.02175	71.944	.07299	8.0263	1.2173
#2	.00132	.00673	.02058	71.291	.07530	7.9527	1.1919
#3	-.00162	.00493	.01364	71.319	.07531	7.9671	1.2032
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	14.936	.00113	-.00078	13.669	-.00116	.00136	.00245
SDev	.126	.00172	.00059	.075	.00446	.00320	.00304
%RSD	.84291	151.33	74.930	.55231	383.22	235.33	123.78
#1	15.081	.00298	-.00095	13.756	-.00292	.00501	.00480
#2	14.878	.00084	-.00013	13.619	.00391	.00003	-.00098
#3	14.850	-.00042	-.00126	13.634	-.00448	-.00096	.00355
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	-.00145	.00144
SDev	.00494	.00152
%RSD	339.87	105.51
#1	.00013	.00319
#2	.00250	.00038
#3	-.00699	.00076
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	34093	--	--	--	--	--	--
SDev	190.3096	--	--	--	--	--	--
%RSD	.5582017	--	--	--	--	--	--
#1	33874	--	--	--	--	--	--
#2	34201	--	--	--	--	--	--
#3	34206	--	--	--	--	--	--

Analysis Report 08/13/04 02:06:43 AM

Method: EPA3 Sample Name: MP26749-MB1 Operator:
Run Time: 08/13/04 01:59:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00021	-.00001	-.00010	-.00043	.00019	-.00104	.00019
SDev	.00005	.00000	.00037	.00083	.00043	.00020	.00005
%RSD	22.466	38.643	350.04	194.43	232.78	19.685	24.387
#1	.00019	-.00002	-.00015	-.00131	.00022	-.00100	.00019
#2	.00027	-.00001	.00028	.00034	.00060	-.00085	.00024
#3	.00018	-.00001	-.00045	-.00032	-.00026	-.00126	.00014
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	.00084	-.00010	-.00021	.00015	.00267	-.00031	.00022
SDev	.00094	.00079	.00038	.00019	.00088	.00114	.00205
%RSD	111.92	771.83	181.68	128.21	32.923	366.87	915.45
#1	.00137	-.00078	-.00043	-.00001	.00307	-.00143	.00132
#2	.00140	.00076	.00023	.00036	.00166	-.00036	-.00214
#3	-.00025	-.00028	-.00043	.00010	.00328	.00085	.00149
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	.00199	.00222	-.00461	.03635	.00935	-.00359	-.31054
SDev	.00181	.00183	.00143	.00394	.00988	.00709	.00594
%RSD	90.766	82.371	30.997	10.850	105.74	197.47	1.9120
#1	.00396	.00015	-.00359	.03993	.01058	-.00544	-.30481
#2	.00041	.00363	-.00399	.03699	.01855	.00424	-.31016
#3	.00160	.00288	-.00624	.03212	-.00110	-.00957	-.31666
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	.42828	.00074	.00153	.03028	-.00034	-.00189	.00076
SDev	.15760	.00101	.00325	.00124	.00331	.00364	.00246
%RSD	36.799	136.23	211.92	4.1040	977.46	192.71	322.18
#1	.33373	.00150	-.00078	.03105	.00140	.00226	.00033
#2	.34090	.00113	.00524	.03095	-.00415	-.00455	-.00145
#3	.61022	-.00041	.00013	.02885	.00174	-.00338	.00[illegible]
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

4366

High	5.0000	.00500	.05000	.20000	.01000
Low	-5.0000	-.01000	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00255	.00392
SDev	.00358	.00151
%RSD	140.54	38.496
#1	.00007	.00556
#2	-.00662	.00358
#3	-.00109	.00260
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	34824	--	--	--	--	--	--
SDev	118.3688	--	--	--	--	--	--
%RSD	.3399031	--	--	--	--	--	--
#1	34688	--	--	--	--	--	--
#2	34902	--	--	--	--	--	--
#3	34883	--	--	--	--	--	--

Analysis Report 08/13/04 02:14:25 AM

Method: EPA3 Sample Name: MP26749-LC1 Operator:
Run Time: 08/13/04 02:06:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50880	.49086	.48302	.48901	.49125	.50871	.50133
SDev	.00461	.00460	.00463	.00408	.00449	.00547	.00469
%RSD	.90671	.93608	.95830	.83426	.91302	1.0743	.93601
#1	.51344	.49565	.48749	.49315	.49581	.51468	.50592
#2	.50872	.49043	.48332	.48888	.49110	.50748	.50151
#3	.50422	.48649	.47825	.48500	.48684	.50396	.49654
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	.49218	.19842	.50198	.49157	.48886	.49413	.48660
SDev	.00130	.00203	.00634	.00375	.00465	.00610	.00651
%RSD	.26340	1.0235	1.2622	.76371	.95209	1.2349	1.3370
#1	.49248	.20065	.50880	.49496	.49291	.50056	.48952
#2	.49076	.19793	.50086	.49220	.48988	.48842	.49114
#3	.49330	.19668	.49628	.48754	.48377	.49341	.47915
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	.46136	.49005	4.7615	5.1929	5.1912	5.3636	4.7741
SDev	.00199	.00375	.0380	.0426	.0546	.0556	.0364
%RSD	.43210	.76452	.79887	.82098	1.0510	1.0370	.76186
#1	.46116	.49425	4.7989	5.2343	5.2505	5.4211	4.8059
#2	.46344	.48888	4.7626	5.1954	5.1801	5.3596	4.7820
#3	.45947	.48704	4.7229	5.1491	5.1431	5.3101	4.7344
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	5.3365	.51360	L-.00231	H.25736	L-.00079	.49219	.48338
SDev	.0403	.00374	.00092	.00286	.00288	.00634	.00660
%RSD	.75436	.72767	39.782	1.1096	366.53	1.2888	1.3660
#1	5.3239	.51749	L-.00333	H.26046	H.00248	.49564	.48602
#2	5.3815	.51326	L-.00204	H.25679	L-.00186	.49606	.48825
#3	5.3040	.51004	L-.00155	H.25484	L-.00298	.48487	.4758[illegible]
Errors	LC Pass	LC Pass	LC Low	LC High	LC Low	NOCHECK	NOCHECK

High	6.0000	.60000	.00000	.00000	.00000
Low	4.0000	.40000	.00000	.00000	.00000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.46306	.46016
SDev	.00216	.00230
%RSD	.46682	.49927
#1	.46125	.46076
#2	.46545	.46209
#3	.46249	.45762
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	34399	--	--	--	--	--	--
SDev	363.1331	--	--	--	--	--	--
%RSD	1.055636	--	--	--	--	--	--
#1	34062	--	--	--	--	--	--
#2	34352	--	--	--	--	--	--
#3	34784	--	--	--	--	--	--

Analysis Report 08/13/04 02:22:07 AM

Method: EPA3 Sample Name: MP26749-S1 Operator:
Run Time: 08/13/04 02:14:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0048	.04809	.04631	.46595	.18846	.24849	.51460
SDev	.0230	.00071	.00081	.00720	.00311	.00368	.00763
%RSD	1.1471	1.4681	1.7412	1.5454	1.6503	1.4794	1.4831
#1	1.9801	.04739	.04547	.45857	.18572	.24449	.50668
#2	2.0085	.04808	.04639	.46633	.18783	.24924	.51521
#3	2.0257	.04880	.04707	.47296	.19184	.25173	.52191
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	.47815	.04862	.48459	.47701	1.8725	1.8990	.46660
SDev	.00926	.00139	.00568	.00853	.0241	.0272	.00694
%RSD	1.9373	2.8625	1.1714	1.7890	1.2876	1.4316	1.4876
#1	.46790	.04771	.47876	.46861	1.8483	1.8690	.45980
#2	.48062	.04792	.48489	.47676	1.8726	1.9059	.46634
#3	.48593	.05022	.49010	.48567	1.8965	1.9220	.47367
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	1.8016	.47593	1.9892	57.926	.94180	30.376	29.971
SDev	.0241	.00698	.0335	.929	.01050	.448	.349
%RSD	1.3377	1.4659	1.6826	1.6043	1.1147	1.4747	1.1632
#1	1.7755	.47008	1.9534	56.993	.93586	29.919	29.608
#2	1.8062	.47406	1.9946	57.932	.93561	30.395	30.000
#3	1.8230	.48365	2.0197	58.852	.95392	30.814	30.304
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	61.367	.00188	-.00191	3.1443	.00232	.47010	.46443
SDev	.620	.00128	.00272	.0479	.00371	.00676	.00763
%RSD	1.0108	68.478	142.34	1.5224	159.82	1.4382	1.6420
#1	60.794	.00336	-.00346	3.0934	.00377	.46230	.45815
#2	61.280	.00125	-.00350	3.1511	-.00190	.47371	.46212
#3	62.026	.00102	.00123	3.1885	.00510	.47430	.47292
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	1.8192	1.7924
SDev	.0270	.0227
%RSD	1.4847	1.2672
#1	1.7910	1.7674
#2	1.8219	1.7980
#3	1.8448	1.8118
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	34398	--	--	--	--	--	--
SDev	308.4946	--	--	--	--	--	--
%RSD	.8968490	--	--	--	--	--	--
#1	34710	--	--	--	--	--	--
#2	34389	--	--	--	--	--	--
#3	34094	--	--	--	--	--	--

Analysis Report 08/13/04 02:29:50 AM

Method: EPA3 Sample Name: MP26749-S2 Operator:
Run Time: 08/13/04 02:22:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0057	.04874	.04712	.47199	.19150	.24737	.52004
SDev	.0137	.00038	.00084	.00366	.00113	.00236	.00400
%RSD	.68331	.77215	1.7916	.77604	.59182	.95486	.76852
#1	2.0195	.04914	.04807	.47609	.19269	.24956	.52414
#2	2.0055	.04869	.04683	.47084	.19139	.24767	.51983
#3	1.9921	.04839	.04645	.46904	.19043	.24487	.51616
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	.48250	.04870	.48933	.48688	1.8841	1.9314	.47163
SDev	.00529	.00047	.00443	.00374	.0201	.0198	.00370
%RSD	1.0965	.96127	.90584	.76790	1.0657	1.0250	.78446
#1	.48843	.04922	.49396	.49034	1.8971	1.9492	.47480
#2	.48078	.04833	.48890	.48737	1.8942	1.9348	.47252
#3	.47828	.04854	.48512	.48291	1.8609	1.9101	.46756
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	1.8130	.47900	1.9930	58.060	.95836	29.965	28.837
SDev	.0092	.00585	.0205	.484	.01935	.231	.230
%RSD	.50523	1.2206	1.0296	.83415	2.0191	.76978	.79841
#1	1.8219	.48477	2.0138	58.548	.98001	30.202	29.086
#2	1.8135	.47915	1.9923	58.054	.95230	29.953	28.796
#3	1.8036	.47308	1.9728	57.579	.94276	29.741	28.631
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	60.313	.00139	-.00200	3.1855	-.00088	.47557	.46920
SDev	.387	.00056	.00059	.0265	.00282	.00301	.00407
%RSD	.64225	39.916	29.547	.83220	322.22	.63394	.86629
#1	60.689	.00075	-.00136	3.2126	-.00066	.47794	.47271
#2	60.335	.00168	-.00211	3.1844	-.00380	.47659	.47014
#3	59.915	.00174	-.00253	3.1596	.00183	.47217	.46[illegible]
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

1372

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	1.8366	1.8009
SDev	.0120	.0080
%RSD	.65540	.44443
#1	1.8498	1.8077
#2	1.8341	1.8029
#3	1.8261	1.7920
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	34719	--	--	--	--	--	--
SDev	308.7245	--	--	--	--	--	--
%RSD	.8892177	--	--	--	--	--	--
#1	34392	--	--	--	--	--	--
#2	34758	--	--	--	--	--	--
#3	35006	--	--	--	--	--	--

Analysis Report

08/13/04 02:37:32 AM

Method: EPA3 Sample Name: N74068-1
Run Time: 08/13/04 02:29:54 Operator:
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03513	.00058	-.00006	-.00000	-.00007	-.00083	.02973
SDev	.00016	.00003	.00048	.00034	.00036	.00045	.00013
%RSD	.44941	5.7806	809.47	21966.	506.46	54.686	.44256
#1	.03500	.00061	-.00022	.00037	-.00049	-.00134	.02957
#2	.03530	.00056	-.00045	-.00008	.00012	-.00049	.02982
#3	.03508	.00056	.00048	-.00030	.00016	-.00065	.02979
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	.00950	-.00071	.00081	.01275	.00446	-.00098	.00183
SDev	.00135	.00021	.00039	.00034	.00455	.00490	.00165
%RSD	14.244	30.392	47.931	2.6938	102.00	500.00	90.027
#1	.01090	-.00094	.00058	.01314	.00496	.00355	.00109
#2	.00819	-.00052	.00059	.01248	.00875	-.00031	.00068
#3	.00942	-.00066	.00125	.01263	-.00032	-.00618	.00372
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	.00191	.00672	.04484	32.885	.05062	5.1018	2.7205
SDev	.00243	.00259	.00317	.065	.01621	.0184	.0052
%RSD	127.34	38.529	7.0774	.19823	32.029	.36112	.18990
#1	.00218	.00551	.04138	32.824	.03216	5.0806	2.7147
#2	-.00065	.00496	.04550	32.877	.05711	5.1116	2.7246
#3	.00418	.00969	.04762	32.954	.06258	5.1134	2.7222
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	34.590	.00064	-.00115	3.1578	-.00301	.00191	.00127
SDev	.111	.00092	.00134	.0067	.00458	.00222	.00224
%RSD	.32134	143.93	116.29	.21204	152.00	116.48	176.94
#1	34.520	.00108	-.00263	3.1501	-.00687	-.00066	.00144
#2	34.532	-.00042	-.00081	3.1614	-.00422	.00310	-.00106
#3	34.718	.00125	-.00002	3.1619	.00205	.00327	.00142
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	-.00237	.00369
SDev	.00490	.00119
%RSD	206.34	32.243
#1	-.00191	.00388
#2	-.00749	.00242
#3	.00228	.00478
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	34213	--	--	--	--	--	--
SDev	18.35446	--	--	--	--	--	--
%RSD	.0536471	--	--	--	--	--	--
#1	34205	--	--	--	--	--	--
#2	34201	--	--	--	--	--	--
#3	34234	--	--	--	--	--	--

Analysis Report 08/13/04 02:45:14 AM

Method: EPA3 Sample Name: MP26749-SD1 Operator:
Run Time: 08/13/04 02:37:36
Comment:
Mode: CONC Corr. Factor: 5

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04294	.00049	-.00148	-.00271	.02008	-.00539	.03249
SDev	.00017	.00008	.00121	.00715	.00249	.00244	.00048
%RSD	.38655	16.949	81.399	264.36	12.397	45.278	1.4870
#1	.04308	.00048	-.00071	.00164	.02282	-.00327	.03275
#2	.04276	.00058	-.00087	.00120	.01947	-.00484	.03278
#3	.04299	.00042	-.00288	-.01096	.01795	-.00805	.03193
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	.01682	.00009	.00233	.03781	.00574	-.00475	-.00062
SDev	.00198	.00442	.00205	.00304	.01229	.02607	.00869
%RSD	11.782	4656.5	88.319	8.0285	214.15	548.38	1411.0
#1	.01518	.00461	.00203	.04131	.01909	L-.02613	L-.01033
#2	.01903	-.00011	.00044	.03628	.00322	.02429	.00645
#3	.01626	-.00422	.00451	.03585	L-.00510	L-.01243	.00203
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	.00072	.00332	.03522	33.380	.26369	5.1814	1.4544
SDev	.00296	.00646	.01103	.245	.04934	.0307	.0753
%RSD	408.03	194.19	31.312	.73341	18.711	.59304	5.1797
#1	.00240	.01078	.04600	33.101	.30052	5.1763	1.3712
#2	.00247	-.00063	.03569	33.478	.28293	5.2144	1.4743
#3	-.00269	-.00017	.02396	33.561	.20763	5.1536	1.5179
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	34.145	.00267	.00262	3.3010	-.00488	-.00020	-.00341
SDev	.119	.00590	.01073	.0356	.01291	.01169	.01304
%RSD	.34793	220.76	409.23	1.0780	264.67	5927.1	382.79
#1	34.071	-.00232	.01228	3.2600	-.00902	-.00644	-.01482
#2	34.282	.00919	.00452	3.3245	.00960	-.00743	.01080
#3	34.081	.00115	-.00893	3.3184	L-.01521	.01329	-.00620
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	-.00618	.00245
SDev	.00766	.00277
%RSD	123.96	112.82
#1	.00200	.00089
#2	-.00736	.00565
#3	-.01317	.00082
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	34884	--	--	--	--	--	--
SDev	319.3717	--	--	--	--	--	--
%RSD	.9155317	--	--	--	--	--	--
#1	35249	--	--	--	--	--	--
#2	34746	--	--	--	--	--	--
#3	34656	--	--	--	--	--	--

Analysis Report 08/13/04 02:52:57 AM

Method: EPA3 Sample Name: N73746-1 Operator:
Run Time: 08/13/04 02:45:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07841	-.00000	.00027	-.00028	.00206	.00639	.03580
SDev	.00019	.00003	.00009	.00076	.00030	.00034	.00023
%RSD	.24155	589.26	33.332	268.70	14.814	5.3198	.63644
#1	.07840	.00001	.00017	-.00002	.00180	.00647	.03583
#2	.07823	.00001	.00035	-.00114	.00197	.00601	.03556
#3	.07861	-.00003	.00029	.00031	.00239	.00668	.03601
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	.00313	-.00103	.00539	.02665	.00674	.00067	.00350
SDev	.00143	.00029	.00081	.00031	.00465	.00348	.00131
%RSD	45.633	28.252	14.996	1.1744	68.946	522.39	37.578
#1	.00161	-.00134	.00602	.02675	.00974	.00212	.00269
#2	.00445	-.00098	.00447	.02630	.00139	-.00331	.00278
#3	.00334	-.00076	.00566	.02690	.00910	.00319	.00501
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	.00280	.00259	1.3880	70.207	2.5479	8.9214	6.2528
SDev	.00125	.00221	.0046	.402	.0164	.0423	.0245
%RSD	44.560	85.079	.33255	.57276	.64520	.47435	.39225
#1	.00189	.00296	1.3894	70.358	2.5646	8.9452	6.2629
#2	.00422	.00459	1.3828	69.751	2.5318	8.8726	6.2249
#3	.00228	.00023	1.3917	70.512	2.5471	8.9465	6.2707
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	81.085	.00777	-.00114	3.7565	-.00104	.00176	.00384
SDev	.332	.00090	.00068	.0251	.00264	.00175	.00174
%RSD	.40982	11.545	59.984	.66835	254.09	99.473	45.217
#1	81.158	.00676	-.00183	3.7700	.00151	.00276	.00214
#2	80.722	.00809	-.00112	3.7275	-.00376	-.00026	.0037[illegible]
#3	81.374	.00847	-.00046	3.7719	-.00087	.00277	.00561
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	.00081	.00344
SDev	.00200	.00192
%RSD	248.04	55.747
#1	-.00126	.00311
#2	.00095	.00550
#3	.00274	.00171
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	34355	--	--	--	--	--	--
SDev	153.9339	--	--	--	--	--	--
%RSD	.4480623	--	--	--	--	--	--
#1	34224	--	--	--	--	--	--
#2	34525	--	--	--	--	--	--
#3	34318	--	--	--	--	--	--

Analysis Report 08/13/04 03:00:39 AM

Method: EPA3 Sample Name: N73746-2 Operator:
Run Time: 08/13/04 02:53:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02637	-.00000	.00037	-.00011	.00406	.01082	.03166
SDev	.00042	.00005	.00042	.00046	.00022	.00061	.00051
%RSD	1.6105	2113.8	112.31	422.26	5.4404	5.6007	1.6069
#1	.02603	-.00003	.00036	-.00048	.00410	.01025	.03119
#2	.02623	-.00003	.00079	-.00026	.00382	.01075	.03160
#3	.02684	.00005	-.00004	.00041	.00426	.01145	.03220
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	.00387	-.00070	.01213	.00908	.00562	-.00268	.00166
SDev	.00215	.00018	.00034	.00013	.00201	.00436	.00183
%RSD	55.538	25.271	2.7914	1.4345	35.752	162.69	110.13
#1	.00580	-.00070	.01196	.00913	.00717	.00228	.00367
#2	.00155	-.00088	.01192	.00893	.00635	-.00439	.00123
#3	.00426	-.00053	.01252	.00918	.00335	-.00593	.00008
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	.00240	.00187	2.1131	41.193	8.7818	11.035	5.5401
SDev	.00254	.00284	.0291	.533	.1299	.141	.0718
%RSD	106.25	151.38	1.3776	1.2945	1.4788	1.2743	1.2957
#1	.00328	-.00053	2.0850	40.647	8.6426	10.900	5.4659
#2	.00438	.00115	2.1110	41.221	8.8031	11.023	5.5451
#3	-.00048	.00500	2.1431	41.712	8.8997	11.181	5.6092
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	17.521	.00106	-.00191	2.2884	.00083	.00145	.00143
SDev	.317	.00075	.00159	.0301	.00176	.00117	.00265
%RSD	1.8066	70.226	83.357	1.3166	211.78	80.280	185.39
#1	17.158	.00098	-.00258	2.2573	-.00001	.00140	.00447
#2	17.664	.00184	-.00305	2.2904	-.00035	.00264	.00019
#3	17.740	.00036	-.00009	2.3175	.00286	.00031	-.00037
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	.00190	.00235
SDev	.00343	.00281
%RSD	180.93	119.85
#1	.00535	.00196
#2	.00187	.00533
#3	-.00152	-.00025
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	35230	--	--	--	--	--	--
SDev	277.7134	--	--	--	--	--	--
%RSD	.7882837	--	--	--	--	--	--
#1	35498	--	--	--	--	--	--
#2	35250	--	--	--	--	--	--
#3	34943	--	--	--	--	--	--

Analysis Report 08/13/04 03:08:20 AM

Method: EPA3 Sample Name: N73746-3 Operator:
Run Time: 08/13/04 03:00:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.31182	.00033	.00134	.01730	.00116	.00141	.15196
SDev	.00323	.00001	.00021	.00053	.00003	.00057	.00136
%RSD	1.0350	1.5094	16.016	3.0535	2.5904	40.189	.89667
#1	.31376	.00034	.00139	.01784	.00113	.00205	.15250
#2	.31361	.00033	.00110	.01678	.00115	.00098	.15297
#3	.30809	.00033	.00152	.01727	.00119	.00119	.15041
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	.00999	-.00049	.00019	.15640	.00429	-.00487	.00189
SDev	.00013	.00008	.00048	.00178	.00206	.00370	.00048
%RSD	1.2982	16.573	248.22	1.1346	47.940	75.972	25.586
#1	.00990	-.00051	-.00022	.15739	.00203	-.00568	.00239
#2	.00994	-.00039	.00072	.15746	.00480	-.00808	.00143
#3	.01014	-.00055	.00009	.15435	.00604	-.00083	.00183
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	.00308	.00216	1.6402	21.861	3.0397	8.2635	.99908
SDev	.00320	.00223	.0226	.238	.0311	.0897	.03324
%RSD	103.94	103.32	1.3754	1.0877	1.0239	1.0854	3.3270
#1	.00672	.00259	1.6507	21.992	3.0684	8.3182	1.0245
#2	.00179	.00414	1.6555	22.004	3.0440	8.3123	1.0113
#3	.00073	-.00026	1.6143	21.587	3.0066	8.1600	.96146
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	94.005	.00143	-.00243	2.7239	-.00088	-.00001	.00233
SDev	.751	.00066	.00063	.0355	.00171	.00419	.00265
%RSD	.79939	46.340	25.952	1.3020	194.46	58506.	113.41
#1	94.341	.00073	-.00276	2.7388	.00100	-.00453	.00535
#2	94.530	.00204	-.00282	2.7495	-.00128	.00075	.00127
#3	93.144	.00151	-.00170	2.6834	-.00235	.00376	.00038
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	-.00069	.00463
SDev	.00122	.00427
%RSD	176.01	92.234
#1	.00063	.00943
#2	-.00177	.00324
#3	-.00094	.00123
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	36211	--	--	--	--	--	--
SDev	448.4710	--	--	--	--	--	--
%RSD	1.238478	--	--	--	--	--	--
#1	35780	--	--	--	--	--	--
#2	36179	--	--	--	--	--	--
#3	36675	--	--	--	--	--	--

Method: EPA3 Sample Name: ccv Operator:
Run Time: 08/13/04 03:08:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0793	1.9858	1.9145	1.9439	1.9844	2.0464	1.9981
SDev	.0205	.0207	.0224	.0191	.0213	.0206	.0201
%RSD	.98361	1.0441	1.1694	.98326	1.0742	1.0062	1.0071
#1	Q2.1023	2.0097	1.9403	1.9659	2.0090	2.0701	2.0213
#2	2.0630	1.9744	Q1.8996	1.9333	1.9711	2.0326	1.9864
#3	2.0727	1.9733	1.9037	1.9323	1.9730	2.0366	1.9865
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	1.9609	.25856	2.0358	1.9256	1.9707	2.0026	1.9457
SDev	.0203	.00264	.0260	.0203	.0217	.0274	.0146
%RSD	1.0356	1.0219	1.2795	1.0552	1.1024	1.3706	.74876
#1	1.9843	.26161	2.0658	1.9491	1.9958	2.0337	1.9595
#2	1.9504	.25709	2.0196	1.9141	1.9581	1.9927	1.9472
#3	1.9480	.25699	2.0219	1.9136	1.9582	1.9816	1.9305
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	1.9568	1.9657	40.571	38.629	40.252	40.216	41.193
SDev	.0105	.0220	.412	.396	.381	.380	.372
%RSD	.53656	1.1215	1.0164	1.0255	.94694	.94523	.90409
#1	1.9688	1.9904	41.038	39.086	40.688	40.653	41.587
#2	1.9527	1.9480	40.256	38.387	39.982	39.964	40.846
#3	1.9490	1.9587	40.420	38.413	40.086	40.030	41.147
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	41.517	2.0326	2.0007	5.1636	2.0048	1.9673	1.9345
SDev	.519	.0167	.0202	.0565	.0199	.0215	.0114
%RSD	1.2503	.81939	1.0089	1.0939	.99070	1.0951	.59180
#1	Q42.099	2.0511	2.0239	5.2288	2.0277	1.9844	1.9465
#2	41.102	2.0189	1.9869	5.1286	1.9929	1.9744	1.9332
#3	41.349	2.0277	1.9914	5.1334	1.9938	1.9431	1.9237
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	1.9645	1.9527
SDev	.0219	.0081
%RSD	1.1169	.41556
#1	1.9842	1.9607
#2	1.9684	1.9445
#3	1.9408	1.9528
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	34488	--	--	--	--	--	--
SDev	198.9273	--	--	--	--	--	--
%RSD	.5768017	--	--	--	--	--	--
#1	34259	--	--	--	--	--	--
#2	34585	--	--	--	--	--	--
#3	34620	--	--	--	--	--	--

Method: EPA3 Sample Name: ccb Operator:
Run Time: 08/13/04 03:16:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00050	Q.00060	.00061	.00005	.00046	-.00130	.00061
SDev	.00022	.00021	.00030	.00017	.00035	.00043	.00016
%RSD	44.896	34.918	48.566	324.49	75.178	32.699	26.903
#1	.00024	.00045	.00033	.00002	.00018	-.00117	.00052
#2	.00064	.00050	.00057	-.00010	.00036	-.00178	.00051
#3	.00062	Q.00083	Q.00092	.00024	.00085	-.00096	.00080
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	.00056	-.00048	.00072	.00063	.00304	.00155	-.00043
SDev	.00143	.00024	.00101	.00026	.00193	.00448	.00147
%RSD	256.65	49.887	140.78	41.679	63.477	288.47	344.64
#1	.00050	-.00022	-.00042	.00037	Q.00525	.00665	-.00057
#2	-.00084	-.00052	.00152	.00090	.00167	-.00021	-.00182
#3	.00201	-.00070	.00106	.00064	.00220	-.00178	.00111
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	.00205	.00050	-.01563	.02527	.00266	-.29966
SDev	.00044	.00117	.00417	.00287	.00944	.00777	.00712
%RSD	52.911	57.314	837.17	18.341	37.368	291.81	2.3751
#1	.00116	.00306	-.00202	-.01727	.02938	-.00477	-.29148
#2	.00033	.00231	-.00180	-.01730	.01447	.00202	-.30308
#3	.00102	.00076	.00531	-.01232	.03195	.01073	-.30443
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	-.03570	.00211	.00039	-.01165	.00239	-.00124	-.00048
SDev	.03690	.00088	.00039	.00153	.00341	.00101	.00270
%RSD	103.38	41.561	101.60	13.173	142.61	81.542	562.36
#1	-.07735	.00177	.00001	-.01121	.00305	-.00122	-.00059
#2	-.00707	.00146	.00036	-.01336	.00543	-.00024	-.00213
#3	-.02267	Q.00311	.00079	-.01039	-.00130	-.00225	.00228
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	.00014	.00086
SDev	.00593	.00356
%RSD	4148.7	416.40
#1	-.00104	.00196
#2	.00657	-.00313
#3	-.00510	.00374
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	34838	--	--	--	--	--	--
SDev	189.3777	--	--	--	--	--	--
%RSD	.5435930	--	--	--	--	--	--
#1	34727	--	--	--	--	--	--
#2	35057	--	--	--	--	--	--
#3	34730	--	--	--	--	--	--

Analysis Report 08/13/04 03:31:29 AM

Method: EPA3 Sample Name: N73746-4 Operator:
Run Time: 08/13/04 03:23:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12272	.00064	.00063	.02239	.00524	.01460	.31532
SDev	.00175	.00002	.00027	.00059	.00027	.00074	.00448
%RSD	1.4279	2.6310	42.514	2.6415	5.1283	5.0684	1.4207
#1	.12106	.00065	.00093	.02187	.00541	.01399	.31106
#2	.12455	.00062	.00041	.02304	.00493	.01542	.31999
#3	.12254	.00065	.00055	.02228	.00539	.01437	.31490
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	.00724	-.00042	.00367	.07845	.00334	-.00184	.00108
SDev	.00222	.00043	.00053	.00072	.00355	.00196	.00198
%RSD	30.689	102.72	14.560	.92144	106.13	106.96	183.67
#1	.00588	-.00042	.00420	.07776	.00685	-.00014	.00247
#2	.00981	-.00085	.00366	.07921	.00342	-.00138	-.00119
#3	.00604	.00001	.00313	.07839	-.00024	-.00399	.00194
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	-.00067	.00246	2.8489	.98009	1.8584	1.3913	.56656
SDev	.00325	.00238	.0544	.01419	.0237	.0184	.02961
%RSD	484.83	96.792	1.9086	1.4475	1.2770	1.3252	5.2269
#1	.00244	.00078	2.7986	.96573	1.8353	1.3780	.53803
#2	-.00405	.00518	2.9066	.99409	1.8827	1.4123	.59715
#3	-.00040	.00142	2.8415	.98044	1.8572	1.3835	.56448
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	5.6287	.00022	-.00186	4.3734	-.00163	.00161	.00030
SDev	.2363	.00069	.00090	.0669	.00124	.00189	.00301
%RSD	4.1985	307.94	48.414	1.5297	76.099	117.12	987.25
#1	5.3748	.00084	-.00175	4.3084	-.00170	.00349	.00147
#2	5.8422	.00036	-.00282	4.4421	-.00283	.00165	-.00311
#3	5.6690	-.00052	-.00102	4.3697	-.00035	-.00029	.00256
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	-.00139	-.00065
SDev	.00152	.00416
%RSD	109.62	641.38
#1	-.00029	.00347
#2	-.00312	-.00486
#3	-.00075	-.00055
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	35769	--	--	--	--	--	--
SDev	400.2927	--	--	--	--	--	--
%RSD	1.119103	--	--	--	--	--	--
#1	36138	--	--	--	--	--	--
#2	35343	--	--	--	--	--	--
#3	35826	--	--	--	--	--	--

Method: EPA3 Sample Name: N73746-5 Operator:
Run Time: 08/13/04 03:31:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06502	.00018	.00000	.00121	.00598	.01566	.12494
SDev	.00055	.00003	.00014	.00014	.00035	.00048	.00128
%RSD	.84850	15.824	88282.	11.142	5.7777	3.0904	1.0282
#1	.06441	.00019	.00010	.00112	.00589	.01519	.12346
#2	.06547	.00015	.00006	.00115	.00569	.01616	.12576
#3	.06520	.00021	-.00015	.00137	.00636	.01565	.12559
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	-.00054	.00340	.00997	.00401	-.00083	.00212
SDev	.00128	.00005	.00043	.00022	.00383	.00455	.00122
%RSD	20.647	10.032	12.728	2.1981	95.485	549.35	57.428
#1	.00569	-.00049	.00320	.01000	.00091	.00039	.00201
#2	.00766	-.00054	.00390	.00974	.00283	-.00586	.00339
#3	.00526	-.00060	.00310	.01018	.00828	.00299	.00096
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	.00029	3.3516	18.869	2.8909	10.212	1.3608
SDev	.00319	.00404	.0416	.183	.0432	.111	.0285
%RSD	1370.3	1412.7	1.2406	.96846	1.4947	1.0852	2.0958
#1	-.00391	.00265	3.3037	18.658	2.8429	10.085	1.3287
#2	.00138	-.00437	3.3785	18.972	2.9028	10.287	1.3704
#3	.00183	.00258	3.3726	18.978	2.9269	10.264	1.3833
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	28.241	.00109	-.00132	3.8558	-.00175	.00019	.00263
SDev	.340	.00093	.00028	.0340	.00194	.00165	.00220
%RSD	1.2028	85.644	21.177	.88125	110.72	879.96	83.590
#1	27.856	.00207	-.00126	3.8166	.00032	.00202	.00149
#2	28.500	.00021	-.00162	3.8776	-.00206	-.00119	.00517
#3	28.366	.00100	-.00107	3.8732	-.00353	-.00026	.00123
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	-.00505	.00185
SDev	.00443	.00311
%RSD	87.651	167.97
#1	-.00924	-.00158
#2	-.00551	.00448
#3	-.00041	.00266
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	35347	--	--	--	--	--	--
SDev	240.3516	--	--	--	--	--	--
%RSD	.6799836	--	--	--	--	--	--
#1	35623	--	--	--	--	--	--
#2	35229	--	--	--	--	--	--
#3	35188	--	--	--	--	--	--

Analysis Report 08/13/04 03:46:53 AM

Method: EPA3 Sample Name: N73746-6 Operator:
Run Time: 08/13/04 03:39:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01340	-.00004	-.00031	-.00060	.00175	.01045	.06048
SDev	.00036	.00003	.00046	.00149	.00096	.00104	.00053
%RSD	2.6587	83.040	147.76	248.44	54.602	10.003	.87632
#1	.01327	-.00000	-.00031	.00062	.00190	.01095	.06042
#2	.01313	-.00006	-.00076	-.00227	.00073	.00925	.05999
#3	.01381	-.00004	.00015	-.00015	.00262	.01115	.06104
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	.00128	-.00105	.00249	.00688	.00117	-.00031	.00141
SDev	.00198	.00122	.00032	.00058	.00311	.00356	.00088
%RSD	154.54	115.66	12.695	8.4309	265.19	1135.0	62.178
#1	.00331	-.00011	.00281	.00725	.00163	.00263	.00042
#2	-.00066	-.00243	.00246	.00621	-.00214	-.00427	.00175
#3	.00120	-.00062	.00219	.00717	.00402	.00071	.00208
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	-.00057	.00130	1.8596	5.5545	1.6015	2.3026	.16995
SDev	.00271	.00364	.0179	.0440	.0146	.0263	.01577
%RSD	471.57	280.38	.96343	.79166	.91417	1.1442	9.2810
#1	-.00342	.00396	1.8538	5.5385	1.5956	2.3048	.17367
#2	-.00027	-.00285	1.8454	5.5208	1.5908	2.2752	.15265
#3	.00197	.00279	1.8797	5.6042	1.6182	2.3278	.18353
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	20.575	.00110	-.00300	3.3439	.00222	-.00044	.00188
SDev	.382	.00111	.00252	.0323	.00142	.00248	.00076
%RSD	1.8574	100.80	84.045	.96485	63.797	562.83	40.336
#1	20.152	.00194	-.00158	3.3452	.00159	-.00305	.00180
#2	20.896	.00152	-.00591	3.3110	.00122	.00190	.00116
#3	20.678	-.00016	-.00150	3.3755	.00384	-.00017	.0026[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	-.00098	-.00071
SDev	.00513	.00167
%RSD	524.32	236.10
#1	-.00680	-.00204
#2	.00099	-.00125
#3	.00288	.00117
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	34415	--	--	--	--	--	--
SDev	338.4810	--	--	--	--	--	--
%RSD	.9835144	--	--	--	--	--	--
#1	34424	--	--	--	--	--	--
#2	34750	--	--	--	--	--	--
#3	34073	--	--	--	--	--	--

Analysis Report 08/13/04 03:54:35 AM

Method: EPA3 Sample Name: N73746-7 Operator:
Run Time: 08/13/04 03:46:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.31121	.00024	.00103	.00535	.00177	.00168	.06053
SDev	.00084	.00003	.00031	.00058	.00022	.00032	.00020
%RSD	.27105	10.325	30.226	10.796	12.293	19.322	.32659
#1	.31070	.00022	.00087	.00471	.00165	.00159	.06030
#2	.31219	.00024	.00083	.00582	.00165	.00141	.06065
#3	.31075	.00027	.00139	.00553	.00202	.00204	.06064
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	.00653	-.00048	.00115	.17858	-.00229	-.00130	.00245
SDev	.00118	.00018	.00009	.00098	.00838	.00155	.00030
%RSD	17.998	36.772	7.7528	.54939	365.65	119.69	12.414
#1	.00578	-.00067	.00125	.17775	L-.01111	-.00018	.00239
#2	.00789	-.00045	.00109	.17833	.00558	-.00307	.00278
#3	.00593	-.00032	.00110	.17966	-.00135	-.00064	.00219
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	.00094	.00224	1.1528	5.6760	1.8609	2.4924	1.0231
SDev	.00073	.00526	.0036	.0174	.0111	.0101	.0187
%RSD	78.053	234.51	.31074	.30574	.59585	.40603	1.8318
#1	.00075	-.00333	1.1488	5.6580	1.8503	2.4807	1.0036
#2	.00032	.00713	1.1556	5.6774	1.8598	2.4983	1.0249
#3	.00175	.00294	1.1540	5.6927	1.8724	2.4982	1.0409
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	99.390	.00052	-.00097	2.3756	-.00080	.00057	.00287
SDev	.372	.00010	.00101	.0036	.00238	.00262	.00085
%RSD	.37473	19.192	103.98	.15073	297.37	455.72	29.678
#1	98.997	.00062	.00001	2.3717	-.00330	-.00013	.00313
#2	99.738	.00042	-.00201	2.3765	-.00051	.00347	.0019[illegible]
#3	99.436	.00053	-.00091	2.3787	.00142	-.00162	.00357
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

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High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00528	.00370
SDev	.00091	.00155
%RSD	17.192	41.811
#1	-.00490	.00323
#2	-.00463	.00244
#3	-.00632	.00543
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	34554	--	--	--	--	--	--
SDev	130.5746	--	--	--	--	--	--
%RSD	.3778872	--	--	--	--	--	--
#1	34648	--	--	--	--	--	--
#2	34609	--	--	--	--	--	--
#3	34405	--	--	--	--	--	--

Analysis Report 08/13/04 04:02:17 AM

Method: EPA3 Sample Name: N73746-8 Operator:
Run Time: 08/13/04 03:54:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10879	.00015	.00046	.01346	.00140	.00074	.21971
SDev	.00162	.00003	.00015	.00075	.00030	.00006	.00331
%RSD	1.4902	20.020	31.996	5.5323	21.692	7.6464	1.5068
#1	.10692	.00014	.00046	.01264	.00176	.00072	.21589
#2	.10985	.00019	.00032	.01410	.00121	.00070	.22183
#3	.10959	.00013	.00061	.01364	.00125	.00080	.22140
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	.00409	-.00077	.00047	.23738	-.00181	.00293	.00042
SDev	.00026	.00027	.00048	.00299	.00178	.00576	.00022
%RSD	6.2320	35.271	101.58	1.2581	98.462	196.64	52.962
#1	.00382	-.00046	.00095	.23396	.00025	.00710	.00019
#2	.00412	-.00096	-.00001	.23946	-.00289	-.00364	.00063
#3	.00432	-.00088	.00048	.23873	-.00278	.00532	.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	.00083	.00103	.32014	5.9129	1.1000	2.1404	1.7034
SDev	.00102	.00167	.00377	.0930	.0121	.0300	.0471
%RSD	123.64	161.33	1.1766	1.5735	1.1003	1.4036	2.7627
#1	-.00017	.00295	.31841	5.8056	1.0864	2.1059	1.6492
#2	.00078	-.00008	.31755	5.9718	1.1040	2.1600	1.7279
#3	.00187	.00023	.32446	5.9611	1.1096	2.1555	1.7332
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	3.6778	.00035	-.00251	2.6963	-.00328	-.00120	.00077
SDev	.1030	.00045	.00131	.0384	.00180	.00066	.00026
%RSD	2.8008	130.66	52.128	1.4224	54.713	55.104	33.903
#1	3.5801	.00021	-.00184	2.6521	-.00438	-.00195	.00092
#2	3.7854	.00085	-.00168	2.7207	-.00427	-.00099	.00092
#3	3.6679	-.00002	-.00402	2.7161	-.00121	-.00067	.00047
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	-.00200	.00191
SDev	.00289	.00293
%RSD	144.27	153.37
#1	.00025	-.00068
#2	-.00100	.00132
#3	-.00526	.00509
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	34859	--	--	--	--	--	--
SDev	335.3804	--	--	--	--	--	--
%RSD	.9621148	--	--	--	--	--	--
#1	35245	--	--	--	--	--	--
#2	34640	--	--	--	--	--	--
#3	34691	--	--	--	--	--	--

Analysis Report 08/13/04 04:09:59 AM

Method: EPA3 Sample Name: N73746-9 Operator:
Run Time: 08/13/04 04:02:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12163	.00063	.00022	.00913	.00338	.01582	.12663
SDev	.00128	.00001	.00042	.00052	.00055	.00034	.00104
%RSD	1.0528	2.0259	191.71	5.7187	16.202	2.1374	.81831
#1	.12155	.00062	-.00012	.00857	.00325	.01621	.12589
#2	.12039	.00062	.00068	.00960	.00398	.01563	.12618
#3	.12294	.00064	.00009	.00923	.00290	.01562	.12781
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	.00597	-.00015	.00459	.03960	-.00009	-.00201	.00393
SDev	.00181	.00043	.00031	.00052	.00169	.00515	.00269
%RSD	30.241	289.93	6.8444	1.3175	1877.0	256.20	68.570
#1	.00692	-.00014	.00494	.03916	.00013	.00067	.00264
#2	.00712	.00028	.00446	.03945	.00148	.00125	.00213
#3	.00389	-.00058	.00435	.04017	-.00188	-.00795	.00703
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	.00266	.00127	3.3527	4.1044	2.2198	2.6351	1.0971
SDev	.00283	.00278	.0358	.0306	.0311	.0218	.0244
%RSD	106.04	219.52	1.0667	.74550	1.3993	.82892	2.2249
#1	.00547	.00098	3.3395	4.0936	2.2226	2.6225	1.0802
#2	-.00018	-.00136	3.3254	4.0807	2.1875	2.6225	1.0860
#3	.00270	.00418	3.3932	4.1390	2.2494	2.6603	1.1251
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	3.5880	.00067	-.00383	4.4625	.00018	.00481	.00298
SDev	.0582	.00048	.00121	.0422	.00218	.00383	.00217
%RSD	1.6225	71.823	31.481	.94591	1190.4	79.570	72.846
#1	3.5554	.00122	-.00505	4.4458	-.00233	.00360	.00164
#2	3.6552	.00033	-.00264	4.4312	.00130	.00174	.00181
#3	3.5534	.00046	-.00379	4.5105	.00158	.00910	.00548
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	-.00378	.00554
SDev	.00055	.00451
%RSD	14.492	81.404
#1	-.00432	.01002
#2	-.00322	.00100
#3	-.00380	.00561
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	34926	--	--	--	--	--	--
SDev	208.5585	--	--	--	--	--	--
%RSD	.5971372	--	--	--	--	--	--
#1	35118	--	--	--	--	--	--
#2	34958	--	--	--	--	--	--
#3	34704	--	--	--	--	--	--

Analysis Report 08/13/04 04:17:40 AM

Method: EPA3 Sample Name: N74068-1F Operator:
Run Time: 08/13/04 04:10:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03499	.00057	-.00018	.00038	.00010	-.00118	.03017
SDev	.00043	.00002	.00018	.00037	.00028	.00026	.00036
%RSD	1.2168	3.5126	101.49	97.948	298.53	21.767	1.1780
#1	.03524	.00057	-.00025	.00002	.00042	-.00111	.03038
#2	.03450	.00055	.00003	.00077	-.00012	-.00147	.02976
#3	.03523	.00059	-.00030	.00035	-.00002	-.00097	.03038
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	.00852	-.00080	.00062	.01533	.00144	-.00223	-.00034
SDev	.00113	.00027	.00097	.00077	.00313	.00487	.00047
%RSD	13.266	33.791	155.14	5.0216	217.77	218.79	139.38
#1	.00795	-.00110	.00172	.01621	.00080	.00335	-.00029
#2	.00779	-.00058	-.00009	.01481	.00483	-.00438	-.00083
#3	.00983	-.00073	.00024	.01496	-.00132	-.00566	.00011
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	.00188	.00711	.04686	33.635	.04101	5.1710	2.7500
SDev	.00351	.00090	.00520	.384	.00818	.0611	.0454
%RSD	186.29	12.639	11.097	1.1408	19.947	1.1816	1.6494
#1	.00448	.00799	.04867	33.844	.04967	5.2028	2.7625
#2	-.00211	.00620	.04100	33.192	.03994	5.1006	2.6997
#3	.00328	.00714	.05091	33.869	.03342	5.2097	2.7877
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	34.768	.00092	-.00021	3.1983	.00119	.00061	-.00133
SDev	.304	.00075	.00039	.0368	.00049	.00438	.00217
%RSD	.87355	81.312	187.91	1.1496	40.970	716.55	163.86
#1	34.916	.00010	-.00033	3.2262	.00088	.00564	-.00378
#2	34.418	.00155	-.00052	3.1566	.00094	-.00236	-.00057
#3	34.969	.00110	.00023	3.2121	.00175	-.00145	.00037
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

1400

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	-.00108	.00302
SDev	.00575	.00269
%RSD	530.40	89.143
#1	.00132	.00571
#2	-.00765	.00032
#3	.00307	.00303
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	34837	--	--	--	--	--	--
SDev	347.3374	--	--	--	--	--	--
%RSD	.9970492	--	--	--	--	--	--
#1	34634	--	--	--	--	--	--
#2	35238	--	--	--	--	--	--
#3	34638	--	--	--	--	--	--

Analysis Report 08/13/04 04:25:22 AM page 1

Method: EPA3 Sample Name: N74439-1 Operator:
Run Time: 08/13/04 04:17:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11933	-.00003	.00015	-.00127	-.00038	.00045	.07561
SDev	.00065	.00004	.00043	.00101	.00057	.00028	.00024
%RSD	.54397	110.29	288.64	79.316	150.14	60.885	.31148
#1	.11976	-.00007	-.00033	-.00241	-.00101	.00031	.07538
#2	.11965	-.00003	.00029	-.00086	.00010	.00028	.07585
#3	.11859	.00000	.00049	-.00053	-.00022	.00077	.07559
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	.00513	-.00148	.00115	.39442	-.00127	-.00225	.00138
SDev	.00111	.00045	.00087	.00243	.00579	.00650	.00230
%RSD	21.568	30.299	75.518	.61681	455.36	288.56	166.51
#1	.00387	-.00200	.00214	.39161	L-.00783	.00525	-.00115
#2	.00553	-.00119	.00082	.39588	.00313	-.00586	.00335
#3	.00597	-.00126	.00050	.39576	.00089	-.00615	.00195
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	.00397	.00091	.15154	41.102	.29021	6.4945	8.9071
SDev	.00226	.00115	.00210	.133	.01366	.0136	.0678
%RSD	56.893	126.21	1.3863	.32314	4.7054	.20992	.76076
#1	.00546	.00013	.14987	40.961	.27922	6.4959	8.9829
#2	.00137	.00224	.15390	41.225	.28591	6.5073	8.8859
#3	.00509	.00037	.15086	41.121	.30550	6.4802	8.8524
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	41.346	.00214	-.00339	12.493	-.00065	.00808	-.00248
SDev	.186	.00095	.00349	.038	.00380	.01252	.00971
%RSD	.44888	44.626	102.95	.30068	586.21	154.90	390.93
#1	41.404	.00324	-.00743	12.525	.00360	.02198	-.01324
#2	41.497	.00157	-.00133	12.504	-.00373	-.00230	.00565
#3	41.139	.00160	-.00142	12.452	-.00182	.00456	.00013
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

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High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.00790	.00166
SDev	.00786	.00184
%RSD	99.450	110.44
#1	.01596	-.00013
#2	.00025	.00159
#3	.00751	.00354
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	34731	--	--	--	--	--	--
SDev	230.9040	--	--	--	--	--	--
%RSD	.6648317	--	--	--	--	--	--
#1	34492	--	--	--	--	--	--
#2	34749	--	--	--	--	--	--
#3	34953	--	--	--	--	--	--

Analysis Report 08/13/04 04:33:04 AM

Method: EPA3 Sample Name: N74439-2 Operator:
Run Time: 08/13/04 04:25:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08418	-.00000	-.00013	-.00047	.00062	.01333	.16702
SDev	.00013	.00003	.00026	.00067	.00044	.00050	.00019
%RSD	.15056	583.81	208.72	141.75	71.353	3.7589	.11631
#1	.08425	.00001	-.00016	-.00106	.00111	.01390	.16719
#2	.08403	.00001	-.00037	-.00062	.00029	.01296	.16681
#3	.08425	-.00003	.00015	.00026	.00045	.01313	.16708
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	.00230	-.00048	.00746	.02123	.00759	.00095	.00273
SDev	.00111	.00025	.00035	.00011	.00363	.00562	.00155
%RSD	48.456	52.956	4.6357	.49595	47.869	594.25	56.696
#1	.00125	-.00047	.00774	.02112	.01049	.00552	.00144
#2	.00217	-.00074	.00708	.02125	.00352	-.00532	.00231
#3	.00346	-.00023	.00757	.02133	.00876	.00264	.00445
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	.00284	.00644	.16704	35.548	1.4073	5.3702	8.3307
SDev	.00122	.00396	.00034	.055	.0127	.0112	.0207
%RSD	43.038	61.460	.20527	.15391	.90600	.20781	.24893
#1	.00400	.01093	.16740	35.569	1.4220	5.3824	8.3233
#2	.00297	.00347	.16701	35.486	1.4002	5.3604	8.3147
#3	.00156	.00492	.16672	35.590	1.3997	5.3679	8.3541
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	44.862	.00238	-.00042	11.381	.00023	-.00078	.00398
SDev	.021	.00108	.00078	.016	.00199	.00280	.00117
%RSD	.04752	45.449	183.65	.13628	869.48	357.50	29.289
#1	44.837	.00348	.00046	11.395	-.00173	-.00208	.00269
#2	44.872	.00235	-.00098	11.364	.00224	-.00270	.00429
#3	44.876	.00132	-.00076	11.384	.00017	.00243	.00425
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	.00128	.00328
SDev	.00280	.00084
%RSD	218.64	25.667
#1	.00283	.00424
#2	.00296	.00264
#3	-.00195	.00297
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	34979	--	--	--	--	--	--
SDev	20.42734	--	--	--	--	--	--
%RSD	.0583985	--	--	--	--	--	--
#1	34962	--	--	--	--	--	--
#2	35002	--	--	--	--	--	--
#3	34974	--	--	--	--	--	--

Analysis Report 08/13/04 04:40:46 AM

Method: EPA3 Sample Name: N74439-3 Operator:
Run Time: 08/13/04 04:33:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06648	-.00000	-.00041	.00040	.00097	.01753	.77019
SDev	.00129	.00000	.00014	.00059	.00050	.00033	.01518
%RSD	1.9338	40.509	33.814	145.97	51.824	1.8618	1.9711
#1	.06735	-.00000	-.00057	.00020	.00109	.01755	.77682
#2	.06500	-.00001	-.00029	-.00005	.00042	.01719	.75282
#3	.06709	-.00000	-.00038	.00106	.00140	.01784	.78092
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	.00479	-.00088	.00121	.06948	.00353	.00133	.00038
SDev	.00146	.00060	.00049	.00134	.00446	.00050	.00110
%RSD	30.539	68.170	40.273	1.9291	126.52	37.348	292.05
#1	.00395	-.00141	.00149	.06982	.00033	.00178	.00131
#2	.00393	-.00099	.00065	.06801	.00163	.00140	.00067
#3	.00647	-.00023	.00150	.07062	.00863	.00080	-.00084
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	.00020	.00039	.72040	23.300	4.2016	3.0430	7.0084
SDev	.00229	.00271	.01516	.458	.0875	.0648	.1370
%RSD	1125.1	693.86	2.1039	1.9677	2.0837	2.1301	1.9554
#1	.00251	-.00135	.72628	23.517	4.2307	3.0682	7.0827
#2	-.00207	.00352	.70318	22.773	4.1032	2.9694	6.8502
#3	.00018	-.00099	.73174	23.609	4.2709	3.0914	7.0921
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	30.857	.00276	-.00191	6.8505	-.00063	.00057	-.00006
SDev	.523	.00096	.00177	.1270	.00400	.00256	.00136
%RSD	1.6940	34.735	92.493	1.8534	635.31	446.20	2438.6
#1	31.026	.00243	-.00393	6.9166	-.00421	.00021	.00151
#2	30.270	.00383	-.00119	6.7042	.00369	.00329	-.00097
#3	31.274	.00200	-.00062	6.9309	-.00138	-.00179	-.00041
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	-.00112	.00057
SDev	.00586	.00271
%RSD	523.30	475.30
#1	.00522	.00085
#2	-.00225	-.00227
#3	-.00633	.00314
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	35693	--	--	--	--	--	--
SDev	653.3238	--	--	--	--	--	--
%RSD	1.830408	--	--	--	--	--	--
#1	35265	--	--	--	--	--	--
#2	36445	--	--	--	--	--	--
#3	35369	--	--	--	--	--	--

Analysis Report QC Standard 08/13/04 04:48:30 AM page 1

Method: EPA3 Sample Name: ccv Operator:
Run Time: 08/13/04 04:40:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0561	1.9819	1.9214	1.9371	1.9855	2.0159	1.9952
SDev	.0050	.0053	.0070	.0063	.0042	.0070	.0051
%RSD	.24244	.26499	.36409	.32308	.21168	.34530	.25357
#1	2.0588	1.9879	1.9294	1.9443	1.9898	2.0217	2.0006
#2	2.0592	1.9790	1.9182	1.9345	1.9852	2.0179	1.9944
#3	2.0504	1.9787	1.9166	1.9327	1.9814	2.0082	1.9905
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	1.9579	.25504	2.0490	1.9379	1.9683	1.9993	1.9373
SDev	.0031	.00075	.0049	.0057	.0077	.0046	.0149
%RSD	.15702	.29297	.24062	.29438	.39010	.23208	.76998
#1	1.9609	.25587	2.0528	1.9444	1.9669	2.0047	1.9447
#2	1.9580	.25480	2.0507	1.9352	1.9766	1.9967	1.9202
#3	1.9548	.25444	2.0434	1.9341	1.9614	1.9965	1.9471
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	1.9462	1.9572	40.127	38.692	40.451	40.207	40.245
SDev	.0104	.0078	.106	.068	.063	.152	.053
%RSD	.53643	.39758	.26379	.17487	.15582	.37835	.13235
#1	1.9514	1.9587	40.202	38.769	40.522	40.351	40.187
#2	1.9341	1.9640	40.173	38.641	40.429	40.222	40.290
#3	1.9529	1.9487	40.006	38.666	40.402	40.048	40.259
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	40.784	2.0382	1.9726	5.1161	2.0163	1.9673	1.9220
SDev	.231	.0012	.0043	.0173	.0091	.0170	.0149
%RSD	.56753	.05692	.21835	.33907	.44910	.86414	.77308
#1	40.778	2.0387	1.9769	5.1330	2.0266	1.9817	1.9259
#2	41.019	2.0369	1.9725	5.1169	2.0098	1.9486	1.9055
#3	40.556	2.0390	1.9683	5.0984	2.0123	1.9717	1.9345
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	1.9618	1.9380
SDev	.0102	.0107
%RSD	.51985	.55459
#1	1.9691	1.9423
#2	1.9501	1.9258
#3	1.9661	1.9460
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	35396	--	--	--	--	--	--
SDev	174.0673	--	--	--	--	--	--
%RSD	.4917675	--	--	--	--	--	--
#1	35252	--	--	--	--	--	--
#2	35590	--	--	--	--	--	--
#3	35347	--	--	--	--	--	--

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Method: EPA3 Sample Name: ccb Operator:
Run Time: 08/13/04 04:48:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00033	Q.00069	.00049	-.00036	.00081	-.00138	.00078
SDev	.00022	.00008	.00036	.00035	.00047	.00018	.00008
%RSD	64.796	11.937	74.426	95.671	57.708	12.967	9.9819
#1	.00012	Q.00060	.00022	-.00011	.00035	-.00145	.00083
#2	.00056	Q.00076	.00090	-.00076	.00080	-.00151	.00082
#3	.00032	Q.00072	.00034	-.00022	.00128	-.00117	.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	.00117	-.00040	.00059	.00088	-.00035	.00033	-.00013
SDev	.00056	.00040	.00056	.00046	.00503	.00581	.00208
%RSD	48.006	100.90	95.105	51.998	1425.6	1738.2	1621.8
#1	.00144	-.00084	.00054	.00114	Q.00511	-.00599	.00090
#2	.00154	-.00028	.00118	.00113	-.00478	.00543	.00124
#3	.00052	-.00007	.00005	.00035	-.00139	.00156	-.00252
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	-.00094	.00100	.01362	-.01470	.01994	.00760	-.33237
SDev	.00257	.00184	.00276	.00116	.01359	.00317	.00219
%RSD	272.51	182.98	20.272	7.8703	68.178	41.725	.65877
#1	.00189	-.00046	.01363	-.01568	.02648	.00394	-.33302
#2	-.00160	.00041	.01085	-.01343	.02902	.00936	-.33417
#3	-.00312	.00307	.01637	-.01499	.00431	.00951	-.32993
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	-.14015	.00121	.00114	-.00885	.00126	-.00109	-.00004
SDev	.10094	.00118	.00058	.00307	.00085	.00452	.00090
%RSD	72.021	97.459	50.954	34.625	67.687	413.06	2301.9
#1	-.10173	-.00007	.00136	-.00577	.00050	.00168	-.00000
#2	-.06406	.00144	.00158	-.00889	.00219	.00135	.00084
#3	-.25465	.00227	.00048	-.01190	.00110	-.00631	-.00096
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	.00174	-.00261
SDev	.00267	.00280
%RSD	153.77	107.21
#1	.00475	.00017
#2	-.00034	-.00257
#3	.00080	-.00543
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	35508	--	--	--	--	--	--
SDev	130.9430	--	--	--	--	--	--
%RSD	.3687704	--	--	--	--	--	--
#1	35432	--	--	--	--	--	--
#2	35659	--	--	--	--	--	--
#3	35433	--	--	--	--	--	--

Method: EPA3 Sample Name: N74439-4 Operator:
Run Time: 08/13/04 04:56:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03212	.00008	.00005	.00218	.00122	.00027	1.8243
SDev	.00051	.00002	.00010	.00043	.00051	.00024	.0306
%RSD	1.5908	26.552	189.44	19.694	41.740	89.030	1.6799
#1	.03195	.00010	.00003	.00220	.00098	.00013	1.8100
#2	.03269	.00010	.00016	.00259	.00181	.00056	1.8595
#3	.03171	.00006	-.00003	.00173	.00088	.00013	1.8035
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	.00274	-.00069	.00110	.07949	.00352	.00304	.00216
SDev	.00172	.00054	.00018	.00191	.00176	.00349	.00241
%RSD	62.850	78.760	16.665	2.4042	50.024	114.75	111.96
#1	.00113	-.00082	.00093	.07835	.00155	-.00042	.00490
#2	.00456	-.00009	.00129	.08170	.00493	.00656	.00122
#3	.00253	-.00115	.00108	.07843	.00407	.00300	.00035
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	.00026	.00071	.30343	24.681	1.0531	6.6612	5.4799
SDev	.00210	.00142	.00414	.423	.0292	.1119	.0965
%RSD	818.26	200.46	1.3637	1.7120	2.7770	1.6801	1.7611
#1	.00066	-.00091	.30003	24.451	1.0251	6.6050	5.4339
#2	.00212	.00129	.30804	25.169	1.0834	6.7901	5.5908
#3	-.00201	.00174	.30222	24.423	1.0508	6.5885	5.4150
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	30.407	.00140	-.00030	4.8382	-.00136	.00067	.00256
SDev	.475	.00113	.00083	.0782	.00231	.00232	.00435
%RSD	1.5635	80.905	282.00	1.6168	169.59	346.85	170.03
#1	30.128	.00021	.00025	4.8038	-.00361	-.00033	.00717
#2	30.956	.00246	.00012	4.9277	-.00148	-.00098	.00197
#3	30.138	.00152	-.00126	4.7830	.00100	.00332	-.00147
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	-.00451	.00232
SDev	.00477	.00113
%RSD	105.82	48.431
#1	-.00529	.00333
#2	.00060	.00253
#3	-.00884	.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	35151	--	--	--	--	--	--
SDev	492.5872	--	--	--	--	--	--
%RSD	1.401338	--	--	--	--	--	--
#1	35187	--	--	--	--	--	--
#2	34642	--	--	--	--	--	--
#3	35625	--	--	--	--	--	--

Analysis Report 08/13/04 05:11:39 AM

Method: EPA3 Sample Name: N74439-5 Operator:
Run Time: 08/13/04 05:04:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09083	.00005	-.00018	-.00037	.00143	.01258	.20155
SDev	.00207	.00003	.00015	.00015	.00046	.00037	.00449
%RSD	2.2805	49.714	80.237	40.660	31.852	2.9479	2.2294
#1	.08901	.00002	-.00002	-.00021	.00091	.01233	.19740
#2	.09040	.00005	-.00030	-.00040	.00174	.01240	.20092
#3	.09309	.00007	-.00022	-.00050	.00164	.01301	.20632
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	.00375	-.00061	.00215	.03753	.00268	-.00216	.00634
SDev	.00226	.00031	.00078	.00072	.00297	.00127	.00129
%RSD	60.150	49.810	36.064	1.9151	111.06	58.869	20.369
#1	.00599	-.00061	.00305	.03698	.00603	-.00139	.00485
#2	.00380	-.00031	.00168	.03726	.00164	-.00363	.00704
#3	.00147	-.00092	.00173	.03834	.00036	-.00147	.00713
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	-.00029	.00162	.82468	31.748	7.2915	5.0796	7.1054
SDev	.00185	.00222	.01985	.697	.1344	.1086	.1787
%RSD	636.23	137.25	2.4073	2.1943	1.8429	2.1375	2.5151
#1	-.00180	-.00090	.80662	31.131	7.1640	4.9817	6.9522
#2	-.00085	.00330	.82148	31.610	7.2787	5.0607	7.0622
#3	.00178	.00245	.84593	32.503	7.4318	5.1964	7.3018
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	37.373	.00208	-.00128	11.205	-.00086	.01314	.00261
SDev	.643	.00058	.00121	.245	.00337	.01592	.00717
%RSD	1.7201	27.999	94.438	2.1890	391.87	121.12	275.12
#1	36.791	.00142	.00009	10.988	-.00319	.00428	.00480
#2	37.264	.00231	-.00221	11.156	.00301	.00363	.00842
#3	38.063	.00251	-.00173	11.471	-.00241	.03152	-.00540
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	.00462	-.00304
SDev	.01451	.00451
%RSD	314.33	148.52
#1	-.00563	-.00018
#2	-.00174	-.00069
#3	.02122	-.00824
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	590.1909	--	--	--	--	--	--
%RSD	1.645697	--	--	--	--	--	--
#1	36444	--	--	--	--	--	--
#2	35880	--	--	--	--	--	--
#3	35264	--	--	--	--	--	--

Analysis Report 08/13/04 05:19:21 AM

Method: EPA3 Sample Name: N74439-6 Operator:
Run Time: 08/13/04 05:11:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11814	.00000	-.00053	.00064	.00149	.00929	1.6731
SDev	.00083	.00000	.00009	.00052	.00015	.00022	.0131
%RSD	.69943	151.58	17.584	80.923	10.392	2.4080	.78478
#1	.11859	.00000	-.00050	.00028	.00160	.00936	1.6742
#2	.11864	.00001	-.00063	.00040	.00155	.00904	1.6856
#3	.11719	-.00000	-.00045	.00123	.00131	.00947	1.6594
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	.00371	-.00065	.00201	.01268	.00356	.00734	.00353
SDev	.00141	.00065	.00022	.00029	.00661	.00153	.00094
%RSD	37.916	99.564	10.768	2.2832	185.88	20.757	26.772
#1	.00412	-.00064	.00206	.01255	.00940	.00559	.00265
#2	.00215	-.00131	.00178	.01301	.00490	.00836	.00453
#3	.00487	-.00001	.00220	.01248	-.00362	.00809	.00341
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	.00259	-.00045	.67141	48.052	14.634	6.0024	11.625
SDev	.00322	.00420	.00811	.350	.136	.0471	.060
%RSD	124.37	938.36	1.2083	.72872	.93217	.78479	.51976
#1	.00601	-.00431	.67079	48.066	14.629	5.9976	11.639
#2	.00213	.00402	.67981	48.396	14.773	6.0518	11.677
#3	-.00038	-.00106	.66362	47.696	14.501	5.9580	11.559
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	94.384	.00272	-.00117	11.248	.00023	.00357	.00313
SDev	.434	.00084	.00069	.083	.00092	.00182	.00139
%RSD	.45945	30.705	58.826	.73542	401.06	50.955	44.439
#1	94.371	.00207	-.00049	11.253	.00024	.00414	.00152
#2	94.824	.00244	-.00116	11.328	-.00069	.00504	.00389
#3	93.957	.00366	-.00187	11.163	.00115	.00153	.00397
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	.00439	.00136
SDev	.00387	.00306
%RSD	88.294	224.61
#1	.00886	.00424
#2	.00232	.00169
#3	.00199	-.00185
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	35718	--	--	--	--	--	--
SDev	293.5355	--	--	--	--	--	--
%RSD	.8218048	--	--	--	--	--	--
#1	35694	--	--	--	--	--	--
#2	35438	--	--	--	--	--	--
#3	36023	--	--	--	--	--	--

Analysis Report 08/13/04 05:27:04 AM

Method: EPA3 Sample Name: MP26737-MB1 Operator:
Run Time: 08/13/04 05:19:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00045	-.00001	-.00026	-.00083	.00016	-.00213	.00035
SDev	.00023	.00002	.00021	.00006	.00062	.00050	.00011
%RSD	50.974	303.23	78.978	7.2138	388.14	23.539	30.254
#1	.00045	.00000	-.00031	-.00076	.00087	-.00192	.00041
#2	.00068	-.00002	-.00004	-.00087	-.00012	-.00176	.00042
#3	.00022	.00001	-.00044	-.00087	-.00028	-.00270	.00023
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	-.00035	-.00089	-.00037	.00531	-.00083	.00207	.00109
SDev	.00051	.00019	.00025	.00023	.00310	.00301	.00223
%RSD	145.50	21.436	66.355	4.3408	374.28	145.16	204.18
#1	-.00029	-.00087	-.00042	.00554	-.00155	-.00087	.00282
#2	.00013	-.00071	-.00059	.00508	-.00351	.00514	.00187
#3	-.00089	-.00109	-.00010	.00531	.00257	.00195	-.00142
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	.00266	H.00529	.01213	.05675	.01559	-.00542	-.35365
SDev	.00182	.00196	.00178	.00148	.00422	.00044	.01218
%RSD	68.518	37.050	14.655	2.6119	27.107	8.0402	3.4439
#1	.00413	.00421	.01298	.05830	.01867	-.00570	-.36662
#2	.00062	H.00756	.01333	.05659	.01077	-.00492	-.34246
#3	.00324	.00411	.01009	.05535	.01732	-.00565	-.35188
Errors	LC Pass	LC High	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	.15791	.00073	-.00130	.04549	-.00027	.00031	.00103
SDev	.09752	.00111	.00062	.00052	.00384	.00052	.00365
%RSD	61.755	153.14	47.858	1.1457	1426.4	167.86	354.82
#1	.16539	-.00055	-.00201	.04571	.00270	-.00023	.00401
#2	.05687	.00145	-.00085	.04587	.00111	.00035	.00213
#3	.25148	.00128	-.00105	.04490	-.00461	.00081	-.00[illegible]
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	-.00053	.00394
SDev	.00163	.00268
%RSD	304.56	68.011
#1	-.00152	.00665
#2	-.00143	.00130
#3	.00134	.00386
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	35467	--	--	--	--	--	--
SDev	204.4110	--	--	--	--	--	--
%RSD	.5763380	--	--	--	--	--	--
#1	35670	--	--	--	--	--	--
#2	35262	--	--	--	--	--	--
#3	35470	--	--	--	--	--	--

Analysis Report 08/13/04 05:34:46 AM page 1

Method: EPA3 Sample Name: MP26737-LC1 Operator:
Run Time: 08/13/04 05:27:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51977	.47896	.46952	.47662	.48191	.50252	.49214
SDev	.00764	.00748	.00798	.00799	.00841	.00732	.00763
%RSD	1.4693	1.5609	1.7000	1.6752	1.7453	1.4571	1.5499
#1	.52646	.48611	.47740	.48443	.48978	.50877	.49926
#2	.52139	.47957	.46972	.47695	.48290	.50433	.49305
#3	.51145	.47120	.46144	.46847	.47304	.49446	.48409
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	.48051	.19565	.50185	.47936	.48291	.49165	.47175
SDev	.00723	.00241	.00792	.00792	.00643	.00564	.00806
%RSD	1.5050	1.2303	1.5789	1.6519	1.3304	1.1479	1.7077
#1	.48785	.19775	.50888	.48700	.49028	.49490	.47846
#2	.48029	.19618	.50340	.47987	.47848	.49491	.47399
#3	.47339	.19302	.49326	.47119	.47997	.48513	.46282
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	.45251	.47719	4.8423	5.1496	5.2108	5.3897	4.6917
SDev	.00940	.00873	.0670	.0794	.0850	.0793	.0685
%RSD	2.0783	1.8288	1.3836	1.5417	1.6306	1.4706	1.4608
#1	.46192	.48637	4.8992	5.2233	5.2895	5.4588	4.7541
#2	.45249	.47621	4.8593	5.1599	5.2224	5.4071	4.7028
#3	.44311	.46899	4.7685	5.0655	5.1207	5.3032	4.6184
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	5.3860	.50810	L-.00233	H1.1024	L-.00314	.47927	.46758
SDev	.2393	.00728	.00099	.0179	.00207	.00884	.00810
%RSD	4.4424	1.4322	42.385	1.6266	65.792	1.8451	1.7331
#1	5.6590	.51568	L-.00121	H1.1205	L-.00298	.48361	.47546
#2	5.2859	.50746	L-.00270	H1.1021	L-.00116	.48510	.46802
#3	5.2130	.50117	L-.00307	H1.0846	L-.00528	.46909	.45927
Errors	LC Pass	LC Pass	LC Low	LC High	LC Low	NOCHECK	NOCHECK

High	6.0000	.60000	.00000	.00000	.00000
Low	4.0000	.40000	.00000	.00000	.00000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.45042	.45322
SDev	.00660	.01118
%RSD	1.4662	2.4670
#1	.45486	.46511
#2	.45357	.45161
#3	.44283	.44292
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	35385	--	--	--	--	--	--
SDev	511.0351	--	--	--	--	--	--
%RSD	1.444233	--	--	--	--	--	--
#1	34865	--	--	--	--	--	--
#2	35402	--	--	--	--	--	--
#3	35886	--	--	--	--	--	--

Analysis Report 08/13/04 05:42:27 AM

Method: EPA3 Sample Name: MP26737-S1 Operator:
Run Time: 08/13/04 05:34:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.1145	.04630	.04461	.45433	.18568	.24457	2.2662
SDev	.0105	.00039	.00060	.00332	.00131	.00093	.0160
%RSD	.49500	.83355	1.3544	.73139	.70364	.37836	.70501
#1	2.1195	.04659	.04528	.45625	.18632	.24486	2.2772
#2	2.1215	.04644	.04446	.45625	.18654	.24531	2.2735
#3	2.1024	.04586	.04410	.45050	.18418	.24353	2.2479
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	.46389	.04707	.48094	.45962	1.8348	1.8814	.45517
SDev	.00339	.00030	.00352	.00386	.0112	.0081	.00549
%RSD	.72998	.64500	.73168	.84076	.60953	.42807	1.2067
#1	.46580	.04686	.48440	.46259	1.8441	1.8878	.46136
#2	.46589	.04742	.48105	.46102	1.8378	1.8841	.45325
#3	.45998	.04693	.47737	.45525	1.8224	1.8724	.45089
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	1.7647	.45834	1.9205	64.139	40.837	38.140	30.642
SDev	.0132	.00139	.0137	.524	.274	.236	.112
%RSD	.74870	.30352	.71183	.81622	.67061	.61867	.36563
#1	1.7742	.45683	1.9243	64.528	41.038	38.277	30.668
#2	1.7702	.45957	1.9320	64.345	40.947	38.275	30.739
#3	1.7496	.45861	1.9054	63.544	40.525	37.867	30.520
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	152.08	.00007	-.00235	19.448	.00153	.45956	.45259
SDev	.58	.00066	.00071	.104	.00146	.00937	.00431
%RSD	.38152	883.34	30.185	.53630	95.432	2.0393	.95284
#1	152.22	.00064	-.00240	19.515	.00165	.46842	.45745
#2	152.59	-.00065	-.00162	19.501	.00294	.46052	.44923
#3	151.45	.00024	-.00304	19.328	.00001	.44975	.451[illegible]
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

1422

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	1.7827	1.7553
SDev	.0168	.0124
%RSD	.94253	.70408
#1	1.7995	1.7612
#2	1.7828	1.7636
#3	1.7659	1.7411
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	35239	--	--	--	--	--	--
SDev	88.81567	--	--	--	--	--	--
%RSD	.2520404	--	--	--	--	--	--
#1	35158	--	--	--	--	--	--
#2	35225	--	--	--	--	--	--
#3	35334	--	--	--	--	--	--

Analysis Report 08/13/04 05:50:10 AM

Method: EPA3 Sample Name: MP26737-S2 Operator:
Run Time: 08/13/04 05:42:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.1878	.04781	.04556	.46805	.19121	.25262	2.3728
SDev	.0056	.00009	.00043	.00096	.00055	.00101	.0052
%RSD	.25566	.18350	.94525	.20515	.28688	.39914	.21916
#1	2.1849	.04779	.04600	.46913	.19069	.25219	2.3705
#2	2.1843	.04773	.04514	.46729	.19178	.25191	2.3691
#3	2.1943	.04791	.04553	.46773	.19115	.25378	2.3787
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	.47829	.04862	.49608	.47600	1.8862	1.9373	.46980
SDev	.00035	.00064	.00113	.00083	.0013	.0083	.00251
%RSD	.07304	1.3068	.22883	.17479	.06853	.43006	.53541
#1	.47793	.04897	.49570	.47605	1.8851	1.9351	.46694
#2	.47862	.04789	.49519	.47515	1.8876	1.9465	.47166
#3	.47833	.04901	.49736	.47681	1.8860	1.9302	.47081
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	1.8106	.47129	1.9958	67.206	42.925	39.841	31.856
SDev	.0071	.00220	.0049	.137	.105	.104	.002
%RSD	.39119	.46772	.24745	.20429	.24468	.26075	.00524
#1	1.8078	.47033	1.9924	67.122	42.920	39.806	31.854
#2	1.8053	.46973	1.9934	67.132	42.823	39.759	31.858
#3	1.8186	.47381	2.0014	67.365	43.032	39.958	31.857
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	159.44	.00105	-.00259	20.458	.00206	.47807	.46520
SDev	.26	.00081	.00012	.039	.00182	.00424	.00181
%RSD	.16074	77.789	4.7535	.19133	88.219	.88780	.38973
#1	159.36	.00192	-.00270	20.434	.00368	.47357	.46312
#2	159.23	.00091	-.00246	20.437	.00009	.48200	.46611
#3	159.72	.00031	-.00260	20.503	.00242	.47863	.46[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	1.8386	1.7963
SDev	.0095	.0059
%RSD	.51923	.32996
#1	1.8335	1.7947
#2	1.8326	1.7913
#3	1.8496	1.8029
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	35424	--	--	--	--	--	--
SDev	162.8782	--	--	--	--	--	--
%RSD	.4597962	--	--	--	--	--	--
#1	35389	--	--	--	--	--	--
#2	35602	--	--	--	--	--	--
#3	35282	--	--	--	--	--	--

Method: EPA3 Sample Name: N74259-3F Operator:
Run Time: 08/13/04 05:50:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18901	.00004	-.00033	.00090	.00173	-.00085	1.9415
SDev	.00254	.00003	.00079	.00214	.00141	.00116	.0160
%RSD	1.3436	74.697	237.05	239.01	81.413	137.34	.82167
#1	.18684	.00007	.00044	.00336	.00336	.00048	1.9310
#2	.19180	.00003	-.00030	-.00011	.00107	-.00133	1.9598
#3	.18840	.00002	-.00114	-.00056	.00078	-.00169	1.9335
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	.00242	.00020	-.00066	.01102	.00684	-.00243	-.00107
SDev	.00204	.00154	.00262	.00126	.00186	.01051	.00079
%RSD	84.159	770.20	398.57	11.399	27.170	431.79	73.639
#1	.00474	.00197	-.00010	.01245	.00559	-.00197	-.00157
#2	.00092	-.00076	-.00352	.01050	.00897	L-.01317	-.00016
#3	.00160	-.00061	.00164	.01011	.00595	.00784	-.00149
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	.00078	.00383	.02853	44.286	43.084	15.826	5.3802
SDev	.00151	.00351	.00851	.322	.411	.143	.0745
%RSD	194.04	91.524	29.827	.72728	.95324	.90601	1.3853
#1	-.00048	.00781	.03826	44.103	42.776	15.730	5.3045
#2	.00037	.00116	.02490	44.658	43.550	15.990	5.4535
#3	.00245	.00253	.02244	44.097	42.925	15.756	5.3826
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	137.12	-.00143	.00282	20.955	.00038	-.00619	.00103
SDev	1.32	.00264	.00714	.223	.00686	.02063	.01149
%RSD	.96567	184.89	253.73	1.0642	1793.9	333.27	1119.5
#1	135.78	.00007	.01104	20.764	.00283	.01213	-.00893
#2	138.43	-.00448	-.00182	21.200	-.00736	-.02854	.01359
#3	137.15	.00012	-.00078	20.901	.00569	-.00215	-.00158
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	-.00729	.00447
SDev	.02260	.01146
%RSD	309.96	256.52
#1	.01016	-.00614
#2	-.03282	.01661
#3	.00079	.00293
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	34739	--	--	--	--	--	--
SDev	452.4170	--	--	--	--	--	--
%RSD	1.302324	--	--	--	--	--	--
#1	35242	--	--	--	--	--	--
#2	34364	--	--	--	--	--	--
#3	34612	--	--	--	--	--	--

Analysis Report 08/13/04 06:05:35 AM

Method: EPA3 Sample Name: MP26737-SD1 Operator:
Run Time: 08/13/04 05:57:56
Comment:
Mode: CONC Corr. Factor: 5

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18758	-.00015	-.00222	-.00546	.21182	-.00529	1.9656
SDev	.00098	.00002	.00100	.00266	.00161	.00207	.0103
%RSD	.52238	15.222	45.090	48.671	.76167	39.092	.52148
#1	.18738	-.00014	-.00300	-.00241	.20996	-.00744	1.9581
#2	.18864	-.00018	-.00109	-.00672	.21286	-.00332	1.9773
#3	.18672	-.00014	-.00258	-.00725	.21263	-.00511	1.9614
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	.13822	-.00348	.00144	.08046	.01040	-.00964	.00377
SDev	.00367	.00125	.00365	.00030	.00781	.00913	.00251
%RSD	2.6552	35.988	253.78	.37186	75.083	94.662	66.560
#1	.13519	-.00319	.00542	.08011	.00424	L-.01092	.00313
#2	.13717	-.00239	.00062	.08067	.00778	L-.01807	.00653
#3	.14230	-.00485	-.00173	.08059	.01918	.00005	.00164
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	-.00061	-.00176	.01469	43.941	42.654	15.901	3.6747
SDev	.01399	.00216	.01546	.224	.092	.087	.0552
%RSD	2275.3	122.94	105.29	.50971	.21554	.54517	1.5029
#1	L-.00791	-.00212	-.00244	43.784	42.635	15.843	3.6661
#2	.01551	.00056	.02763	44.197	42.753	16.001	3.7337
#3	L-.00944	-.00371	.01887	43.841	42.572	15.860	3.6242
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	136.45	.02304	-.00667	21.101	.00435	.00589	.00101
SDev	.82	.00430	.00656	.074	.01131	.01056	.00903
%RSD	.60149	18.679	98.395	.34878	259.88	179.21	890.93
#1	136.37	.01878	-.01287	21.067	-.00473	.00871	-.00135
#2	137.30	.02738	.00021	21.185	.01702	-.00579	.01099
#3	135.66	.02295	-.00735	21.050	.00077	.01475	-.00600
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	-.01521	.00521
SDev	.00669	.01765
%RSD	43.989	339.01
#1	-.01938	-.00366
#2	-.00749	.02553
#3	-.01876	-.00626
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	35535	--	--	--	--	--	--
SDev	128.8082	--	--	--	--	--	--
%RSD	.3624806	--	--	--	--	--	--
#1	35534	--	--	--	--	--	--
#2	35407	--	--	--	--	--	--
#3	35665	--	--	--	--	--	--

Analysis Report 08/13/04 06:13:17 AM

Method: EPA3 Sample Name: N73620-1 Operator:
Run Time: 08/13/04 06:05:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05425	.00004	-.00005	-.00035	.00769	-.00021	.10494
SDev	.00023	.00002	.00041	.00035	.00024	.00024	.00004
%RSD	.42690	44.182	820.53	100.91	3.1779	114.82	.03886
#1	.05447	.00006	-.00043	-.00074	.00787	.00007	.10489
#2	.05427	.00002	.00039	-.00009	.00780	-.00036	.10497
#3	.05401	.00004	-.00011	-.00020	.00742	-.00034	.10496
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	.00191	-.00120	.00345	.00999	.00429	-.00457	.00072
SDev	.00107	.00013	.00043	.00014	.00512	.00147	.00023
%RSD	55.791	10.704	12.422	1.4224	119.24	32.097	32.458
#1	.00157	-.00108	.00362	.01003	.00305	-.00612	.00097
#2	.00311	-.00134	.00296	.00983	-.00009	-.00320	.00050
#3	.00106	-.00119	.00377	.01011	.00992	-.00439	.00069
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	.00242	.00499	.30428	41.201	1.7661	30.183	171.41
SDev	.00275	.00216	.00180	.014	.0038	.019	.05
%RSD	113.36	43.282	.59124	.03426	.21350	.06405	.02678
#1	.00473	.00484	.30628	41.188	1.7651	30.205	171.46
#2	-.00061	.00292	.30279	41.200	1.7702	30.167	171.38
#3	.00315	.00723	.30376	41.216	1.7629	30.179	171.39
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	133.99	.10673	-.00195	4.8899	.00205	-.00087	.00100
SDev	.10	.00036	.00077	.0072	.00301	.00246	.00110
%RSD	.07572	.33446	39.670	.14662	147.01	283.62	109.35
#1	133.99	.10655	-.00251	4.8982	.00443	-.00058	.00123
#2	133.89	.10649	-.00228	4.8856	.00304	-.00345	.00197
#3	134.10	.10714	-.00107	4.8859	-.00133	.00144	-.00019
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	.00160	.00249
SDev	.00441	.00323
%RSD	276.11	129.67
#1	.00120	.00616
#2	-.00260	.00004
#3	.00619	.00128
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	35201	--	--	--	--	--	--
SDev	68.19511	--	--	--	--	--	--
%RSD	.1937302	--	--	--	--	--	--
#1	35124	--	--	--	--	--	--
#2	35254	--	--	--	--	--	--
#3	35226	--	--	--	--	--	--

Analysis Report QC Standard 08/13/04 06:21:02 AM

Method: EPA3 Sample Name: ccv Operator:
Run Time: 08/13/04 06:13:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0988	1.9810	1.9038	1.9386	1.9861	2.0562	1.9981
SDev	.0262	.0239	.0266	.0224	.0263	.0257	.0242
%RSD	1.2462	1.2054	1.3973	1.1543	1.3249	1.2497	1.2093
#1	Q2.1224	2.0019	1.9286	1.9597	2.0109	2.0785	2.0200
#2	2.0707	1.9550	Q1.8757	1.9151	1.9585	2.0281	1.9722
#3	Q2.1032	1.9862	1.9072	1.9408	1.9890	2.0620	2.0023
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	1.9574	.25963	2.0557	1.9187	1.9790	2.0090	1.9424
SDev	.0250	.00265	.0285	.0238	.0285	.0239	.0161
%RSD	1.2793	1.0201	1.3846	1.2412	1.4393	1.1873	.82874
#1	1.9803	.26238	2.0806	1.9393	2.0054	2.0291	1.9575
#2	1.9306	.25710	2.0247	Q1.8927	1.9488	1.9826	1.9255
#3	1.9613	.25942	2.0617	1.9242	1.9828	2.0153	1.9444
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	1.9523	1.9681	40.858	38.577	40.398	40.420	41.243
SDev	.0103	.0270	.549	.465	.484	.488	.515
%RSD	.52507	1.3705	1.3448	1.2050	1.1983	1.2064	1.2489
#1	1.9613	1.9937	41.347	39.000	40.843	40.865	41.683
#2	1.9411	1.9399	40.263	38.080	39.883	39.899	40.676
#3	1.9545	1.9706	40.963	38.653	40.468	40.496	41.371
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	41.458	2.0437	2.0049	5.1745	2.0082	1.9750	1.9258
SDev	.284	.0256	.0271	.0680	.0238	.0150	.0170
%RSD	.68469	1.2511	1.3527	1.3144	1.1842	.76158	.88068
#1	41.630	2.0653	2.0296	5.2351	2.0274	1.9912	1.9402
#2	41.130	2.0155	1.9758	5.1009	1.9816	1.9614	1.9071
#3	41.614	2.0502	2.0092	5.1873	2.0155	1.9724	1.9309
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	1.9724	1.9419
SDev	.0121	.0095
%RSD	.61401	.48929
#1	1.9846	1.9493
#2	1.9604	1.9312
#3	1.9723	1.9452
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	34367	--	--	--	--	--	--
SDev	266.4020	--	--	--	--	--	--
%RSD	.7751695	--	--	--	--	--	--
#1	34100	--	--	--	--	--	--
#2	34633	--	--	--	--	--	--
#3	34368	--	--	--	--	--	--

Analysis Report QC Standard 08/13/04 06:28:47 AM

Method: EPA3 Sample Name: ccb Operator:
Run Time: 08/13/04 06:21:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00058	Q.00065	.00062	-.00054	.00069	-.00097	.00067
SDev	.00041	.00029	.00055	.00077	.00052	.00035	.00028
%RSD	69.917	44.605	89.119	143.87	75.779	35.856	41.098
#1	.00029	.00039	.00001	-.00087	.00095	-.00137	.00047
#2	.00105	Q.00096	Q.00108	.00035	.00104	-.00084	.00098
#3	.00041	Q.00060	.00075	-.00108	.00009	-.00071	.00056
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	.00134	-.00055	.00088	.00034	.00007	.00342	.00120
SDev	.00106	.00022	.00043	.00034	.00179	.00591	.00103
%RSD	79.180	39.722	49.358	99.414	2549.7	172.55	86.208
#1	.00058	-.00032	.00039	.00015	-.00065	.00694	.00191
#2	.00255	-.00058	.00121	.00074	.00211	-.00340	.00167
#3	.00088	-.00076	.00104	.00015	-.00125	.00672	.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	.00343	-.00072	.00804	-.01396	.02076	.00512	-.30535
SDev	.00219	.00120	.00436	.00733	.00984	.00793	.01664
%RSD	64.011	167.21	54.211	52.512	47.414	154.72	5.4486
#1	.00454	-.00050	.00373	-.01942	.01722	-.00081	-.31587
#2	.00484	.00036	.01244	-.00563	.03189	.01413	-.28617
#3	.00090	-.00201	.00795	-.01682	.01318	.00205	-.31402
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	-.05035	.00182	-.00024	-.01168	.00063	-.00046	.00157
SDev	.07134	.00111	.00103	.00247	.00229	.00453	.00387
%RSD	141.69	61.066	434.28	21.175	362.44	981.63	246.59
#1	-.12870	.00056	.00025	-.01295	-.00009	-.00422	.00463
#2	.01085	.00267	.00046	-.00883	-.00121	-.00174	.00286
#3	-.03319	.00222	-.00142	-.01327	.00319	.00457	-.00278
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	.00159	.00402
SDev	.00490	.00512
%RSD	309.24	127.40
#1	-.00401	.00852
#2	.00366	.00508
#3	.00511	-.00155
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	34983	--	--	--	--	--	--
SDev	91.75006	--	--	--	--	--	--
%RSD	.2622689	--	--	--	--	--	--
#1	35066	--	--	--	--	--	--
#2	34885	--	--	--	--	--	--
#3	34998	--	--	--	--	--	--

Analysis Report 08/13/04 06:36:29 AM

Method: EPA3 Sample Name: N73620-2 Operator:
Run Time: 08/13/04 06:28:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13611	.00024	-.00018	-.00011	.03358	-.00019	.00955
SDev	.00375	.00005	.00014	.00054	.00117	.00019	.00028
%RSD	2.7534	19.365	77.587	485.73	3.4683	100.57	2.9880
#1	.13237	.00019	-.00029	-.00053	.03242	-.00025	.00925
#2	.13987	.00028	-.00022	.00050	.03475	-.00035	.00982
#3	.13607	.00024	-.00002	-.00030	.03358	.00002	.00959
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	.00235	-.00081	.00316	.17777	.00349	.00164	.00151
SDev	.00085	.00017	.00090	.00441	.00268	.00378	.00149
%RSD	36.147	20.797	28.621	2.4816	76.823	229.98	98.678
#1	.00249	-.00062	.00369	.17318	.00343	-.00042	.00318
#2	.00144	-.00095	.00367	.18198	.00620	.00600	.00035
#3	.00312	-.00087	.00211	.17815	.00084	-.00065	.00099
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	.00289	.00432	.11163	89.881	.09066	31.360	13.444
SDev	.00199	.00101	.00563	2.324	.00469	.825	.378
%RSD	68.768	23.383	5.0432	2.5853	5.1692	2.6293	2.8151
#1	.00060	.00487	.10527	87.558	.08577	30.548	13.057
#2	.00409	.00493	.11598	92.205	.09511	32.197	13.813
#3	.00398	.00315	.11362	89.881	.09111	31.335	13.461
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	23.939	.00701	-.00131	13.101	-.00360	-.00222	.00285
SDev	.586	.00075	.00058	.346	.00116	.00181	.00144
%RSD	2.4497	10.699	43.877	2.6377	32.139	81.422	50.614
#1	23.333	.00735	-.00107	12.762	-.00482	-.00050	.00451
#2	24.504	.00753	-.00197	13.452	-.00345	-.00411	.00204
#3	23.979	.00615	-.00089	13.090	-.00252	-.00205	.00198
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	-.00133	.00465
SDev	.00305	.00300
%RSD	229.39	64.603
#1	-.00207	.00159
#2	.00202	.00478
#3	-.00394	.00759
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	34576	--	--	--	--	--	--
SDev	586.2333	--	--	--	--	--	--
%RSD	1.695505	--	--	--	--	--	--
#1	35146	--	--	--	--	--	--
#2	33974	--	--	--	--	--	--
#3	34607	--	--	--	--	--	--

Analysis Report 08/13/04 06:44:12 AM

Method: EPA3 Sample Name: N73620-3 Operator:
Run Time: 08/13/04 06:36:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11945	.00059	-.00022	.00909	.01396	.06333	1.0293
SDev	.00018	.00004	.00034	.00062	.00047	.00022	.0036
%RSD	.14765	7.1693	152.04	6.7985	3.3974	.34838	.34493
#1	.11950	.00057	-.00051	.00889	.01356	.06311	1.0255
#2	.11960	.00057	-.00032	.00978	.01385	.06333	1.0298
#3	.11926	.00064	.00015	.00859	.01449	.06355	1.0326
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	.01906	-.00075	.02521	.05312	.00612	-.00363	.00742
SDev	.00087	.00024	.00021	.00029	.00478	.00198	.00260
%RSD	4.5629	31.472	.84670	.54804	78.047	54.552	35.036
#1	.01944	-.00080	.02538	.05282	.00293	-.00355	.00492
#2	.01968	-.00096	.02527	.05313	.01162	-.00565	.00723
#3	.01807	-.00049	.02497	.05340	.00382	-.00169	.01011
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	.00057	.00357	9.3660	87.579	15.032	21.724	4.0139
SDev	.00287	.00105	.0267	.277	.047	.067	.0062
%RSD	502.23	29.339	.28503	.31585	.31064	.30764	.15393
#1	.00176	.00316	9.3360	87.289	14.978	21.649	4.0157
#2	.00266	.00278	9.3749	87.606	15.056	21.743	4.0070
#3	-.00270	.00476	9.3871	87.840	15.060	21.779	4.0190
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	15.259	.00137	-.00276	24.047	.00400	.00829	.00660
SDev	.056	.00082	.00073	.054	.00190	.00596	.00224
%RSD	.36574	60.302	26.449	.22658	47.615	71.934	33.880
#1	15.324	.00075	-.00338	23.984	.00514	.00140	.00630
#2	15.227	.00230	-.00294	24.075	.00506	.01185	.00454
#3	15.227	.00105	-.00195	24.081	.00180	.01161	.00898
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	-.00026	.00065
SDev	.00195	.00399
%RSD	755.51	617.00
#1	-.00180	.00320
#2	.00193	.00268
#3	-.00090	-.00395
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	35217	--	--	--	--	--	--
SDev	34.40348	--	--	--	--	--	--
%RSD	.0976891	--	--	--	--	--	--
#1	35252	--	--	--	--	--	--
#2	35217	--	--	--	--	--	--
#3	35183	--	--	--	--	--	--

Analysis Report 08/13/04 06:51:54 AM page 1

Method: EPA3 Sample Name: N73620-4 Operator:
Run Time: 08/13/04 06:44:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08582	.00004	-.00015	-.00061	.00028	-.00032	.19547
SDev	.00059	.00008	.00018	.00045	.00051	.00028	.00133
%RSD	.68603	171.12	117.48	73.736	183.15	85.701	.67895
#1	.08596	-.00002	-.00014	-.00108	-.00030	-.00061	.19533
#2	.08518	.00002	-.00034	-.00054	.00068	-.00029	.19422
#3	.08633	.00013	.00002	-.00020	.00046	-.00006	.19687
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	.00176	-.00084	.00087	.00744	.00284	-.00143	-.00100
SDev	.00107	.00016	.00050	.00015	.00088	.01045	.00094
%RSD	60.880	19.615	57.729	1.9456	30.830	732.88	94.139
#1	.00244	-.00099	.00141	.00728	.00317	.00348	-.00203
#2	.00053	-.00066	.00043	.00754	.00350	.00567	-.00020
#3	.00232	-.00087	.00076	.00752	.00185	L-.01342	-.00077
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	-.00119	.00265	.05955	53.310	.11905	17.237	4.0273
SDev	.00162	.00684	.00241	.377	.00127	.092	.0382
%RSD	136.21	258.31	4.0472	.70649	1.0650	.53350	.94734
#1	-.00244	-.00480	.05873	53.179	.12007	17.209	4.0256
#2	-.00175	.00410	.05765	53.016	.11944	17.161	3.9901
#3	.00064	.00864	.06226	53.734	.11763	17.339	4.0663
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	27.562	.00070	-.00107	11.838	.00052	.00072	-.00237
SDev	.124	.00060	.00024	.072	.00292	.00157	.00216
%RSD	.44954	86.438	22.422	.61095	565.50	218.88	91.104
#1	27.451	.00077	-.00133	11.835	.00009	.00252	-.00482
#2	27.539	.00126	-.00087	11.767	.00363	-.00011	-.00075
#3	27.696	.00006	-.00100	11.912	-.00217	-.00027	-.00153
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	-.00451	.00013
SDev	.00368	.00222
%RSD	81.494	1664.0
#1	-.00315	-.00243
#2	-.00868	.00137
#3	-.00171	.00146
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	34789	--	--	--	--	--	--
SDev	182.6165	--	--	--	--	--	--
%RSD	.5249289	--	--	--	--	--	--
#1	34736	--	--	--	--	--	--
#2	34992	--	--	--	--	--	--
#3	34638	--	--	--	--	--	--

Analysis Report 08/13/04 06:59:37 AM page 1

Method: EPA3 Sample Name: N73620-5 Operator:
Run Time: 08/13/04 06:51:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00374	.00031	-.00018	-.00087	-.00004	-.00106	.00050
SDev	.00005	.00003	.00033	.00048	.00012	.00043	.00015
%RSD	1.2889	10.321	182.69	55.254	317.99	40.650	30.579
#1	.00374	.00031	-.00050	-.00120	-.00006	-.00079	.00061
#2	.00369	.00034	-.00021	-.00109	-.00015	-.00156	.00033
#3	.00379	.00028	.00016	-.00032	.00009	-.00084	.00056
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	-.00069	.00039	.00778	-.00178	-.00177	.00145
SDev	.00101	.00019	.00043	.00047	.00064	.00375	.00052
%RSD	158.97	28.394	110.49	6.0633	35.978	212.10	36.044
#1	-.00043	-.00047	.00056	.00761	-.00109	-.00298	.00194
#2	.00159	-.00083	-.00010	.00742	-.00191	-.00476	.00090
#3	.00076	-.00076	.00072	.00831	-.00235	.00244	.00152
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	.00185	.00178	.02726	.02959	.01543	.00164	-.33660
SDev	.00047	.00228	.00191	.00223	.00070	.00294	.00664
%RSD	25.599	127.78	7.0085	7.5390	4.5428	180.00	1.9735
#1	.00229	-.00084	.02775	.03217	.01582	-.00065	-.33328
#2	.00135	.00292	.02516	.02838	.01462	.00060	-.34425
#3	.00191	.00326	.02888	.02823	.01584	.00496	-.33228
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	.35774	-.00047	-.00069	H.41090	.00084	.00277	.00028
SDev	.02982	.00039	.00074	.00352	.00235	.00191	.00161
%RSD	8.3346	81.558	106.58	.85563	281.61	68.903	582.72
#1	.36893	-.00044	-.00145	H.41428	-.00077	.00059	.00210
#2	.32395	-.00010	.00002	H.40727	.00354	.00357	-.00[illegible]
#3	.38035	-.00087	-.00065	H.41116	-.00025	.00416	-.00032
Errors	LC Pass	LC Pass	LC Pass	LC High	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	.00008	.00239
SDev	.00313	.00217
%RSD	3837.2	91.072
#1	-.00096	.00356
#2	.00360	-.00012
#3	-.00240	.00372
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	34869	--	--	--	--	--	--
SDev	184.5927	--	--	--	--	--	--
%RSD	.5293964	--	--	--	--	--	--
#1	34676	--	--	--	--	--	--
#2	35044	--	--	--	--	--	--
#3	34886	--	--	--	--	--	--

Analysis Report 08/13/04 07:07:17 AM

Method: EPA3 Sample Name: N73620-7 Operator:
Run Time: 08/13/04 06:59:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06729	-.00002	.00187	.00543	.00115	.00041	.46837
SDev	.00066	.00001	.00015	.00066	.00043	.00065	.00506
%RSD	.97765	83.796	7.7824	12.070	37.059	158.79	1.0796
#1	.06655	-.00003	.00203	.00486	.00112	-.00031	.46258
#2	.06782	-.00001	.00179	.00529	.00159	.00097	.47193
#3	.06749	-.00001	.00177	.00615	.00074	.00057	.47059
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	.00310	-.00078	.00281	.01408	.00063	.00085	-.00032
SDev	.00138	.00044	.00078	.00022	.00217	.00451	.00208
%RSD	44.507	56.175	27.806	1.5740	344.03	532.08	655.77
#1	.00377	-.00059	.00371	.01390	.00313	-.00132	.00113
#2	.00151	-.00046	.00246	.01402	-.00043	-.00217	-.00270
#3	.00401	-.00128	.00227	.01433	-.00081	.00604	.00062
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	.00024	.00288	.58387	78.462	.62421	34.167	1.7180
SDev	.00203	.00109	.00780	.873	.01684	.353	.0309
%RSD	848.40	37.667	1.3366	1.1131	2.6978	1.0328	1.7969
#1	.00065	.00190	.57500	77.466	.61849	33.766	1.6827
#2	.00204	.00269	.58968	79.095	.64317	34.431	1.7398
#3	-.00197	.00405	.58695	78.826	.61098	34.304	1.7316
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	31.369	.00051	-.00104	16.037	-.00062	-.00387	.00094
SDev	.454	.00096	.00032	.173	.00379	.00185	.00222
%RSD	1.4465	187.31	30.895	1.0764	613.04	47.822	236.62
#1	30.847	-.00033	-.00132	15.839	.00355	-.00232	.00234
#2	31.660	.00156	-.00069	16.156	-.00157	-.00592	-.00162
#3	31.601	.00031	-.00112	16.115	-.00384	-.00337	.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	-.00222	.00112
SDev	.00641	.00017
%RSD	289.03	15.608
#1	-.00072	.00099
#2	.00331	.00105
#3	-.00924	.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	34589	--	--	--	--	--	--
SDev	288.3701	--	--	--	--	--	--
%RSD	.8337093	--	--	--	--	--	--
#1	34906	--	--	--	--	--	--
#2	34342	--	--	--	--	--	--
#3	34519	--	--	--	--	--	--

Analysis Report 08/13/04 07:14:59 AM

Method: EPA3 Sample Name: N73620-8 Operator:
Run Time: 08/13/04 07:07:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06411	-.00003	.00213	.00482	.00079	-.00057	.44734
SDev	.00112	.00003	.00020	.00041	.00024	.00047	.00777
%RSD	1.7545	93.904	9.2185	8.5810	29.796	83.358	1.7369
#1	.06484	-.00002	.00222	.00434	.00090	-.00005	.45230
#2	.06468	-.00001	.00191	.00509	.00096	-.00068	.45133
#3	.06282	-.00006	.00227	.00503	.00052	-.00097	.43838
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	.00269	-.00089	.00270	.01265	-.00152	-.00232	.00036
SDev	.00071	.00014	.00065	.00018	.00421	.00409	.00103
%RSD	26.479	15.365	24.200	1.4623	277.79	176.19	287.83
#1	.00351	-.00103	.00344	.01249	L-.00619	-.00701	-.00056
#2	.00220	-.00076	.00220	.01285	-.00032	-.00049	.00016
#3	.00236	-.00088	.00245	.01261	.00197	.00053	.00147
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	-.00019	.42890	75.730	.48371	32.796	1.6017
SDev	.00154	.00455	.01086	1.315	.00580	.528	.0785
%RSD	722.03	2407.1	2.5319	1.7366	1.1989	1.6094	4.8989
#1	-.00132	-.00457	.43818	76.569	.48581	33.120	1.6735
#2	.00155	-.00052	.43157	76.406	.48817	33.080	1.6137
#3	-.00086	.00452	.41696	74.214	.47716	32.187	1.5179
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	30.042	.00076	-.00112	15.099	-.00136	.00232	-.00114
SDev	.508	.00048	.00149	.254	.00391	.00425	.00330
%RSD	1.6920	63.948	133.28	1.6826	287.62	183.29	289.95
#1	30.287	.00130	-.00209	15.258	-.00585	.00709	-.00491
#2	30.382	.00060	-.00188	15.234	.00053	-.00106	.00025
#3	29.458	.00037	.00060	14.806	.00125	.00093	.001[illegible]
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

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High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00298	.00084
SDev	.00203	.00292
%RSD	67.935	347.11
#1	-.00389	-.00039
#2	-.00439	.00417
#3	-.00066	-.00126
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	34854	--	--	--	--	--	--
SDev	909.2945	--	--	--	--	--	--
%RSD	2.608837	--	--	--	--	--	--
#1	33953	--	--	--	--	--	--
#2	34839	--	--	--	--	--	--
#3	35771	--	--	--	--	--	--

Analysis Report 08/13/04 07:22:39 AM

Method: EPA3 Sample Name: N73620-9 Operator:
Run Time: 08/13/04 07:15:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00197	.00031	-.00034	-.00068	.00001	-.00083	.00035
SDev	.00010	.00001	.00039	.00070	.00047	.00012	.00003
%RSD	5.0126	2.6017	113.92	103.21	5275.6	14.700	7.1971
#1	.00199	.00031	-.00012	.00013	-.00038	-.00078	.00033
#2	.00187	.00032	-.00079	-.00109	.00053	-.00075	.00038
#3	.00206	.00030	-.00012	-.00109	-.00013	-.00098	.00034
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	.00100	-.00106	.00029	.00532	.00265	-.00269	.00023
SDev	.00182	.00025	.00047	.00016	.00430	.00598	.00019
%RSD	181.52	23.148	164.81	3.0192	162.40	221.99	84.095
#1	-.00108	-.00128	.00056	.00518	.00306	-.00959	.00034
#2	.00179	-.00111	-.00026	.00528	-.00184	.00059	.00033
#3	.00229	-.00079	.00057	.00549	H.00673	.00093	.00001
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	.00128	.00191	.01557	.01962	.01496	-.00082	-.30962
SDev	.00279	.00102	.00233	.00199	.00428	.00209	.01216
%RSD	218.66	53.718	14.979	10.122	28.604	253.73	3.9276
#1	.00445	.00262	.01412	.02120	.01182	-.00133	-.31321
#2	-.00081	.00237	.01433	.02028	.01324	.00147	-.31958
#3	.00020	.00073	.01826	.01739	.01984	-.00261	-.29607
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	.32572	.00081	-.00123	H.26966	-.00252	.00087	-.00061
SDev	.11333	.00065	.00148	.00277	.00008	.00080	.00011
%RSD	34.794	80.676	120.25	1.0253	3.1716	92.000	17.912
#1	.19632	.00006	-.00290	H.26881	-.00252	.00137	-.00069
#2	.37356	.00127	-.00010	H.26741	-.00260	.00128	-.00066
#3	.40730	.00111	-.00068	H.27275	-.00244	-.00005	-.00049
Errors	LC Pass	LC Pass	LC Pass	LC High	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	-.00297	.00305
SDev	.00771	.00034
%RSD	259.75	11.162
#1	.00581	.00342
#2	-.00863	.00275
#3	-.00608	.00299
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	34605	--	--	--	--	--	--
SDev	165.8513	--	--	--	--	--	--
%RSD	.4792726	--	--	--	--	--	--
#1	34667	--	--	--	--	--	--
#2	34730	--	--	--	--	--	--
#3	34417	--	--	--	--	--	--

Analysis Report QC Standard 08/13/04 07:32:08 AM page 1

Method: EPA3 Sample Name: CRIB Operator:
Run Time: 08/13/04 07:24:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.41204	.01005	.00800	.09846	.01985	.04954	.03058
SDev	.00822	.00020	.00028	.00176	.00066	.00147	.00050
%RSD	1.9957	2.0433	3.5506	1.7830	3.3455	2.9700	1.6490
#1	.42014	.01027	.00822	.10001	.02008	.05087	.03110
#2	.40370	.00986	.00810	.09655	.01910	.04796	.03009
#3	.41229	.01002	.00768	.09883	.02037	.04978	.03055
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	.07893	.01990	.10114	.04040	.01074	.02056	.00424
SDev	.00162	.00022	.00205	.00099	.00414	.00588	.00156
%RSD	2.0582	1.1152	2.0275	2.4456	38.578	28.621	36.736
#1	.08028	.02007	.10286	.04145	.00892	Q.02732	.00601
#2	.07939	.01965	.09887	.03949	.00781	.01657	Q.00307
#3	.07712	.01999	.10170	.04025	Q.01548	.01779	Q.00364
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	.01219	.01045	.38846	4.7666	.18987	4.8676	4.7959
SDev	.00074	.00361	.00781	.0900	.01281	.0909	.1132
%RSD	6.0693	34.584	2.0110	1.8879	6.7440	1.8675	2.3597
#1	.01204	.00850	.39497	4.8546	.20132	4.9553	4.8975
#2	.01300	Q.01461	.37980	4.6748	.19224	4.7738	4.6740
#3	.01154	.00822	.39060	4.7704	.17605	4.8736	4.8163
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	4.9845	.02303	.10616	.40529	.02278	.00330	.00437
SDev	.1414	.00077	.00131	.01096	.00177	.00141	.00291
%RSD	2.8364	3.3354	1.2359	2.7038	7.7622	42.749	66.616
#1	5.1421	.02335	.10756	.41524	.02081	.00225	.00754
#2	4.8688	.02216	.10495	.39354	.02422	.00490	.00182
#3	4.9426	.02359	.10598	.40709	.02331	.00274	.00375
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

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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	.01159	.01217
SDev	.00054	.00082
%RSD	4.6925	6.7603
#1	.01148	.01197
#2	.01218	.01307
#3	.01111	.01146
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	34921	--	--	--	--	--	--
SDev	491.8965	--	--	--	--	--	--
%RSD	1.408585	--	--	--	--	--	--
#1	34409	--	--	--	--	--	--
#2	35390	--	--	--	--	--	--
#3	34966	--	--	--	--	--	--

Analysis Report QC Standard 08/13/04 07:46:07 AM page 1

Method: EPA3 Sample Name: ICSA Operator:
Run Time: 08/13/04 07:38:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00395	.00023	-.00281	.00090	-.00015	-.00014	-.00063
SDev	.00026	.00003	.00016	.00015	.00038	.00068	.00007
%RSD	6.6265	13.532	5.5109	16.576	250.40	479.36	11.020
#1	.00422	.00025	-.00271	.00079	.00017	.00052	-.00058
#2	.00392	.00019	-.00274	.00085	-.00057	-.00084	-.00071
#3	.00370	.00024	-.00299	.00108	-.00005	-.00011	-.00061
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	-.00001	-.00010	.00193	.00048	.00398	-.00543	.00232
SDev	.00114	.00034	.00065	.00062	.00479	.00245	.00161
%RSD	9189.1	337.18	33.682	128.19	120.27	45.093	69.371
#1	-.00132	-.00038	.00266	.00089	Q.00898	-.00823	Q.00371
#2	.00062	-.00021	.00144	.00079	.00355	-.00440	.00269
#3	.00066	.00028	.00167	-.00023	-.00057	-.00367	.00056
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	-.00116	-.00149	505.45	486.50	184.18	493.45	-.16730
SDev	.00272	.00079	10.69	12.30	3.76	10.15	.04628
%RSD	234.32	52.922	2.1148	2.5291	2.0419	2.0572	27.663
#1	.00075	-.00072	517.75	500.61	188.52	505.11	-.11400
#2	-.00427	-.00147	500.26	480.81	182.25	488.63	-.19069
#3	.00005	-.00229	498.35	478.06	181.78	486.60	-.19722
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	-.05343	.00105	-.00038	.03384	.00339	-.00187	.00397
SDev	.04220	.00104	.00093	.00624	.00395	.00336	.00309
%RSD	78.990	98.840	245.93	18.447	116.53	179.05	77.958
#1	-.05996	.00147	-.00035	.04063	-.00030	.00033	.00494
#2	-.00834	-.00013	-.00132	.02836	.00292	-.00574	.00645
#3	-.09198	.00181	.00054	.03252	.00755	-.00022	.00[illegible]
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	-.00731	.00155
SDev	.00857	.00201
%RSD	117.23	129.39
#1	-.00566	.00358
#2	-.01658	.00153
#3	.00031	-.00044
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	33261	--	--	--	--	--	--
SDev	729.6633	--	--	--	--	--	--
%RSD	2.193764	--	--	--	--	--	--
#1	32426	--	--	--	--	--	--
#2	33577	--	--	--	--	--	--
#3	33779	--	--	--	--	--	--

Analysis Report QC Standard 08/13/04 07:56:28 AM page 1

Method: EPA3 Sample Name: ICSAB Operator:
Run Time: 08/13/04 07:48:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50494	.44909	.90447	.47051	.46135	.49602	.47104
SDev	.00059	.00128	.00453	.00148	.00034	.00114	.00049
%RSD	.11724	.28534	.50099	.31491	.07376	.23046	.10430
#1	.50432	.45014	.90962	.47219	.46174	.49495	.47124
#2	.50550	.44945	.90273	.46996	.46121	.49723	.47140
#3	.50501	.44766	.90107	.46939	.46111	.49590	.47048
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	.94012	1.0043	.48519	.90148	1.0042	.92493	.94817
SDev	.00086	.0017	.00251	.00237	.0047	.00842	.00556
%RSD	.09123	.16875	.51722	.26257	.46812	.91011	.58619
#1	.94093	1.0051	.48799	.90405	1.0063	.92860	.94491
#2	.94022	1.0054	.48445	.90098	1.0075	.93089	.95458
#3	.93922	1.0023	.48314	.89940	.99883	.91530	.94501
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	.96511	.96329	510.23	503.71	194.13	495.29	-.16457
SDev	.00394	.00783	.43	1.38	.24	.81	.01026
%RSD	.40875	.81281	.08390	.27351	.12375	.16299	6.2333
#1	.96605	.95539	509.79	504.95	194.32	495.72	-.15826
#2	.96851	.96343	510.64	503.96	194.20	495.80	-.15904
#3	.96079	.97105	510.26	502.23	193.86	494.36	-.17641
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	.09243	.49128	.51607	.04360	.00482	.95657	.94352
SDev	.09834	.00073	.00218	.00205	.00285	.01332	.00338
%RSD	106.39	.14867	.42261	4.7039	59.060	1.3929	.35828
#1	.19646	.49087	.51847	.04377	.00751	.94424	.94480
#2	.07986	.49212	.51551	.04556	.00511	.97070	.94608
#3	.00099	.49085	.51422	.04147	.00184	.95476	.93969
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	.97264	.96100
SDev	.01432	.00580
%RSD	1.4723	.60323
#1	.98742	.95501
#2	.97166	.96658
#3	.95883	.96141
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	33561	--	--	--	--	--	--
SDev	118.2957	--	--	--	--	--	--
%RSD	.3524846	--	--	--	--	--	--
#1	33610	--	--	--	--	--	--
#2	33426	--	--	--	--	--	--
#3	33646	--	--	--	--	--	--

Analysis Report QC Standard 08/13/04 08:04:04 AM page 1

Method: EPA3 Sample Name: CCV Operator:
Run Time: 08/13/04 07:56:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0777	2.0086	1.9419	1.9697	2.0047	2.0422	2.0161
SDev	.0025	.0010	.0011	.0018	.0027	.0016	.0022
%RSD	.12140	.05226	.05507	.09039	.13318	.07797	.10681
#1	2.0776	2.0081	1.9408	1.9682	2.0021	2.0439	2.0159
#2	2.0803	2.0098	1.9418	1.9716	2.0074	2.0418	2.0184
#3	2.0753	2.0079	1.9430	1.9691	2.0046	2.0408	2.0141
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	1.9807	.25868	2.0403	1.9564	1.9809	1.9939	1.9650
SDev	.0012	.00035	.0022	.0015	.0044	.0139	.0047
%RSD	.05955	.13543	.10679	.07849	.22135	.69691	.24176
#1	1.9804	.25902	2.0393	1.9550	1.9843	1.9797	1.9684
#2	1.9797	.25870	2.0388	1.9580	1.9759	2.0075	1.9669
#3	1.9820	.25832	2.0428	1.9562	1.9825	1.9943	1.9595
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	1.9638	1.9891	40.357	39.079	40.544	40.418	40.892
SDev	.0097	.0071	.075	.089	.085	.052	.127
%RSD	.49215	.35780	.18508	.22671	.21025	.12752	.31010
#1	1.9685	1.9958	40.340	38.996	40.481	40.374	40.857
#2	1.9702	1.9900	40.438	39.172	40.641	40.475	41.032
#3	1.9527	1.9817	40.292	39.067	40.510	40.405	40.786
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	41.389	2.0417	2.0017	5.1787	2.0151	1.9989	1.9475
SDev	.086	.0030	.0015	.0097	.0024	.0013	.0071
%RSD	.20796	.14904	.07719	.18752	.12099	.06497	.36407
#1	41.439	2.0385	2.0005	5.1755	2.0173	1.9979	1.9533
#2	41.440	2.0446	2.0034	5.1896	2.0157	2.0004	1.9496
#3	41.290	2.0418	2.0012	5.1709	2.0125	1.9984	1.9396
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	1.9830	1.9538
SDev	.0086	.0102
%RSD	.43606	.52452
#1	1.9886	1.9581
#2	1.9874	1.9612
#3	1.9731	1.9421
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	34626	--	--	--	--	--	--
SDev	107.3449	--	--	--	--	--	--
%RSD	.3100136	--	--	--	--	--	--
#1	34706	--	--	--	--	--	--
#2	34504	--	--	--	--	--	--
#3	34667	--	--	--	--	--	--

Analysis Report QC Standard 08/13/04 08:11:40 AM

Method: EPA3 Sample Name: CCB Operator:
Run Time: 08/13/04 08:04:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00016	.00045	.00053	-.00061	.00055	-.00094	.00045
SDev	.00010	.00009	.00042	.00054	.00052	.00018	.00003
%RSD	65.321	20.852	78.948	88.761	94.750	18.943	5.7144
#1	.00027	Q.00054	.00055	.00001	.00115	-.00089	.00047
#2	.00012	.00045	.00011	-.00097	.00033	-.00079	.00047
#3	.00008	.00035	Q.00095	-.00087	.00017	-.00113	.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	.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	.00045	-.00052	.00137	.00058	-.00259	.00427	-.00295
SDev	.00173	.00021	.00075	.00051	.00470	.00574	.00187
%RSD	383.05	40.915	54.467	87.693	181.42	134.32	63.534
#1	.00232	-.00028	.00121	.00117	.00250	.00215	-.00088
#2	-.00109	-.00067	.00219	.00026	Q-.00675	Q.01077	Q-.00452
#3	.00013	-.00061	.00072	.00031	-.00351	-.00010	Q-.00345
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	.00270	.00072	.02075	.00882	.02693	.02907	-.25553
SDev	.00253	.00107	.00437	.00415	.00431	.00755	.00865
%RSD	93.840	148.05	21.070	47.077	16.011	25.964	3.3865
#1	.00390	-.00018	.02507	.01213	.03187	.03775	-.26466
#2	.00441	.00190	.02087	.01017	.02507	.02403	-.24745
#3	-.00021	.00045	.01633	.00416	.02387	.02544	-.25448
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	-.04736	.00128	-.00006	-.00570	.00064	.00086	-.00520
SDev	.11699	.00072	.00090	.00367	.00227	.00356	.00424
%RSD	247.02	56.494	1499.7	64.268	352.83	413.03	81.449
#1	-.02675	.00133	.00046	-.00227	-.00104	-.00098	-.00117
#2	.05796	.00197	-.00110	-.00956	-.00026	.00497	-.00961
#3	-.17328	.00053	.00046	-.00528	.00322	-.00140	-.004[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	.00301	.00223
SDev	.01025	.00368
%RSD	340.61	164.83
#1	-.00132	.00621
#2	.01471	-.00104
#3	-.00437	.00152
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	34847	--	--	--	--	--	--
SDev	96.76998	--	--	--	--	--	--
%RSD	.2776959	--	--	--	--	--	--
#1	34959	--	--	--	--	--	--
#2	34793	--	--	--	--	--	--
#3	34790	--	--	--	--	--	--

Method: EPA3 Sample Name: N73620-10 Operator:
Run Time: 08/13/04 08:14:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02030	.00004	-.00020	.00032	.00116	-.00071	1.0946
SDev	.00016	.00003	.00034	.00017	.00017	.00071	.0061
%RSD	.78923	87.574	170.96	54.054	14.901	100.88	.56046
#1	.02047	.00008	-.00029	.00037	.00104	.00012	1.1017
#2	.02024	.00003	-.00048	.00046	.00136	-.00109	1.0914
#3	.02017	.00001	.00018	.00013	.00108	-.00115	1.0908
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	.00258	-.00079	.00095	.00900	-.00086	.00478	-.00226
SDev	.00033	.00026	.00068	.00042	.00393	.00673	.00086
%RSD	12.624	32.440	71.299	4.6175	454.97	141.02	38.223
#1	.00255	-.00105	.00174	.00913	-.00288	.00084	-.00133
#2	.00227	-.00055	.00056	.00934	-.00338	.01255	-.00241
#3	.00292	-.00076	.00056	.00854	.00367	.00094	L-.00304
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	.00155	.00050	.00606	32.149	.02975	12.296	.90820
SDev	.00052	.00499	.00464	.145	.00512	.062	.01256
%RSD	33.684	1001.7	76.545	.45012	17.221	.50419	1.3829
#1	.00141	L-.00516	.00982	32.313	.03204	12.367	.92240
#2	.00212	.00424	.00748	32.094	.02388	12.272	.89857
#3	.00111	.00241	.00088	32.039	.03333	12.251	.90362
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	54.651	.00038	-.00093	9.1093	-.00080	-.00313	-.00222
SDev	.249	.00095	.00035	.0549	.00113	.00133	.00066
%RSD	.45545	248.73	37.796	.60295	140.20	42.310	29.587
#1	54.899	-.00042	-.00081	9.1715	-.00086	-.00212	-.00146
#2	54.651	.00143	-.00065	9.0889	.00035	-.00264	-.00264
#3	54.402	.00013	-.00132	9.0675	-.00190	-.00463	-.00254
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	-.00230	.00315
SDev	.00244	.00193
%RSD	105.96	61.314
#1	-.00311	.00333
#2	-.00422	.00500
#3	.00044	.00114
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	34634	--	--	--	--	--	--
SDev	332.1878	--	--	--	--	--	--
%RSD	.9591414	--	--	--	--	--	--
#1	34250	--	--	--	--	--	--
#2	34834	--	--	--	--	--	--
#3	34818	--	--	--	--	--	--

Analysis Report 08/13/04 08:29:32 AM

Method: EPA3 Sample Name: N73620-11 Operator:
Run Time: 08/13/04 08:22:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08840	.00003	-.00010	-.00033	.00210	.00002	.08330
SDev	.00036	.00003	.00027	.00040	.00014	.00037	.00034
%RSD	.41095	90.326	280.16	119.48	6.7263	1916.1	.40232
#1	.08816	.00006	-.00000	-.00001	.00198	.00011	.08311
#2	.08821	.00001	-.00040	-.00077	.00225	.00034	.08369
#3	.08882	.00001	.00011	-.00022	.00207	-.00039	.08311
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	.00107	-.00076	.00017	.01165	.00453	-.00239	.00046
SDev	.00044	.00021	.00066	.00022	.00496	.00223	.00238
%RSD	40.919	28.416	393.24	1.9279	109.42	93.134	519.24
#1	.00067	-.00097	-.00054	.01141	.01013	-.00101	-.00229
#2	.00154	-.00076	.00076	.01168	.00278	-.00120	.00190
#3	.00099	-.00054	.00028	.01185	.00069	-.00496	.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	.00212	.00219	.07803	31.917	.63823	34.041	194.36
SDev	.00120	.00469	.00268	.105	.00785	.090	.68
%RSD	56.813	213.81	3.4322	.32969	1.2301	.26414	.34813
#1	.00298	.00589	.07540	31.841	.62934	33.955	193.72
#2	.00264	.00377	.07794	32.037	.64114	34.135	194.30
#3	.00074	-.00308	.08075	31.874	.64421	34.034	195.07
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	132.38	.10033	-.00202	7.6666	.00067	.00120	-.00043
SDev	.55	.00174	.00110	.0173	.00118	.00304	.00210
%RSD	.41609	1.7363	54.678	.22548	176.68	254.68	491.49
#1	131.75	.09900	-.00286	7.6479	.00058	-.00223	-.00283
#2	132.76	.09969	-.00242	7.6819	-.00046	.00361	.00054
#3	132.64	.10230	-.00077	7.6699	.00188	.00221	.00102
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	-.00337	.00452
SDev	.00014	.00174
%RSD	4.0855	38.452
#1	-.00327	.00577
#2	-.00332	.00527
#3	-.00353	.00254
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	34887	--	--	--	--	--	--
SDev	105.3729	--	--	--	--	--	--
%RSD	.3020411	--	--	--	--	--	--
#1	34962	--	--	--	--	--	--
#2	34933	--	--	--	--	--	--
#3	34766	--	--	--	--	--	--

Analysis Report 08/13/04 08:37:09 AM

Method: EPA3 Sample Name: N73620-12 Operator:
Run Time: 08/13/04 08:29:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04154	-.00001	-.00071	-.00095	.02291	-.00016	.07177
SDev	.00048	.00003	.00026	.00095	.00043	.00027	.00060
%RSD	1.1456	185.99	35.923	99.345	1.8955	170.01	.83460
#1	.04109	-.00004	-.00090	-.00205	.02258	-.00045	.07114
#2	.04204	.00000	-.00082	-.00041	.02340	-.00013	.07233
#3	.04150	.00000	-.00042	-.00041	.02276	.00010	.07184
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	.00140	-.00098	.00736	.04895	.00366	.00877	.00066
SDev	.00062	.00019	.00239	.00086	.00355	.00158	.00149
%RSD	44.496	19.801	32.459	1.7632	96.842	18.048	225.73
#1	.00110	-.00095	.00999	.04796	.00550	.01026	.00224
#2	.00098	-.00119	.00532	.04948	-.00043	.00711	-.00071
#3	.00212	-.00081	.00677	.04942	.00591	.00895	.00045
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	.00196	.00109	.82865	40.264	.88580	9.9705	7.9355
SDev	.00119	.00341	.00871	.426	.01396	.1035	.0770
%RSD	60.567	313.22	1.0515	1.0576	1.5758	1.0384	.97080
#1	.00215	.00502	.81931	39.802	.87230	9.8580	7.8645
#2	.00069	-.00061	.83656	40.642	.90017	10.062	8.0174
#3	.00304	-.00114	.83009	40.346	.88494	9.9916	7.9246
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	70.317	.00363	-.00265	15.294	.00014	.00703	-.00284
SDev	.645	.00200	.00105	.142	.00601	.01530	.00569
%RSD	.91694	55.107	39.641	.93024	4418.8	217.66	200.25
#1	69.628	.00590	-.00386	15.142	.00673	.02469	-.00928
#2	70.905	.00288	-.00199	15.423	-.00503	-.00128	-.00073
#3	70.418	.00211	-.00209	15.318	-.00129	-.00232	.00149
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	.00246	.00140
SDev	.01136	.00577
%RSD	462.42	413.43
#1	.01557	-.00486
#2	-.00357	.00252
#3	-.00462	.00653
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	34926	--	--	--	--	--	--
SDev	86.02513	--	--	--	--	--	--
%RSD	.2463040	--	--	--	--	--	--
#1	35014	--	--	--	--	--	--
#2	34842	--	--	--	--	--	--
#3	34924	--	--	--	--	--	--

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Method: EPA3 Sample Name: N74218-5 Operator:
Run Time: 08/13/04 08:37:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00179	.00031	-.00015	-.00072	.00020	-.00053	.00030
SDev	.00012	.00003	.00018	.00044	.00039	.00015	.00007
%RSD	6.4535	10.656	115.44	61.052	193.48	28.987	23.192
#1	.00191	.00035	-.00025	-.00119	-.00014	-.00070	.00024
#2	.00168	.00029	.00005	-.00032	.00012	-.00041	.00028
#3	.00177	.00030	-.00026	-.00065	.00063	-.00047	.00037
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	.00075	-.00089	-.00064	.00683	.00139	.00218	.00012
SDev	.00041	.00013	.00104	.00006	.00617	.00369	.00251
%RSD	54.680	15.013	162.69	.93474	443.90	169.11	2120.9
#1	.00105	-.00103	-.00140	.00676	-.00250	-.00162	-.00278
#2	.00094	-.00077	-.00107	.00687	H.00850	.00241	.00141
#3	.00028	-.00086	.00055	.00686	-.00183	.00575	.00173
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	.00036	.00170	-.00699	.01609	.01512	-.00621	-.33592
SDev	.00099	.00321	.00139	.00020	.00645	.00133	.00437
%RSD	276.94	189.48	19.936	1.2680	42.663	21.399	1.3011
#1	-.00077	-.00163	-.00742	.01591	.01206	-.00753	-.33100
#2	.00109	.00192	-.00544	.01631	.01077	-.00487	-.33739
#3	.00075	.00479	-.00813	.01604	.02252	-.00624	-.33936
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	.38674	.00040	-.00168	.08172	-.00020	.00175	-.00121
SDev	.07835	.00130	.00107	.00070	.00255	.00422	.00357
%RSD	20.260	326.95	63.659	.85132	1295.4	241.43	295.30
#1	.47304	.00166	-.00276	.08162	.00078	.00023	-.00480
#2	.36712	-.00093	-.00163	.08247	.00172	-.00150	.00235
#3	.32006	.00046	-.00063	.08109	-.00310	.00652	-.00118
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

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High	5.0000	.00500	.05000	.20000	.01000
Low	-5.0000	-.01000	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00165	.00102
SDev	.00107	.00125
%RSD	65.246	122.82
#1	-.00254	-.00023
#2	-.00195	.00227
#3	-.00045	.00101
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	35043	--	--	--	--	--	--
SDev	150.5498	--	--	--	--	--	--
%RSD	.4296087	--	--	--	--	--	--
#1	34877	--	--	--	--	--	--
#2	35084	--	--	--	--	--	--
#3	35170	--	--	--	--	--	--

Analysis Report 08/13/04 08:52:23 AM

Method: EPA3 Sample Name: N74259-1F Operator:
Run Time: 08/13/04 08:44:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04871	-.00005	-.00044	-.00039	.00289	-.00186	.50884
SDev	.00087	.00000	.00028	.00048	.00020	.00053	.00897
%RSD	1.7830	9.3792	64.232	121.79	6.8819	28.539	1.7627
#1	.04901	-.00005	-.00075	-.00018	.00304	-.00145	.51065
#2	.04774	-.00005	-.00019	-.00094	.00267	-.00246	.49911
#3	.04940	-.00006	-.00038	-.00006	.00297	-.00168	.51677
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	.00015	-.00092	.00081	.00533	.34599	-.00195	.00206
SDev	.00136	.00002	.00043	.00014	.00668	.00185	.00202
%RSD	925.33	2.4490	53.115	2.5239	1.9321	94.635	97.986
#1	.00099	-.00094	.00109	.00534	.34380	-.00386	.00300
#2	.00088	-.00092	.00102	.00520	.34068	-.00182	-.00026
#3	-.00143	-.00089	.00031	.00546	.35349	-.00017	.00344
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	-.00045	-.00026	.00539	74.671	18.360	6.9853	8.4275
SDev	.00178	.00148	.00103	1.335	.338	.1311	.1626
%RSD	392.80	578.18	19.073	1.7882	1.8401	1.8771	1.9296
#1	-.00049	.00125	.00552	74.918	18.416	7.0062	8.4447
#2	.00134	-.00031	.00430	73.230	17.998	6.8449	8.2570
#3	-.00221	-.00171	.00635	75.866	18.666	7.1046	8.5808
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	35.895	.00139	-.00096	8.2966	-.00064	.00056	.00243
SDev	.474	.00011	.00052	.1451	.00115	.00407	.00166
%RSD	1.3208	7.9788	54.118	1.7491	180.00	728.87	68.380
#1	35.805	.00131	-.00082	8.3219	-.00197	.00442	.00191
#2	35.472	.00135	-.00153	8.1405	.00005	-.00370	.00109
#3	36.408	.00152	-.00052	8.4274	-.00000	.00096	.00428
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	-.00089	-.00057
SDev	.00466	.00341
%RSD	520.93	600.40
#1	.00446	-.00330
#2	-.00315	.00326
#3	-.00399	-.00167
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	35666	--	--	--	--	--	--
SDev	514.8232	--	--	--	--	--	--
%RSD	1.443473	--	--	--	--	--	--
#1	35599	--	--	--	--	--	--
#2	36210	--	--	--	--	--	--
#3	35187	--	--	--	--	--	--

Method: EPA3 Sample Name: N74259-2F Operator:
Run Time: 08/13/04 08:52:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04658	-.00003	-.00056	-.00123	.00281	-.00250	.45871
SDev	.00032	.00003	.00041	.00146	.00095	.00040	.00318
%RSD	.68797	85.626	74.474	119.15	33.674	15.878	.69294
#1	.04682	-.00005	-.00080	-.00284	.00183	-.00285	.45940
#2	.04671	-.00000	-.00008	.00001	.00372	-.00207	.46149
#3	.04622	-.00004	-.00079	-.00086	.00288	-.00257	.45524
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	.00048	-.00091	.00121	.00979	.34805	-.00140	.00168
SDev	.00032	.00086	.00066	.00075	.00215	.00633	.00099
%RSD	65.581	94.874	54.808	7.6812	.61664	452.88	58.596
#1	.00012	-.00184	.00197	.00902	.34692	-.00806	.00188
#2	.00071	-.00016	.00076	.01052	.35053	.00452	.00061
#3	.00062	-.00072	.00090	.00983	.34671	-.00065	.00256
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	.00012	.01147	74.548	16.737	6.6085	8.4127
SDev	.00173	.00423	.00233	.481	.110	.0434	.0534
%RSD	172.46	3557.1	20.339	.64495	.65963	.65647	.63500
#1	.00295	-.00418	.01415	74.543	16.744	6.6096	8.4589
#2	-.00037	.00427	.01028	75.031	16.844	6.6512	8.4250
#3	.00044	.00027	.00997	74.070	16.624	6.5645	8.3542
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	34.366	.00153	-.00214	8.3607	-.00377	.00556	-.00059
SDev	.384	.00142	.00270	.0521	.00320	.01119	.00582
%RSD	1.1182	92.861	125.76	.62354	84.731	201.37	979.48
#1	34.391	.00010	-.00500	8.3834	-.00078	.01825	-.00665
#2	34.737	.00156	.00036	8.3976	-.00714	.00132	-.00008
#3	33.969	.00294	-.00179	8.3010	-.00341	-.00290	.00495
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	.00349	-.00056
SDev	.00769	.00123
%RSD	220.59	219.51
#1	.01201	-.00188
#2	-.00293	.00056
#3	.00138	-.00037
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	35226	--	--	--	--	--	--
SDev	423.3991	--	--	--	--	--	--
%RSD	1.201946	--	--	--	--	--	--
#1	34839	--	--	--	--	--	--
#2	35161	--	--	--	--	--	--
#3	35678	--	--	--	--	--	--

Analysis Report 08/13/04 09:07:37 AM page 1

Method: EPA3 Sample Name: N74265-7 Operator:
Run Time: 08/13/04 09:00:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01150	.00072	-.00037	-.00006	.00038	-.00154	.00214
SDev	.00014	.00001	.00025	.00041	.00053	.00041	.00009
%RSD	1.2004	.86403	67.114	650.72	140.83	26.440	3.9586
#1	.01157	.00073	-.00009	-.00054	.00001	-.00153	.00205
#2	.01134	.00072	-.00054	.00011	.00098	-.00195	.00222
#3	.01159	.00072	-.00048	.00023	.00013	-.00114	.00215
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	.00589	-.00100	.00028	.00200	.00221	-.00007	-.00034
SDev	.00055	.00059	.00041	.00021	.00507	.00254	.00178
%RSD	9.3672	59.095	145.89	10.376	229.78	3535.3	516.34
#1	.00649	-.00164	.00023	.00198	.00028	.00232	.00159
#2	.00577	-.00047	.00071	.00223	H.00796	.00020	-.00071
#3	.00541	-.00089	-.00010	.00181	-.00162	-.00274	-.00192
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	.00009	.00495	.00235	.17104	.01238	.02034	-.36126
SDev	.00220	.00320	.00100	.00072	.00463	.00375	.00588
%RSD	2344.2	64.709	42.639	.42229	37.418	18.450	1.6280
#1	.00213	H.00776	.00350	.17148	.01722	.01694	-.35624
#2	-.00225	.00146	.00184	.17143	.01192	.02436	-.36773
#3	.00040	H.00562	.00170	.17021	.00799	.01971	-.35981
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	.74371	-.00024	-.00009	H.46868	-.00190	-.00004	-.00101
SDev	.04972	.00058	.00106	.00213	.00303	.00406	.00087
%RSD	6.6852	245.48	1144.0	.45414	159.87	9840.6	85.927
#1	.78672	-.00027	-.00076	H.47083	.00122	.00462	-.00044
#2	.68927	.00036	.00113	H.46657	-.00207	-.00199	-.00058
#3	.75512	-.00080	-.00065	H.46863	-.00484	-.00276	-.0020[illegible]
Errors	LC Pass	LC Pass	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK

1472

High	5.0000	.00500	.05000	.20000	.01000
Low	-5.0000	-.01000	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	-.00019	-.00011
SDev	.00693	.00028
%RSD	3637.6	260.65
#1	.00651	-.00041
#2	-.00733	-.00005
#3	.00024	.00014
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	34970	--	--	--	--	--	--
SDev	130.1246	--	--	--	--	--	--
%RSD	.3721049	--	--	--	--	--	--
#1	34881	--	--	--	--	--	--
#2	35119	--	--	--	--	--	--
#3	34910	--	--	--	--	--	--

Method: EPA3 Sample Name: ACID1L8-13 Operator:
Run Time: 08/13/04 09:10:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02962	.00000	-.00023	-.00027	-.00027	-.00244	.00126
SDev	.00009	.00002	.00037	.00045	.00012	.00029	.00001
%RSD	.28694	51846.	162.96	168.40	44.828	11.963	.42310
#1	.02960	-.00002	.00014	.00009	-.00032	-.00271	.00127
#2	.02955	-.00000	-.00060	-.00077	-.00037	-.00250	.00126
#3	.02972	.00002	-.00023	-.00012	-.00013	-.00213	.00126
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	.00221	-.00010	.00005	.00479	.00359	.00502	-.00118
SDev	.00111	.00050	.00032	.00038	.00476	.00702	.00141
%RSD	49.988	483.79	674.60	7.8937	132.34	139.84	119.32
#1	.00159	-.00058	.00036	.00441	.00887	.00767	.00040
#2	.00349	-.00015	.00004	.00480	.00228	.01033	-.00165
#3	.00156	.00042	-.00027	.00517	-.00036	-.00294	-.00229
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	.00370	-.00338	.03524	9.3274	.00270	5.4969	-.18069
SDev	.00277	.00199	.00414	.0135	.01298	.0092	.01616
%RSD	74.860	58.888	11.759	.14491	480.37	.16677	8.9417
#1	.00133	L-.00553	.03324	9.3325	-.00199	5.5037	-.16390
#2	.00674	-.00301	.03247	9.3120	-.00728	5.4865	-.19613
#3	.00303	-.00160	.04000	9.3376	.01738	5.5006	-.18204
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	2.0897	.00068	.00010	1.5021	.01003	-.00016	-.00202
SDev	.0800	.00017	.00086	.0018	.00231	.00407	.00111
%RSD	3.8290	25.017	869.64	.12245	22.996	2596.0	54.762
#1	2.1758	.00056	.00016	1.5001	.00962	.00432	-.00189
#2	2.0755	.00062	-.00080	1.5038	.00796	-.00364	-.00099
#3	2.0177	.00088	.00093	1.5023	.01252	-.00114	-.00312
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	.00782	.00132
SDev	.00131	.00354
%RSD	16.805	268.71
#1	.00698	-.00183
#2	.00934	.00516
#3	.00715	.00063
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	35875	--	--	--	--	--	--
SDev	124.4003	--	--	--	--	--	--
%RSD	.3467612	--	--	--	--	--	--
#1	35736	--	--	--	--	--	--
#2	35976	--	--	--	--	--	--
#3	35913	--	--	--	--	--	--

Analysis Report 08/13/04 09:25:31 AM

Method: EPA3 Sample Name: ACID.5L8-13 Operator:
Run Time: 08/13/04 09:17:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02789	-.00001	.00016	-.00098	-.00039	-.00264	.00126
SDev	.00078	.00000	.00026	.00029	.00055	.00036	.00010
%RSD	2.7984	32.695	166.34	29.089	141.16	13.549	7.9343
#1	.02716	-.00001	.00015	-.00077	.00024	-.00277	.00116
#2	.02779	-.00001	-.00010	-.00087	-.00078	-.00292	.00126
#3	.02871	-.00001	.00042	-.00131	-.00062	-.00224	.00136
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	.00088	-.00018	-.00022	.00302	.00474	.00188	-.00211
SDev	.00129	.00027	.00090	.00067	.00171	.00067	.00190
%RSD	146.72	149.29	417.98	22.121	36.043	35.416	89.836
#1	.00060	-.00007	.00051	.00378	.00344	.00112	-.00110
#2	-.00025	.00001	-.00122	.00251	.00668	.00234	L-.00430
#3	.00229	-.00049	.00006	.00277	.00410	.00219	-.00094
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	.00626	-.00347	.04167	10.253	.00526	5.4700	-.16800
SDev	.00330	.00077	.00451	.276	.00110	.1406	.04151
%RSD	52.647	22.148	10.820	2.6963	20.804	2.5703	24.706
#1	.00946	-.00427	.03710	10.028	.00589	5.3515	-.20040
#2	.00645	-.00338	.04179	10.168	.00591	5.4333	-.18238
#3	.00288	-.00274	.04611	10.561	.00400	5.6254	-.12122
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	2.3198	.00088	-.00076	1.5037	.00820	-.00369	-.00166
SDev	.1270	.00095	.00060	.0466	.00318	.00468	.00050
%RSD	5.4766	107.81	78.805	3.0986	38.751	126.84	30.240
#1	2.2294	.00190	-.00035	1.4640	.01173	-.00114	-.00141
#2	2.2649	.00003	-.00048	1.4922	.00731	-.00909	-.00223
#3	2.4651	.00070	-.00144	1.5550	.00557	-.00083	-.00[illegible]
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	675.00	45.000	45.000	45.000	45.000
Low	-5.0000	-.00500	-.05000	-.20000	-.01000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	.00692	.00561
SDev	.00125	.00495
%RSD	18.057	88.193
#1	.00781	.00999
#2	.00549	.00660
#3	.00745	.00024
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	35632	--	--	--	--	--	--
SDev	757.4117	--	--	--	--	--	--
%RSD	2.125666	--	--	--	--	--	--
#1	36230	--	--	--	--	--	--
#2	35886	--	--	--	--	--	--
#3	34780	--	--	--	--	--	--

Analysis Report QC Standard 08/13/04 09:33:06 AM page 1

Method: EPA3 Sample Name: CCV Operator:
Run Time: 08/13/04 09:25:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0670	1.9829	1.9273	1.9425	1.9938	2.0162	2.0016
SDev	.0062	.0028	.0022	.0038	.0035	.0077	.0046
%RSD	.30112	.14297	.11554	.19763	.17757	.37978	.23038
#1	2.0737	1.9861	1.9277	1.9469	1.9976	2.0249	2.0067
#2	2.0661	1.9807	1.9249	1.9397	1.9907	2.0132	1.9978
#3	2.0613	1.9820	1.9293	1.9410	1.9930	2.0104	2.0004
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	1.9667	.25613	2.0592	1.9423	1.9756	1.9962	1.9480
SDev	.0056	.00019	.0085	.0037	.0089	.0077	.0088
%RSD	.28731	.07502	.41333	.18847	.44997	.38613	.45133
#1	1.9709	.25595	2.0688	1.9447	1.9853	2.0041	1.9379
#2	1.9688	.25613	2.0527	1.9381	1.9679	1.9957	1.9527
#3	1.9603	.25633	2.0560	1.9441	1.9736	1.9887	1.9535
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	1.9437	1.9627	40.166	38.879	40.496	40.259	40.396
SDev	.0081	.0139	.128	.069	.074	.086	.121
%RSD	.41909	.70928	.31916	.17838	.18378	.21258	.29879
#1	1.9370	1.9768	40.313	38.948	40.567	40.349	40.519
#2	1.9414	1.9624	40.105	38.809	40.419	40.179	40.392
#3	1.9528	1.9489	40.080	38.880	40.501	40.249	40.278
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	40.734	2.0459	1.9755	5.1235	2.0251	1.9802	1.9316
SDev	.175	.0033	.0046	.0135	.0029	.0077	.0094
%RSD	.42985	.15931	.23171	.26334	.14563	.38932	.48533
#1	40.933	2.0493	1.9803	5.1391	2.0250	1.9714	1.9208
#2	40.603	2.0427	1.9749	5.1146	2.0281	1.9833	1.9371
#3	40.667	2.0458	1.9712	5.1169	2.0223	1.9858	1.931[illegible]
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK

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Value	40.000	2.0000	2.0000	5.0000	2.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	1960/1	1960/2
Units	ppm	ppm
Avge	1.9594	1.9355
SDev	.0060	.0118
%RSD	.30380	.60940
#1	1.9628	1.9237
#2	1.9526	1.9355
#3	1.9630	1.9473
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	35256	--	--	--	--	--	--
SDev	63.26187	--	--	--	--	--	--
%RSD	.1794358	--	--	--	--	--	--
#1	35191	--	--	--	--	--	--
#2	35318	--	--	--	--	--	--
#3	35259	--	--	--	--	--	--

lethod: EPA3 Sample Name: CCB Operator:
un Time: 08/13/04 09:33:10
omment:
lode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00027	.00049	.00033	.00004	.00037	-.00067	.00055
SDev	.00012	.00004	.00008	.00006	.00048	.00030	.00008
%RSD	44.737	8.2678	23.444	135.50	127.69	44.759	13.978
#1	.00014	Q.00053	.00040	.00006	.00063	-.00091	.00048
#2	.00039	.00050	.00034	.00009	.00067	-.00034	.00063
#3	.00029	.00045	.00025	-.00002	-.00018	-.00076	.00053
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	.00005	-.00067	.00042	.00154	.00122	.00188	-.00093
SDev	.00130	.00062	.00010	.00014	.00331	.00136	.00213
%RSD	2475.5	93.014	22.841	9.3483	270.97	72.263	228.06
#1	-.00084	-.00092	.00036	.00159	-.00207	.00031	.00029
#2	.00155	.00004	.00037	.00164	.00118	.00272	.00030
#3	-.00055	-.00113	.00053	.00137	.00454	.00262	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	.00168	.00203	.02962	.01965	.03507	.03454	-.36758
SDev	.00188	.00319	.00209	.00092	.00663	.00178	.01757
%RSD	112.29	156.83	7.0495	4.6620	18.902	5.1534	4.7809
#1	.00348	.00093	.02792	.02048	.02887	.03260	-.38616
#2	-.00028	Q.00563	Q.03195	.01980	.03427	.03494	-.35122
#3	.00183	-.00046	.02899	.01866	.04206	.03609	-.36536
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	-.11122	.00110	-.00013	-.01250	-.00013	-.00223	-.00078
SDev	.09937	.00092	.00122	.00205	.00139	.00352	.00155
%RSD	89.349	83.613	947.69	16.395	1046.4	157.87	197.52
#1	-.20869	.00213	-.00127	-.01421	-.00161	-.00109	.00050
#2	-.01005	.00081	-.00026	-.01023	.00006	.00058	-.00035
#3	-.11491	.00036	.00115	-.01305	.00115	-.00617	-.00250
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	.00271	.00083
SDev	.00421	.00351
%RSD	155.43	423.49
#1	.00001	.00488
#2	.00056	-.00103
#3	.00755	-.00137
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	36250	--	--	--	--	--	--
SDev	398.5472	--	--	--	--	--	--
%RSD	1.099428	--	--	--	--	--	--
#1	36703	--	--	--	--	--	--
#2	35953	--	--	--	--	--	--
#3	36095	--	--	--	--	--	--

Method: EPA3 Sample Name: MP26767-MB1 Operator:
Run Time: 08/13/04 09:41:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00461	.00007	-.00009	-.00102	.00044	-.00193	.00028
SDev	.00051	.00003	.00027	.00056	.00047	.00028	.00005
%RSD	11.103	41.840	289.79	55.039	106.01	14.510	17.726
#1	.00410	.00010	.00013	-.00087	.00027	-.00220	.00023
#2	.00461	.00005	-.00039	-.00054	.00097	-.00194	.00028
#3	.00512	.00006	-.00002	-.00163	.00009	-.00164	.00033
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	.00096	-.00051	-.00026	.00081	-.00185	.00101	-.00072
SDev	.00265	.00010	.00032	.00027	.00113	.00417	.00075
%RSD	277.38	20.446	121.79	32.979	60.984	413.33	104.91
#1	-.00209	-.00063	-.00026	.00056	-.00064	.00138	-.00001
#2	.00273	-.00043	.00006	.00109	-.00205	.00498	-.00063
#3	.00222	-.00048	-.00059	.00078	-.00287	-.00333	-.00150
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	-.00175	-.00020	.01064	1.3798	.01250	.84843	-.32505
SDev	.00258	.00173	.00026	.1959	.00378	.11530	.04065
%RSD	147.37	848.33	2.4554	14.197	30.263	13.590	12.506
#1	.00094	.00126	.01039	1.1869	.01471	.73311	-.35200
#2	-.00199	-.00212	.01091	1.3739	.00813	.84845	-.34485
#3	-.00421	.00025	.01061	1.5786	.01467	.96371	-.27829
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	.39047	.00035	.00058	H.21538	.00048	-.00172	-.00072
SDev	.13580	.00076	.00099	.03373	.00085	.00088	.00150
%RSD	34.780	216.12	169.37	15.660	179.12	51.279	207.39
#1	.34372	-.00053	.00092	.18105	.00042	-.00202	.00048
#2	.28422	.00076	.00136	H.21662	.00136	-.00241	-.00025
#3	.54347	.00083	-.00053	H.24847	-.00035	-.00073	-.00241
Errors	LC Pass	LC Pass	LC Pass	LC High	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	-.00280	-.00157
SDev	.00666	.00264
%RSD	238.07	168.29
#1	.00457	-.00121
#2	-.00840	.00087
#3	-.00456	-.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	35283	--	--	--	--	--	--
SDev	195.2776	--	--	--	--	--	--
%RSD	.5534577	--	--	--	--	--	--
#1	35443	--	--	--	--	--	--
#2	35341	--	--	--	--	--	--
#3	35066	--	--	--	--	--	--

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Method: EPA3 Sample Name: N74267-2 Operator:
Run Time: 08/13/04 09:48:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05923	.00003	-.00043	.00058	.00475	-.00159	.39064
SDev	.00025	.00003	.00054	.00006	.00024	.00010	.00192
%RSD	.41631	78.534	124.46	9.3985	5.1580	6.0969	.49242
#1	.05951	.00004	.00007	.00056	.00493	-.00154	.39286
#2	.05906	.00005	-.00100	.00055	.00485	-.00170	.38969
#3	.05911	.00000	-.00037	.00065	.00447	-.00152	.38938
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	-.00070	.00300	.00791	.04218	.00209	.00283
SDev	.00024	.00013	.00034	.00037	.00038	.00226	.00043
%RSD	54.521	18.568	11.422	4.6367	.88961	108.46	15.026
#1	.00050	-.00057	.00338	.00832	.04239	.00023	.00252
#2	.00017	-.00083	.00289	.00762	.04175	.00142	.00266
#3	.00064	-.00071	.00272	.00779	.04241	.00461	.00332
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	.00211	.00297	.40536	54.030	21.993	6.5824	12.641
SDev	.00342	.00129	.00560	.227	.100	.0327	.060
%RSD	162.21	43.355	1.3802	.41965	.45375	.49694	.47258
#1	.00032	.00189	.41171	54.292	22.100	6.6201	12.709
#2	.00605	.00439	.40324	53.909	21.979	6.5631	12.600
#3	-.00005	.00263	.40114	53.891	21.902	6.5639	12.612
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	14.521	.00157	-.00072	7.7652	.00122	.00327	.00220
SDev	.061	.00042	.00118	.0338	.00243	.00460	.00170
%RSD	.41670	26.549	162.82	.43583	198.37	140.49	77.319
#1	14.585	.00186	.00058	7.8041	.00395	-.00094	.00387
#2	14.465	.00175	-.00171	7.7492	-.00069	.00258	.00227
#3	14.511	.00109	-.00104	7.7425	.00041	.00818	.00046
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	-.00221	.00393
SDev	.00369	.00348
%RSD	166.85	88.742
#1	-.00542	.00285
#2	.00182	.00782
#3	-.00303	.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	35379	--	--	--	--	--	--
SDev	219.2329	--	--	--	--	--	--
%RSD	.6196662	--	--	--	--	--	--
#1	35145	--	--	--	--	--	--
#2	35414	--	--	--	--	--	--
#3	35579	--	--	--	--	--	--

Analysis Report QC Standard 08/13/04 10:04:34 AM

Method: EPA3 Sample Name: CRIB Operator:
Run Time: 08/13/04 09:57:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.40799	.01008	.00802	.09804	.02029	.04868	.03054
SDev	.00266	.00007	.00019	.00063	.00032	.00073	.00024
%RSD	.65177	.70798	2.4034	.64511	1.5674	1.4979	.78398
#1	.40555	.01001	.00799	.09743	.02050	.04849	.03036
#2	.41083	.01016	.00785	.09869	.01992	.04948	.03081
#3	.40760	.01008	.00823	.09798	.02044	.04806	.03045
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	.07970	.01960	.10186	.04043	.00812	.02362	.00490
SDev	.00130	.00042	.00062	.00044	.00191	.00117	.00040
%RSD	1.6268	2.1238	.61237	1.0853	23.454	4.9608	8.1346
#1	.07995	.01914	.10114	.04017	Q.00625	.02402	.00475
#2	.08085	.01995	.10220	.04094	.01006	.02230	.00535
#3	.07829	.01971	.10224	.04019	.00806	.02454	.00460
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	.01031	.00919	.39174	4.7863	.19570	4.8832	4.7082
SDev	.00369	.00253	.00379	.0343	.00540	.0276	.0240
%RSD	35.797	27.531	.96778	.71569	2.7604	.56557	.51007
#1	.00718	Q.00660	.38818	4.7551	.19413	4.8630	4.6806
#2	.00937	.00931	.39573	4.8230	.19126	4.9147	4.7247
#3	Q.01438	.01166	.39130	4.7809	.20171	4.8719	4.7192
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	4.9001	.02224	.10620	.40037	.02066	.00824	.00285
SDev	.0669	.00069	.00083	.00416	.00301	.00310	.00206
%RSD	1.3658	3.0924	.78476	1.0382	14.576	37.639	72.381
#1	4.9059	.02205	.10536	.39693	.01728	.00724	.00312
#2	4.9640	.02300	.10623	.40499	.02166	.00577	.00477
#3	4.8305	.02166	.10703	.39919	.02304	.01172	.0006
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	.00961	.01032
SDev	.00592	.00316
%RSD	61.545	30.655
#1	.00307	.00891
#2	.01120	.00811
#3	.01457	.01395
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	35634	--	--	--	--	--	--
SDev	131.2106	--	--	--	--	--	--
%RSD	.3682161	--	--	--	--	--	--
#1	35774	--	--	--	--	--	--
#2	35514	--	--	--	--	--	--
#3	35614	--	--	--	--	--	--

Analysis Report QC Standard 08/13/04 10:18:35 AM

Method: EPA3 Sample Name: ICSA Operator:
Run Time: 08/13/04 10:10:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00336	.00024	-.00117	.00105	-.00058	-.00133	-.00067
SDev	.00007	.00003	.00006	.00043	.00020	.00032	.00010
%RSD	1.9474	10.104	4.9553	40.574	34.210	24.267	15.393
#1	.00344	.00024	-.00111	.00127	-.00071	-.00101	-.00076
#2	.00333	.00022	-.00122	.00056	-.00068	-.00165	-.00056
#3	.00332	.00027	-.00118	.00132	-.00035	-.00131	-.00070
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	.00049	-.00049	.00196	.00004	-.00036	.00042	.00178
SDev	.00191	.00026	.00065	.00067	.00358	.00180	.00150
%RSD	385.17	52.795	33.170	1682.5	1004.5	428.13	84.142
#1	-.00079	-.00035	.00202	-.00063	.00124	.00077	.00070
#2	-.00041	-.00078	.00128	.00071	.00215	-.00153	Q.00349
#3	.00268	-.00033	.00258	.00003	-.00446	.00203	.00114
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	.00185	.00240	497.78	479.43	183.53	490.53	-.20073
SDev	.00146	.00243	7.29	6.81	2.49	6.19	.02430
%RSD	78.961	101.34	1.4653	1.4204	1.3576	1.2629	12.103
#1	.00077	.00262	506.20	487.29	186.40	497.67	-.17476
#2	.00126	.00471	493.87	475.87	182.25	487.41	-.22291
#3	.00351	-.00014	493.28	475.15	181.93	486.52	-.20453
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	-.08974	.00048	-.00134	.03325	.00531	-.00156	.00301
SDev	.13573	.00045	.00096	.00402	.00274	.00257	.00167
%RSD	151.26	93.801	71.484	12.107	51.639	165.33	55.693
#1	-.24538	.00024	-.00028	.03789	.00625	-.00109	.00116
#2	.00404	.00099	-.00214	.03103	.00745	.00075	.00442
#3	-.02787	.00020	-.00159	.03082	.00222	-.00433	.00314
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	-.00316	.00400
SDev	.00138	.00266
%RSD	43.655	66.539
#1	-.00157	.00159
#2	-.00402	.00355
#3	-.00388	.00685
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	34137	--	--	--	--	--	--
SDev	485.5883	--	--	--	--	--	--
%RSD	1.422478	--	--	--	--	--	--
#1	33589	--	--	--	--	--	--
#2	34514	--	--	--	--	--	--
#3	34308	--	--	--	--	--	--

Analysis Report QC Standard 08/13/04 10:26:17 AM

Method: EPA3 Sample Name: ICSAB Operator:
Run Time: 08/13/04 10:18:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50451	.44170	.89647	.46201	.45799	.49107	.46621
SDev	.00057	.00145	.00427	.00113	.00213	.00061	.00130
%RSD	.11266	.32890	.47630	.24440	.46521	.12482	.27987
#1	.50423	.44033	.89233	.46154	.45617	.49094	.46526
#2	.50414	.44155	.89623	.46119	.45747	.49053	.46567
#3	.50517	.44323	.90086	.46330	.46033	.49173	.46770
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	.93147	.99676	.48783	.88987	.98870	.93544	.94321
SDev	.00197	.00137	.00206	.00295	.00089	.01398	.00782
%RSD	.21117	.13773	.42207	.33125	.09024	1.4950	.82889
#1	.92921	.99590	.48697	.88740	.98783	.91977	.93418
#2	.93278	.99603	.48635	.88907	.98867	.93986	.94771
#3	.93243	.99834	.49018	.89313	.98961	.94667	.94775
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	.95852	.95561	506.26	496.52	193.35	492.80	-.20578
SDev	.00452	.00816	.86	1.79	.44	1.09	.01036
%RSD	.47117	.85368	.16953	.36083	.22606	.22051	5.0335
#1	.95405	.94745	505.54	495.00	193.08	492.01	-.21494
#2	.96308	.95563	506.04	496.08	193.11	492.36	-.20785
#3	.95843	.96376	507.21	498.50	193.85	494.04	-.19454
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	-.07746	.48915	.50995	.08375	.00095	.95120	.93872
SDev	.03608	.00250	.00206	.00396	.00198	.00567	.00904
%RSD	46.576	.51030	.40355	4.7228	209.99	.59641	.96309
#1	-.10742	.48728	.50896	.08044	.00269	.94501	.92833
#2	-.08755	.48820	.50857	.08268	-.00122	.95244	.94481
#3	-.03741	.49199	.51231	.08813	.00137	.95616	.943[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	.95541	.95973
SDev	.00618	.00902
%RSD	.64662	.93952
#1	.95630	.95258
#2	.94883	.96986
#3	.96109	.95675
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	34003	--	--	--	--	--	--
SDev	86.67673	--	--	--	--	--	--
%RSD	.2549076	--	--	--	--	--	--
#1	34079	--	--	--	--	--	--
#2	34022	--	--	--	--	--	--
#3	33909	--	--	--	--	--	--

Analysis Report QC Standard 08/13/04 10:33:59 AM

Method: EPA3 Sample Name: CCV Operator:
Run Time: 08/13/04 10:26:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0668	1.9977	1.9456	1.9527	2.0033	2.0171	2.0109
SDev	.0285	.0305	.0257	.0263	.0290	.0267	.0285
%RSD	1.3792	1.5283	1.3196	1.3482	1.4467	1.3247	1.4179
#1	2.0356	1.9636	1.9183	1.9238	1.9712	1.9873	1.9794
#2	2.0914	2.0226	1.9693	1.9753	2.0276	2.0391	2.0351
#3	2.0734	2.0068	1.9493	1.9589	2.0110	2.0248	2.0181
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	1.9776	.25656	2.0612	1.9638	1.9843	2.0127	1.9651
SDev	.0288	.00319	.0294	.0277	.0268	.0337	.0212
%RSD	1.4577	1.2451	1.4243	1.4099	1.3497	1.6738	1.0772
#1	1.9467	.25289	2.0282	1.9330	1.9534	1.9759	1.9410
#2	2.0038	.25871	2.0845	1.9866	1.9999	2.0421	1.9808
#3	1.9822	.25808	2.0710	1.9719	1.9997	2.0200	1.9734
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	1.9656	1.9688	40.156	39.117	40.743	40.573	40.164
SDev	.0209	.0357	.527	.538	.567	.514	.499
%RSD	1.0639	1.8150	1.3114	1.3743	1.3926	1.2670	1.2426
#1	1.9435	1.9315	39.575	38.535	40.125	40.031	39.603
#2	1.9852	2.0027	40.601	39.596	41.240	41.053	40.559
#3	1.9680	1.9723	40.293	39.220	40.865	40.634	40.331
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	40.768	2.0512	1.9782	5.1291	2.0334	1.9946	1.9499
SDev	.511	.0316	.0256	.0752	.0291	.0232	.0204
%RSD	1.2536	1.5410	1.2956	1.4662	1.4303	1.1628	1.0465
#1	40.186	2.0157	1.9494	5.0449	2.0010	1.9693	1.9264
#2	41.144	2.0763	1.9983	5.1895	2.0573	2.0150	1.9633
#3	40.974	2.0616	1.9871	5.1530	2.0417	1.9993	1.9609
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	1.9802	1.9579
SDev	.0239	.0194
%RSD	1.2062	.99312
#1	1.9545	1.9377
#2	2.0017	1.9765
#3	1.9843	1.9595
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	35434	--	--	--	--	--	--
SDev	431.2333	--	--	--	--	--	--
%RSD	1.217009	--	--	--	--	--	--
#1	35906	--	--	--	--	--	--
#2	35062	--	--	--	--	--	--
#3	35334	--	--	--	--	--	--

Analysis Report QC Standard 08/13/04 10:41:40 AM page 1

Method: EPA3 Sample Name: CCB Operator:
Run Time: 08/13/04 10:34:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ba4934	Be3130	Cd2265	Co2286	Cr2677	Cu3247	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00038	Q.00059	.00068	.00068	.00139	.00027	.00070
SDev	.00013	.00014	.00049	.00154	.00083	.00088	.00016
%RSD	35.184	23.723	72.195	225.93	59.501	323.26	22.401
#1	.00033	Q.00068	.00032	.00033	.00117	-.00002	.00069
#2	.00053	Q.00065	Q.00124	.00237	.00231	.00126	.00087
#3	.00028	.00043	.00048	-.00065	.00070	-.00043	.00055
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	.00109	.00072	.00099	.00232	.00442	.00239	.00196
SDev	.00163	.00141	.00062	.00076	.00464	.00304	.00222
%RSD	149.92	194.27	62.459	32.804	105.08	126.82	113.35
#1	.00033	-.00027	.00169	.00163	-.00077	.00221	Q.00421
#2	.00296	Q.00234	.00056	Q.00314	Q.00818	-.00055	.00189
#3	-.00003	.00011	.00071	.00221	Q.00585	.00552	-.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	.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	.00046	Q.00555	Q.10380	.10258	Q.06081	.12904	-.27507
SDev	.00050	.00772	.05017	.06105	.02272	.06311	.03191
%RSD	108.18	138.94	48.331	59.518	37.368	48.908	11.602
#1	-.00004	.00022	Q.15867	.17058	Q.08020	.19689	-.25021
#2	.00097	Q.01440	Q.09246	.08467	Q.06644	.11812	-.26395
#3	.00046	.00203	Q.06028	.05248	.03581	.07210	-.31106
Errors	QC Pass	QC Fail	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	.07377	.00198	.00295	-.00409	-.00075	-.00057	.00289
SDev	.36599	.00102	.00393	.00467	.00078	.00167	.00278
%RSD	496.16	51.286	133.19	114.19	103.30	291.84	96.362
#1	-.01301	.00290	.00026	-.00524	.00008	.00129	.00533
#2	.47535	.00216	.00747	.00105	-.00086	-.00193	.00346
#3	-.24104	.00089	.00114	-.00807	-.00146	-.00108	-.00014
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	.00376	-.00151
SDev	.00381	.00261
%RSD	101.26	172.64
#1	.00815	-.00447
#2	.00127	.00047
#3	.00187	-.00054
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	35407	--	--	--	--	--	--
SDev	142.4899	--	--	--	--	--	--
%RSD	.4024290	--	--	--	--	--	--
#1	35325	--	--	--	--	--	--
#2	35572	--	--	--	--	--	--
#3	35326	--	--	--	--	--	--

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: N74646
Account: ENSRMAA - ENSR Consulting & Engineering
Project: Former Camp Butner, NC

File ID: X081604W1.CSV Date Analyzed: 08/16/04 Methods: SW846 6020
Analyst: ND Run ID: MA14290
Parameters: Be,Tl

Time	Sample Description	Dilution Factor	PS Recov	Comments
10:07	MA14290-STD1	1		STD1
10:15	MA14290-STD2	1		STD2
10:22	MA14290-STD3	1		STD3
10:30	MA14290-STD4	1		STD4
10:37	MA14290-STD5	1		STD5
10:45	MA14290-ICV1	1		
11:12	MA14290-ICB1	1		
11:19	MA14290-CCV1	1		
11:29	MA14290-CCB1	1		
11:37	MA14290-CRI1	1		
11:53	MA14290-ICSA1	1		
12:01	MA14290-ICSAB1	1		
12:10	MA14290-CCV2	1		
12:19	MA14290-CCB2	1		
12:28	ZZZZZZ	2		
12:37	ZZZZZZ	2		
12:46	MP26767-S1	5		
12:56	MP26767-S2	5		
13:14	MP26857-MB1	2		Tl carryover.
13:23	MP26857-LC1	2		
13:41	N74646-12	2		
13:50	MP26857-MB1	2		
14:00	MA14290-CCV3	1		
14:11	MA14290-CCB3	1		
14:18	MP26857-S1	5		
14:26	MP26857-S2	5		
14:41	MP26857-SD1	10		
14:48	N74646-13	2		
14:57	N74646-12F	2		
15:05	N74646-13F	2		
---------->	Last reportable sample/prep for job N74646			
15:12	MP26783-MB1	2		
15:20	MA14290-CCV4	1		
15:29	MA14290-CCB4	1		
---------->	Last reportable CCB for job N74646			

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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: X081604W1.CSV Date Analyzed: 08/16/04 Methods: SW846 6020
Analyst: ND Run ID: MA14290
Parameters: Be,Tl

Time	Sample Description	Dilution Factor	PS Recov	Comments
15:37	MP26783-LC1	2		
15:44	MP26783-S1	5		
15:52	MP26783-S2	5		
16:07	MP26783-SD1	10		
16:14	N74914-1	2		(sample used for QC only; not part of login N74646)
16:22	ZZZZZZ	2		
16:29	MA14290-CCV5	1		
16:39	MA14290-CCB5	1		
16:49	MA14290-CCV6	1		
16:59	MA14290-CCB6	1		
17:08	ZZZZZZ	2		
17:18	ZZZZZZ	2		
17:28	ZZZZZZ	2		
17:38	ZZZZZZ	2		
17:48	ZZZZZZ	2		
17:58	ZZZZZZ	2		
18:07	ZZZZZZ	2		
18:17	MA14290-CCV7	1		
18:27	MA14290-CCB7	1		
18:37	ZZZZZZ	2		
18:47	ZZZZZZ	2		
18:56	ZZZZZZ	2		
19:06	ZZZZZZ	2		
19:16	ZZZZZZ	2		
19:26	N74914-1	2		(sample used for QC only; not part of login N74646)
19:46	MA14290-CCV8	1		
19:55	MA14290-CCB8	1		

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: X081604W1.CSV Date Analyzed: 08/16/04 Methods: SW846 6020
Analyst: ND Run ID: MA14290
Parameters: Be,Tl

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4	Istd#5	Istd#6	Istd#7	Istd#8
10:07	MA14290-STD1	100 R	100 R	100 R	100 R	100 R	100 R	100 R	100 R
10:15	MA14290-STD2	100.96	100.66	100.45	101.25	102.22	100.63	100.92	100.98
10:22	MA14290-STD3	101.19	99.99	99.92	100.82	102.96	100.85	101.13	101.85
10:30	MA14290-STD4	97.31	96.85	97.57	98.71	100.76	99.73	99.75	102.12
10:37	MA14290-STD5	92.47	95.36	95.82	96.01	99.59	98.92	98.92	98.71
10:45	MA14290-ICV1	92.34	96	97.46	97.78	101.32	100.27	99.98	101.21
11:12	MA14290-ICB1	100.24	101.1	101.51	102.98	104.89	102.47	102.54	103.71
11:19	MA14290-CCV1	92.77	95.53	96.39	97.18	100.09	98.73	99.34	100.41
11:29	MA14290-CCB1	96.3	98.4	98.08	98.86	99.9	98.68	98.83	99.43
11:37	MA14290-CRI1	97.48	99.84	99.23	100.66	102.03	99.61	99.62	100.42
11:53	MA14290-ICSA1	85.6	91.43	93.14	90.76	95.57	96.78	97.27	94.9
12:01	MA14290-ICSAB1	85.13	90.88	92.93	90.36	95.11	97.33	97.76	95.11
12:10	MA14290-CCV2	86.44	92.91	94.04	94.6	96.48	96.8	97.34	97.98
12:19	MA14290-CCB2	85.87	90.62	91.47	92.74	93.89	94.15	94.58	94.51
12:28	ZZZZZZ	89.01	90.85	92.3	92.64	93.69	94.64	94.92	96.69
12:37	ZZZZZZ	89.85	92.03	93.42	94.36	95.93	97.92	98.52	100.6
12:46	MP26767-S1	86.88	91.96	91.74	93.09	94.44	95.84	96.31	99.06
12:56	MP26767-S2	85.29	89.4	89.89	90.62	92.01	93.87	93.98	96.94
13:14	MP26857-MB1	90.22	89.45	90.9	91.8	92.73	95.09	95.72	97.99
13:23	MP26857-LC1	88.49	88.69	89.9	90.24	91.33	93.85	94.4	96.17
13:41	N74646-12	92.61	91.78	90.77	90.67	91.77	94.24	94.76	97.14
13:50	MP26857-MB1	89.78	88.42	89.09	90.3	90.69	92.82	93.22	97
14:00	MA14290-CCV3	84.79	86.67	87.32	87.49	88.44	90.8	91.36	94.03
14:11	MA14290-CCB3	86.78	87.16	87.03	88.18	88.55	90.38	91.03	94.05
14:18	MP26857-S1	88.91	90.45	88.29	89.53	90.25	91.91	92.41	95.65
14:26	MP26857-S2	87.95	90.19	88.71	89.67	90.35	91.94	92.23	95.08
14:41	MP26857-SD1	85.67	87.15	84.87	86.23	86.38	87.16	87.35	90.17
14:48	N74646-13	92.09	92.86	89.88	90.3	90.98	92.94	93.42	95.9
14:57	N74646-12F	91.73	93.77	91.25	92.36	92.54	94.7	95.25	99.25
15:05	N74646-13F	93.21	94.63	92.52	93.05	93.51	95.77	96.12	99.02
15:12	MP26783-MB1	96.18	93.55	93.75	94.9	94.78	96.67	97.11	100.47
15:20	MA14290-CCV4	85.46	88.76	88.91	90.42	90.96	92.54	92.81	96.56
15:29	MA14290-CCB4	87.84	89.32	88.12	88.78	88.32	89.98	90.26	90.96
15:37	MP26783-LC1	91.35	91.61	91.19	92.11	92.03	94.31	94.78	98.54

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INTERNAL STANDARD SUMMARY

Login Number: N74646
Account: ENSRMAA - ENSR Consulting & Engineering
Project: Former Camp Butner, NC

File ID: X081604W1.CSV
Analyst: ND
Parameters: Be,Tl

Date Analyzed: 08/16/04
Run ID: MA14290

Methods: SW846 6020

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4	Istd#5	Istd#6	Istd#7	Istd#8
15:44	MP26783-S1	89.62	92.55	91.2	92.19	92.47	94.15	94.32	97.67
15:52	MP26783-S2	90.18	92.19	90.96	92.01	92.77	93.93	94.42	97.45
16:07	MP26783-SD1	87.79	89.83	88.42	90.22	90.91	91.59	91.67	95.95
16:14	N74914-1	95.33	94.43	92.04	92.75	93.73	95.19	95.32	98.47
16:22	ZZZZZZ	93.66	94.33	91.82	91.95	93.24	94.3	94.93	97.16
16:29	MA14290-CCV5	85.39	89.45	88.42	89.49	90.23	91.41	91.75	94.38
16:39	MA14290-CCB5	85.11	88.77	88.4	90.03	90.3	90.96	91.44	94.78
16:49	MA14290-CCV6	84.38	89.26	88.77	89.76	89.41	91.2	91.36	94.73
16:59	MA14290-CCB6	85.89	89.6	88.53	89.74	89.82	90.06	90.41	93.51
17:08	ZZZZZZ	90.67	97.51	99.04	92.55	93.18	95.03	95.33	100.18
17:18	ZZZZZZ	93.73	94.97	94	95.22	95.71	96.51	96.75	102.02
17:28	ZZZZZZ	93.9	96.15	93.9	93.87	94.5	96.25	96.47	100.15
17:38	ZZZZZZ	93.64	95.31	93.28	94.02	94.68	95.73	96.14	99.43
17:48	ZZZZZZ	94.14	95.2	93.76	94.22	94.64	95.78	96.03	99.4
17:58	ZZZZZZ	95.41	96.32	93.85	93.64	94.26	95.57	95.81	98.49
18:07	ZZZZZZ	93.8	95.28	92.48	92.81	93.41	94.76	95.09	97.74
18:17	MA14290-CCV7	85.26	89.15	88.09	88.79	89.12	90.51	90.83	94.16
18:27	MA14290-CCB7	85.93	89.15	88.08	89.14	88.76	89.22	89.59	92.58
18:37	ZZZZZZ	92.83	93.65	92.04	92.24	92.56	93.89	93.99	97.84
18:47	ZZZZZZ	93.82	95.17	93.36	94.22	94.18	95.03	95.51	99.29
18:56	ZZZZZZ	94.61	96.01	93.89	94.45	94.87	95.48	95.88	99.57
19:06	ZZZZZZ	94.89	96.1	94.31	94.86	94.94	95.75	95.89	99.5
19:16	ZZZZZZ	94.7	95.91	94.14	95.06	95.35	95.78	96.06	99.7
19:26	N74914-1	96.09	96.94	94.53	94.74	95.11	95.42	95.67	98.98
19:46	MA14290-CCV8	85.87	88.78	88.47	89.66	90.13	90.88	91.2	94.82
19:55	MA14290-CCB8	87.07	89.62	88.7	90.53	90.12	90.14	90.33	94.31

R = Reference for ISTD limits. ! = Outside limits.

LEGEND:

Istd#	Parameter	Limits	CCV/CCB Limits
Istd#1	Lithium	30-120 %	80-120 %
Istd#2	Scandium	30-120 %	80-120 %
Istd#3	Yttrium	30-120 %	80-120 %
Istd#4	Rhodium	30-120 %	80-120 %
Istd#5	Indium	30-120 %	80-120 %
Istd#6	Terbium	30-120 %	80-120 %
Istd#7	Holmium	30-120 %	80-120 %
Istd#8	Bismuth	30-120 %	80-120 %

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LABORATORY REVIEW SIGNATURE FORM
(To be stored with the raw data)

File ID: X081604W1.CSV Date Analyzed: 08/16/04 Methods: SW846 6020
Analyst: ND Run ID: MA14290

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): [illegible] Date 8/18/04

ACCUTEST

ICP-MS Analytical Standards Information Log

Analytical Run ID: MA 14290

Standard Type	Standard ID
Calibration Standard A	MA - 010 - 252 - STDA
Calibration Standard B	MA - 010 - 253 - STDB
Calibration Standard C	MA - 010 - 254 - STDC
Calibration Standard D	MA - 010 - 255 - STDD
Calibration Standard E	MA - 010 - 256 - STDE
Calibration Standard F	MA - ____ - ____ - STDF
Calibration Standard G	MA - ____ - ____ - STDG
Internal Standard	MA - 010 - 257 - IS
Internal Standard	MA - ____ - ____ - IS
Initial Calibration Check Standard	MA - 011 - 024 - ICV
Initial Calibration Check Standard	MA - 011 - 025 - ICVA
Continuing Calibration Check Standard	MA - 013 - 053 - CCV
Continuing Calibration Check Standard	MA - 013 - 054 - CCVA
Interfering Element ICSA Standard	MA - 017 - 011 - ICSA
Interfering Element ICSAB Standard	MA - 017 - 012 - ICSAB
Low Check Standard	MA - 065 - 036 - CRI
Cross Calibration Standard	MA - 016 - 013 - CR
Tuning Standard	MA 015 - 017 - TUNE
Mass Calibration and Detector Plateau Standard	MA - ____ - ____ - DP

Form: AA-013A
Rev. Date: 03/07/03

8/16/04

Autotune report

Sequence name : Default Xi tune
Sequence version : 4/5/2004 9:35:06 AM
Acquired at : 8/16/2004 9:18:24 AM

Result : Passed

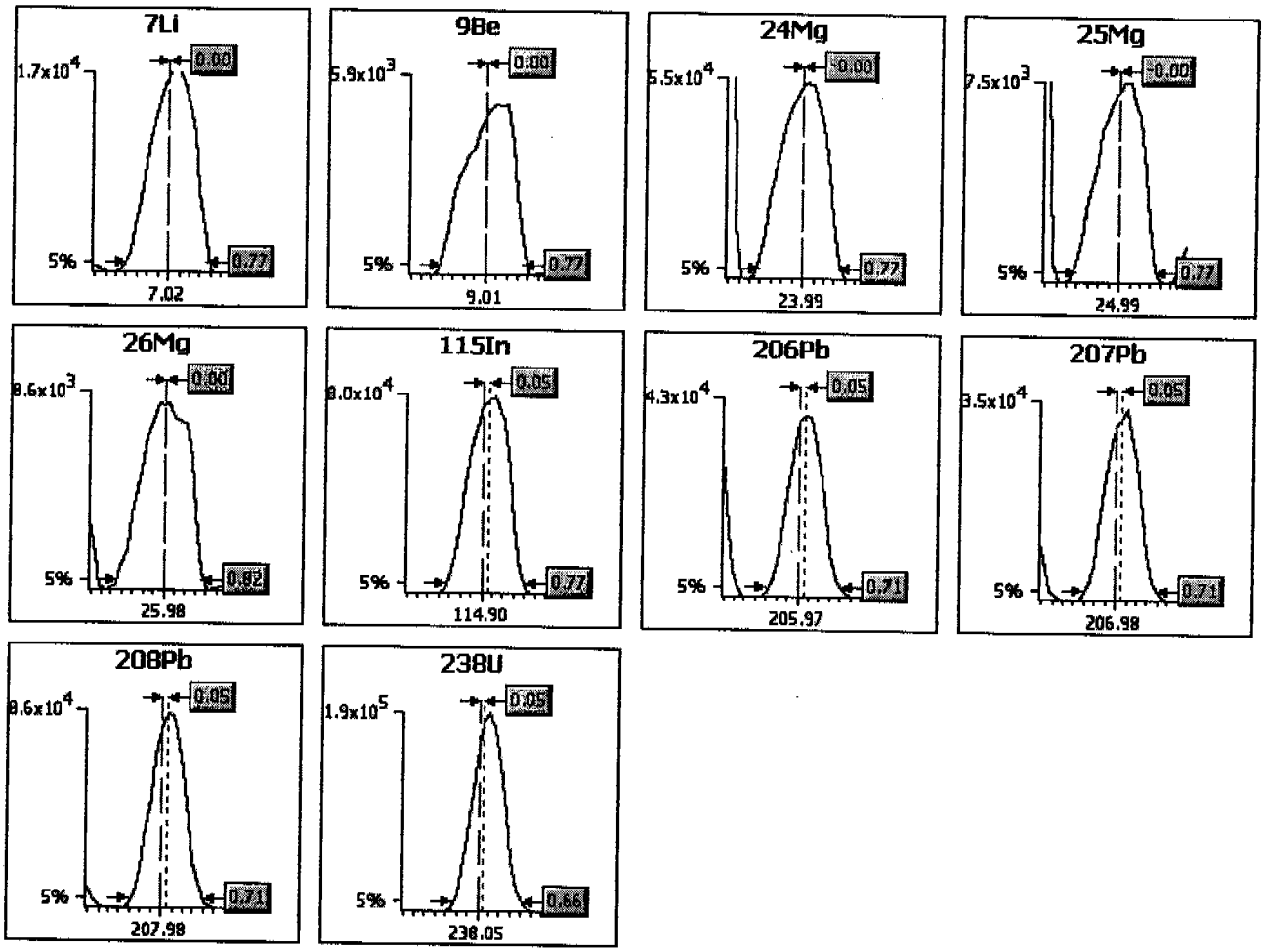
Stage	Analyte	Result
Stages	115In	70455.60
Lenses	115In	87648.76
Nebuliser	115In	84564.78
	156Ce O/140Ce	0.0145

Performance Report

Sample details
Acquired at : 08/16/2004 09:44:03 AM
Report name : IQ XI Interface [06/22/2004 11:06:20 AM]

Mass Calibration verification

Acquisition parameters
Sweeps : 10
Dwell : 1.0 mSecs
Point spacing : 0.05 amu
Peak width measured at 5% of the peak maximum



Analyte	Limits			Results	
	Max. width	Min. width	Max. error	Peak width	Peak error
7Li	0.85	0.65	0.11	0.77	0.00
9Be	0.85	0.65	0.10	0.77	0.00
24Mg	0.85	0.65	0.11	0.77	-0.00
25Mg	0.85	0.65	0.11	0.77	-0.00
26Mg	0.85	0.65	0.11	0.82	0.00
115In	0.85	0.65	0.11	0.77	0.05
206Pb	0.85	0.65	0.11	0.71	0.05
207Pb	0.85	0.65	0.11	0.71	0.05
208Pb	0.85	0.65	0.11	0.71	0.05
238U	0.85	0.65	0.11	0.66	0.05

Sample details
Acquired at : 08/16/2004 09:44:03 AM
Report name : IQ XI interface [06/22/2004 11:06:20 AM]

Tune conditions

Major	
Extraction	-145
Lens 1	2.9
Focus	23.1
D1	-32.9
Pole Bias	3.0
Hexapole Bias	-2.0
Nebuliser	0.88
Sampling Depth	130

Minor	
Lens 2	-26.7
Lens 3	-125.5
Forward power	1349
Horizontal	113
Vertical	542
D2	-160
DA	-80.0
Cool	13.0
Auxiliary	0.90

Global	
Standard resolution	105
High resolution	125
Analogue Detector	2196
PC Detector	3618

Sensitivity and stability results

Acquisition parameters
Sweeps : 130

Run	Time	5Bkg	7Li	9Be	24Mg	25Mg	26Mg	56Ar O	59Co	138Ba++
Dwell (mSecs)		100.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	30.0
Limits	%RSD	-	5.0%	5.0%	5.0%	5.0%	5.0%	-	-	-
	Countrate	-	>1000	>100	>1000	>1000	>1000	-	-	-
1	09:44:09 AM	0.231	16732.799	4917.934	55385.274	7840.615	9207.001	130167.68	59881.221	587.439
2	09:45:24 AM	0.231	16708.945	4898.701	55131.917	7598.270	9313.175	129082.56	59810.367	621.542
3	09:46:38 AM	0.385	16611.220	4856.390	54691.434	7650.585	9192.383	130459.21	60615.951	610.004
4	09:47:52 AM	0.154	16391.148	4677.142	53778.906	7545.185	8986.961	129577.69	59482.283	586.157
5	09:49:06 AM	0.308	16298.810	4648.678	53922.137	7564.418	8943.107	129963.30	59071.797	606.670
x		0.262	16548.585	4799.769	54581.934	7639.815	9128.526	129850.09	59772.324	602.363
σ		0.09	194.13	127.30	714.14	119.17	157.12	535.72	570.06	15.25
%RSD		33.535	1.173	2.652	1.308	1.560	1.721	0.413	0.954	2.532

Run	Time	101Bkg	115In	138Ba	140Ce	156Ce O	206Pb	207Pb	208Pb	220Bkg
Dwell (mSecs)		100.0	10.0	10.0	10.0	30.0	10.0	10.0	10.0	100.0
Limits	%RSD	-	5.0%	-	-	-	5.0%	5.0%	5.0%	-
	Countrate	-	>100	-	-	-	>100	>100	>100	<1
1	09:44:09 AM	0.077	85493.799	653.081	63449.464	909.239	41923.722	35238.567	88898.189	0.154
2	09:45:24 AM	0.154	88499.791	626.158	65566.808	932.316	43233.298	36222.347	90861.714	0.000
3	09:46:38 AM	0.154	88846.559	620.773	66394.823	930.009	44352.740	36425.571	92074.700	0.538
4	09:47:52 AM	0.154	89780.533	631.542	66156.815	958.214	44649.927	36771.978	92502.411	0.308
5	09:49:06 AM	0.231	89444.547	635.389	66202.260	917.188	44524.431	36831.253	93231.455	0.538
x		0.154	88413.046	633.389	65554.034	929.393	43736.824	36297.943	91513.694	0.308
σ		0.05	1706.71	12.32	1216.54	18.67	1159.13	642.92	1696.24	0.24
%RSD		35.355	1.930	1.944	1.856	2.009	2.650	1.771	1.854	77.055

Run	Time	238U
Dwell (mSecs)		10.0
Limits	%RSD	5.0%
	Countrate	>100
1	09:44:09 AM	187881.56
2	09:45:24 AM	198371.19
3	09:46:38 AM	202527.81
4	09:47:52 AM	205862.92
5	09:49:06 AM	206443.77
x		200217.45
σ		7608.53
%RSD		3.800

Ratio results

Run	Time	7Li/5Bkg	56Ar O/59Co	115In/101Bkg	156Ce O/140Ce	238U/220Bkg
Ratio limits		>20000.0000	-	>100000.0000	<0.0300	>100000.0000
1	09:44:09 AM	72508.797	2.174	1111419.4	0.014	1221230.2
2	09:45:24 AM	72405.429	2.158	575248.64	0.014	INF
		43189.173	2.152	577502.63	0.014	376123.07

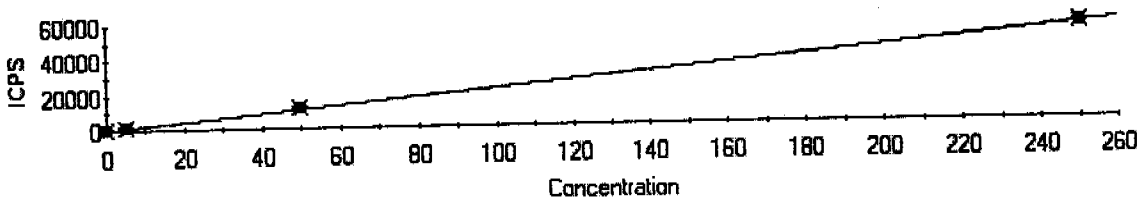
3	09:46:38 AM					
4	09:47:52 AM	106542.46	2.178	583573.46	0.014	669054.50
5	09:49:06 AM	52971.132	2.200	387593.04	0.014	383395.58
x		69523.398	2.1725	647067.43	0.0142	662450.83
σ		24264.68	0.02	272478.61	0.00	453653.57
%RSD		34.9015	0.8653	42.1098	1.7716	68.4811

Result : The performance report passed.

Sample List

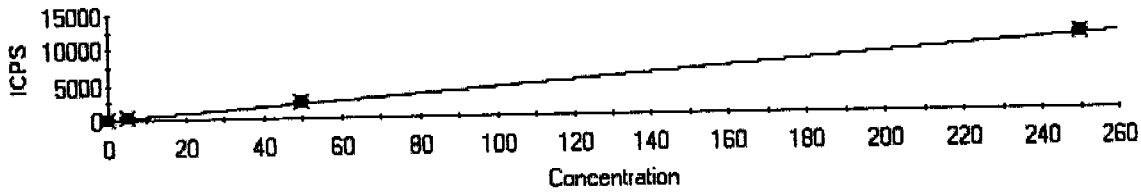
No	Label	Type	Weight	Rack	Row	Col	Height
1	std1 2	Fully Quant Standard	1.00	1	1	1	144
2	std2	Fully Quant Standard	1.00	1	1	2	144
3	std3	Fully Quant Standard	1.00	1	1	3	144
4	std4	Fully Quant Standard	1.00	1	1	4	144
5	std5	Fully Quant Standard	1.00	1	1	5	144
6	icv	Unknown	1.00	1	1	6	144
7	icb	Unknown	1.00	1	1	7	144
8	ccv	Unknown	1.00	0	1	1	144
9	ccb	Unknown	1.00	0	1	2	144
10	cri	Unknown	1.00	1	1	8	144
11	icsa	Unknown	1.00	1	1	11	144
12	icsab	Unknown	1.00	1	1	12	144
13	ccv	Unknown	1.00	0	1	1	144
14	ccb	Unknown	1.00	0	1	2	144
15	mp26767-mb1conf df2 df2	Unknown	2.00	1	2	1	144
16	mp26767-lc1conf df2	Unknown	2.00	1	2	2	144
17	mp26767-s1 df5	Unknown	5.00	1	2	3	144
18	mp26767-s2 df5	Unknown	5.00	1	2	4	144
19	mp26768-mb1 df2	Unknown	2.00	1	2	5	144
20	mp26768-lc1 df2	Unknown	2.00	1	2	6	144
21	n74646-12 df2	Unknown	2.00	1	2	9	144
22	mp26768-mb1 df2	Unknown	2.00	1	2	5	144
23	ccv	Unknown	1.00	0	1	1	144
24	ccb	Unknown	1.00	0	1	2	144
25	mp26768-s1 df5	Unknown	5.00	1	2	7	144
26	mp26768-s2 df5	Unknown	5.00	1	2	8	144
27	mp26768-sd1 df10	Unknown	1.00	1	2	10	144
28	n74646-13 df2	Unknown	2.00	1	2	11	144
29	n74646-12f df2	Unknown	2.00	1	2	12	144
30	n74646-13f df2	Unknown	2.00	1	3	1	144
31	mp26783-mb1 df2	Unknown	2.00	1	3	2	144
32	ccv	Unknown	1.00	0	1	1	144
33	ccb	Unknown	1.00	0	1	2	144
34	mp26783-lc1 df2	Unknown	2.00	1	3	3	144
35	mp26783-s1 df5	Unknown	5.00	1	3	4	144
36	mp26783-s2 df5	Unknown	5.00	1	3	5	144
37	mp26783-sd1 df10	Unknown	10.00	1	3	7	144
38	n74914-1 df2	Unknown	2.00	1	3	6	144
39	n74914-2 df2	Unknown	2.00	1	3	8	144
40	ccv	Unknown	1.00	0	1	1	144
41	ccb	Unknown	1.00	0	1	2	144
42	ccv	Unknown	1.00	0	1	1	144
43	ccb	Unknown	1.00	0	1	2	144
44	n74914-3 df2	Unknown	2.00	1	3	9	144
45	n74914-4 df2	Unknown	2.00	1	3	10	144
46	n74914-5 df2	Unknown	2.00	1	3	11	144
47	n74914-6 df2	Unknown	2.00	1	3	12	144
48	n74914-7 df2	Unknown	2.00	1	4	1	144
49	n74914-1f df2	Unknown	2.00	1	4	2	144
50	n74914-2f df2	Unknown	2.00	1	4	3	144
51	ccv	Unknown	1.00	0	1	1	144
52	ccb	Unknown	1.00	0	1	2	144
53	n74914-3f df2	Unknown	2.00	1	4	4	144
54	n74914-4f df2	Unknown	2.00	1	4	5	144
55	n74914-5f df2	Unknown	2.00	1	4	6	144
56	n74914-6f df2	Unknown	2.00	1	4	7	144
57	n74914-7f df2	Unknown	2.00	1	4	8	144
58	n74914-1 df2	Unknown	2.00	1	4	9	144
59	n74646-13 df2	Unknown	2.00	1	4	10	144
60	ccv	Unknown	1.00	0	1	1	144
61	ccb	Unknown	1.00	0	1	2	144

Fully Quant Calibration



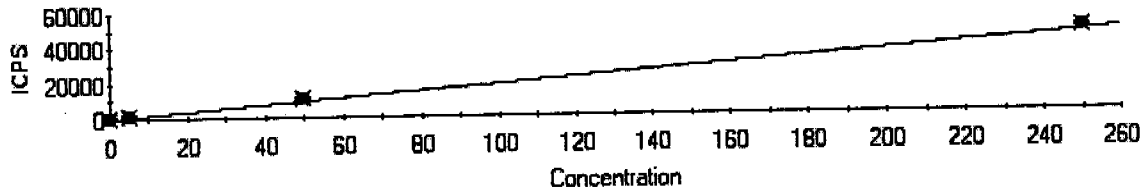
Intercept CPS=0.000000 Intercept Conc=0.000000
Sensitivity=217.761480 Correlation Coeff=0.999914

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	0.06	0.061	3.34	0.00
std2	5.00	3.00	2.006	53.02	40.02
std3	50.00	51.77	1.771	1274.10	3.55
std4	250.00	249.69	0.315	4371.88	0.13



Intercept CPS=108.067472 Intercept Conc=2.589313
Sensitivity=41.735965 Correlation Coeff=0.999941

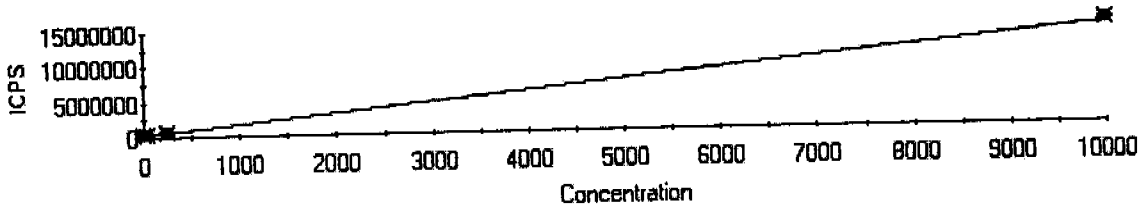
Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	0.41	0.411	25.01	0.00
std2	5.00	3.44	1.562	51.63	31.21
std3	50.00	52.08	2.082	281.80	4.17
std4	250.00	252.82	2.821	0659.67	1.13



Intercept CPS=527.449472 Intercept Conc=2.944875
Sensitivity=179.107565 Correlation Coeff=0.999944

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	0.22	0.225	66.65	0.00
std2	5.00	3.20	1.801	100.97	35.96
std3	50.00	53.40	3.401	0091.38	6.80
std4	250.00	261.19	11.19	47308.19	4.48

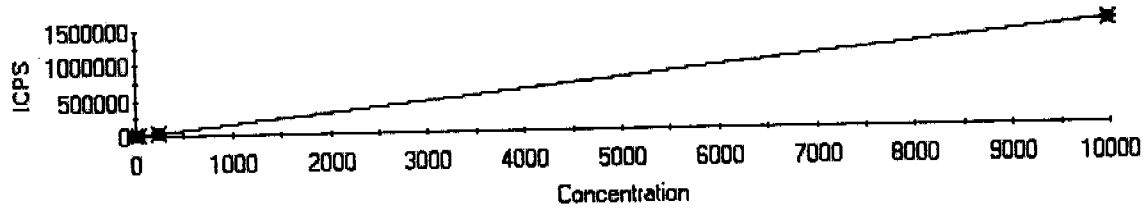
[redacted]



Intercept CPS=164009.155455 Intercept Conc=114.499721
Sensitivity=1432.397867 Correlation Coeff=1.000000

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	-0.83	0.83	162823.24	0.00
std2	5.00	2.51	2.49	167608.35	49.75
std3	50.00	50.09	0.09	235753.01	0.17
std4	250.00	248.39	1.61	519795.58	0.65
std5	10000.00	10097.05	97.05	14626995.10	0.97

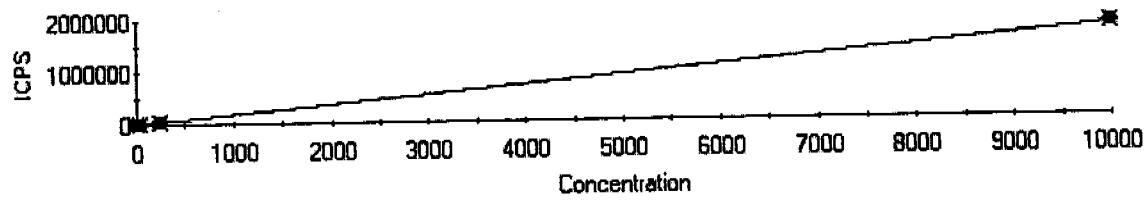
[redacted]



Intercept CPS=889.628219 Intercept Conc=5.989718
Sensitivity=148.525888 Correlation Coeff=0.999997

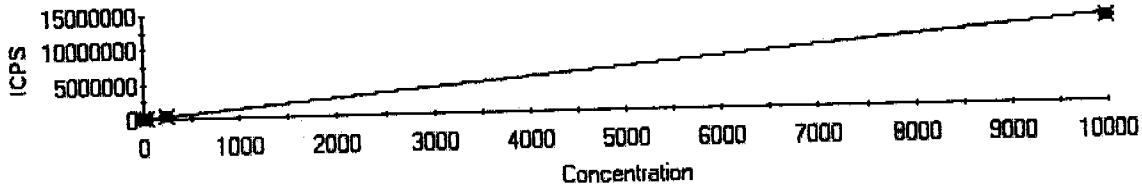
Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	-1.62	1.626	49.63	0.00
std2	5.00	30.01	25.01	5346.37	500.13
std3	50.00	50.50	0.508	390.63	1.01
std4	250.00	246.36	3.643	7481.07	1.45
std5	10000.00	9927.63	72.37	1475400.18	0.72

[redacted]



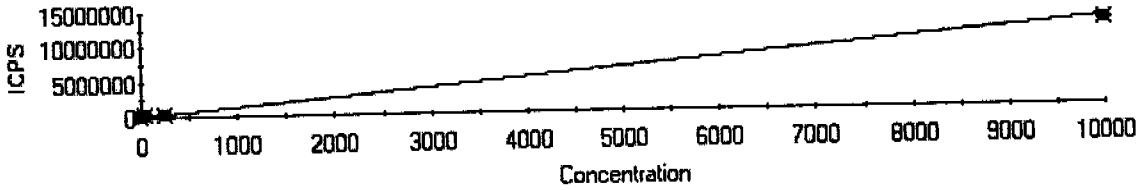
Intercept CPS=1435.258592 Intercept Conc=8.145234
Sensitivity=176.208383 Correlation Coeff=0.999997

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	-3.62	3.627	97.26	0.00
std2	5.00	27.86	22.86	6344.06	457.16
std3	50.00	48.48	1.529	977.96	3.04
std4	250.00	247.88	2.124	5114.06	0.85
std5	10000.00	9975.67	24.33	1759231.34	0.24



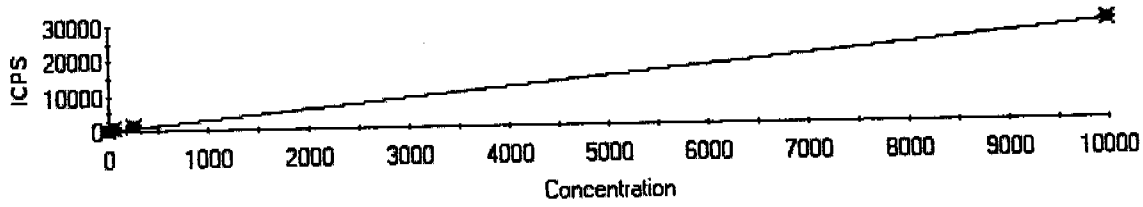
Intercept CPS=1145.250077 Intercept Conc=0.903163
Sensitivity=1268.043393 Correlation Coeff=1.000000

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	1.33	1.33	2829.98	0.00
std2	5.00	4.98	0.02	7459.02	0.42
std3	50.00	53.06	3.06	68432.42	6.13
std4	250.00	248.66	1.34	316454.42	0.54
std5	10000.00	9590.81	409.19	12162708.56	4.09



Intercept CPS=112043.929875 Intercept Conc=89.339609
Sensitivity=1254.134992 Correlation Coeff=1.000000

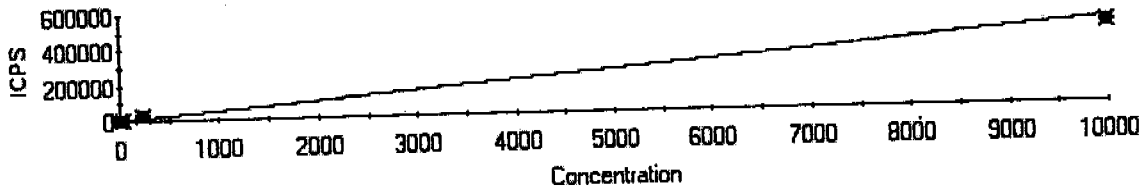
Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	-0.40	0.40	111543.55	0.00
std2	5.00	2.58	2.42	115283.56	48.34
std3	50.00	50.75	0.75	175689.76	1.50
std4	250.00	249.71	0.29	425217.56	0.11
std5	10000.00	9646.26	353.74	12209761.33	3.54



Intercept CPS=48.976024 Intercept Conc=17.273192
Sensitivity=2.835378 Correlation Coeff=0.999848

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	-0.69	0.69	47.01	0.00
std2	5.00	1.76	3.24	53.97	64.77
std3	50.00	88.01	38.01	298.53	76.03
std4	250.00	433.23	183.23	1277.36	73.29
std5	10000.00	9988.23	11.77	28369.38	0.12

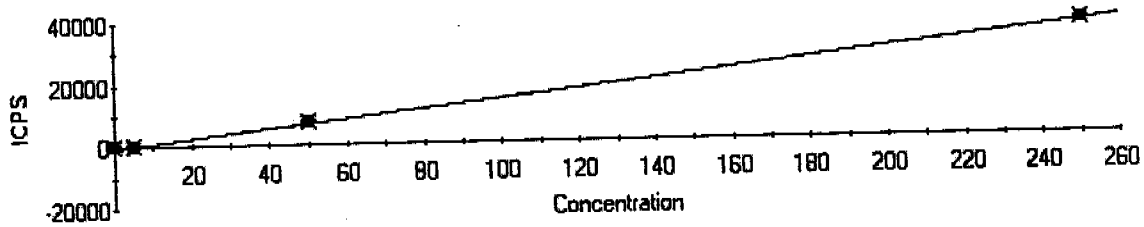
[redacted]



Intercept CPS=2787.977335 Intercept Conc=57.735754
Sensitivity=48.288576 Correlation Coeff=0.999941

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	-11.06	11.06	2253.89	0.00
std2	5.00	-11.49	16.49	2233.26	329.75
std3	50.00	53.06	3.06	5350.05	6.12
std4	250.00	329.73	79.73	18709.99	31.89
std5	10000.00	9374.26	625.74	455457.58	6.26

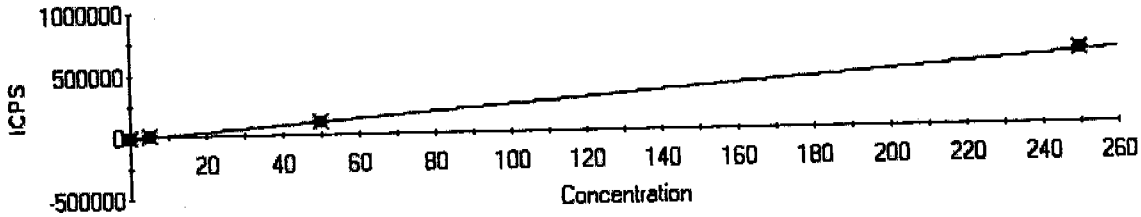
[redacted]



Intercept CPS=-139.012401 Intercept Conc=-0.952422
Sensitivity=145.956702 Correlation Coeff=0.999952

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	1.12	1.122	4.36	0.00
std2	5.00	4.05	0.954	52.36	18.97
std3	50.00	51.93	1.937	440.07	3.85
std4	250.00	251.33	1.333	6544.79	0.53

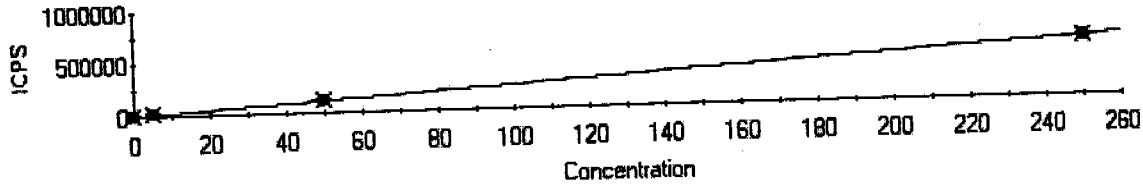
[redacted]



Intercept CPS=-11962.584299 Intercept Conc=-4.996407
Sensitivity=2394.237492 Correlation Coeff=0.999925

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	2.14	2.14-	6827.79	0.00
std2	5.00	4.31	0.69-	1646.83	13.83
std3	50.00	49.42	0.581	06370.62	1.15
std4	250.00	253.01	3.015	93814.08	1.21

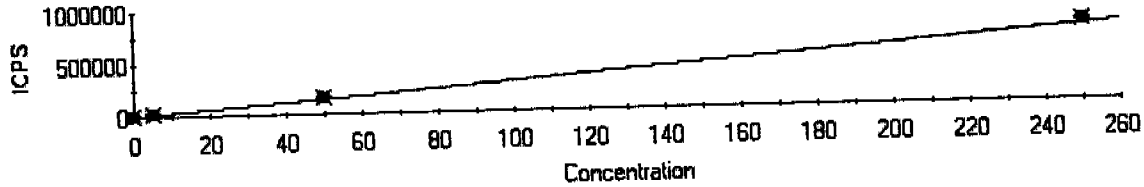
[redacted]



Intercept CPS=332.367455 Intercept Conc=0.143119
Sensitivity=2322.318378 Correlation Coeff=0.999946

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	1.18	1.183	082.38	0.00
std2	5.00	4.84	0.161	1564.70	3.27
std3	50.00	50.38	0.381	17331.33	0.76
std4	250.00	238.46	11.54	554118.74	4.61

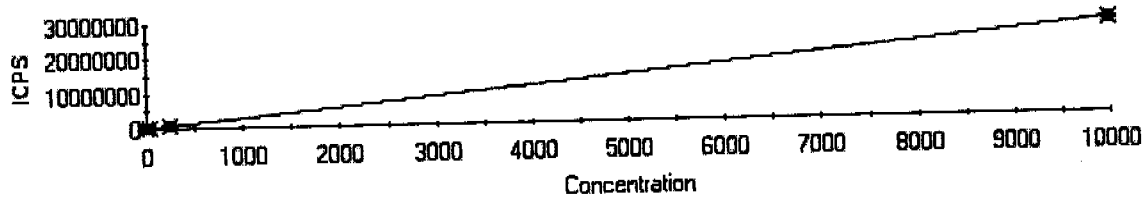
[redacted]



Intercept CPS=467.259554 Intercept Conc=0.163647
Sensitivity=2855.284531 Correlation Coeff=0.999921

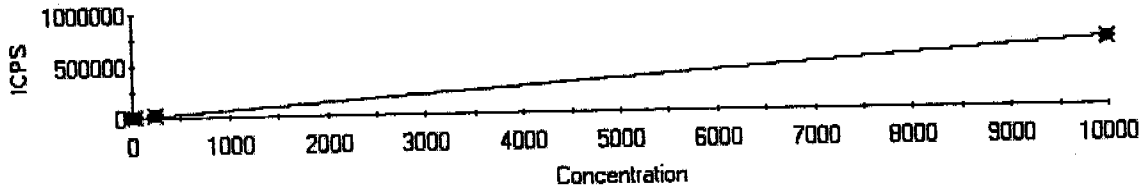
Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	0.05	0.056	18.73	0.00
std2	5.00	3.53	1.471	0538.27	29.46
std3	50.00	54.86	4.861	57122.22	9.73
std4	250.00	263.75	13.75	753549.05	5.50

[redacted]



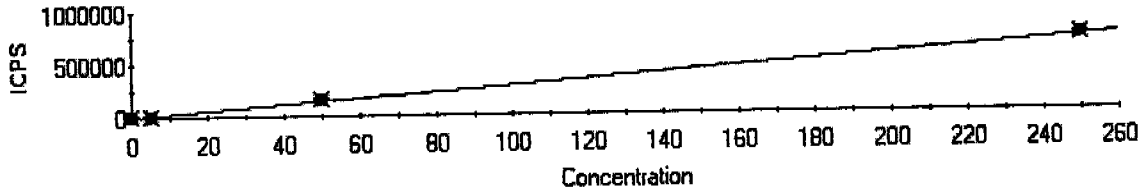
Intercept CPS=118241.606087 Intercept Conc=43.726305
Sensitivity=2704.129843 Correlation Coeff=1.000000

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	-1.97	1.97	112919.59	0.00
std2	5.00	6.38	1.38	135503.63	27.67
std3	50.00	51.42	1.42	257285.44	2.84
std4	250.00	248.40	1.60	789948.88	0.64
std5	10000.00	9784.46	215.54	26576700.20	2.16



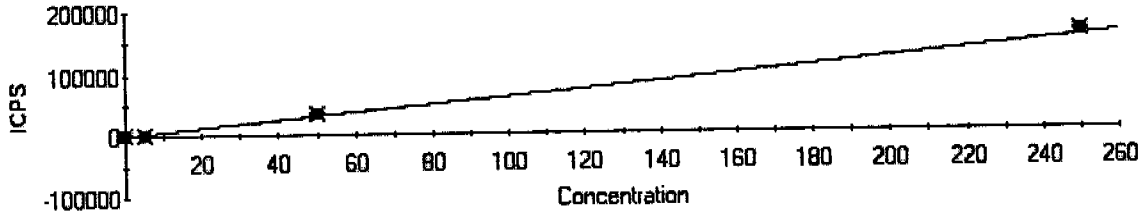
Intercept CPS=1451.642069 Intercept Conc=22.113437
Sensitivity=65.645249 Correlation Coeff=0.999999

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	-1.97	1.97	1322.21	0.00
std2	5.00	4.94	0.06	1775.65	1.29
std3	50.00	51.51	1.51	4832.97	3.02
std4	250.00	253.71	3.71	18106.43	1.48
std5	10000.00	9741.73	258.27	640949.67	2.58



Intercept CPS=55.913973 Intercept Conc=0.020118
Sensitivity=2779.296412 Correlation Coeff=0.999902

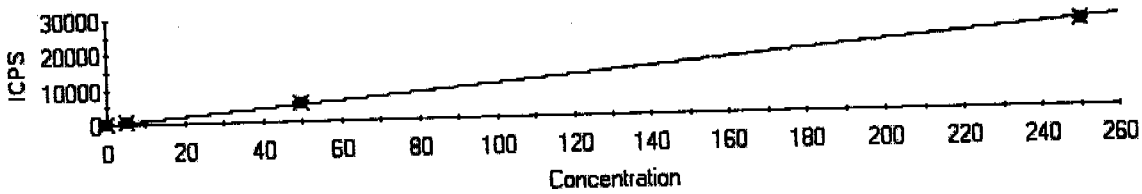
Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	0.00	0.006	1.46	0.00
std2	5.00	2.95	2.058	245.42	41.07
std3	50.00	52.73	2.731	46599.07	5.45
std4	250.00	253.40	3.407	04333.42	1.36



Intercept CPS=-266.288838 Intercept Conc=-0.435039
Sensitivity=612.103845 Correlation Coeff=0.999924

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	0.84	0.842	49.93	0.00
std2	5.00	4.05	0.952	212.54	19.01
std3	50.00	54.03	4.033	2806.57	8.06
std4	250.00	257.83	7.831	57550.59	3.13

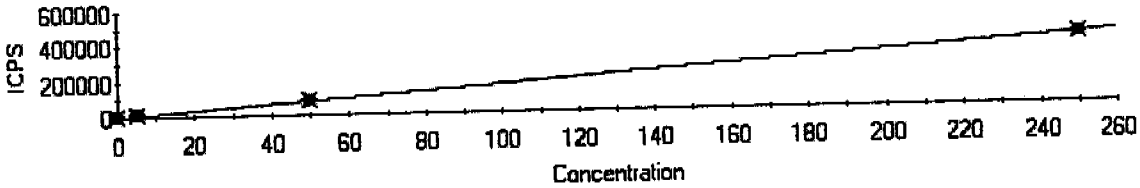
[redacted]



Intercept CPS=54.546489 Intercept Conc=0.553517
Sensitivity=98.545236 Correlation Coeff=0.999918

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	0.01	0.015	5.66	0.00
std2	5.00	2.85	2.153	35.09	43.06
std3	50.00	50.18	0.184	999.06	0.35
std4	250.00	242.60	7.402	3961.66	2.96

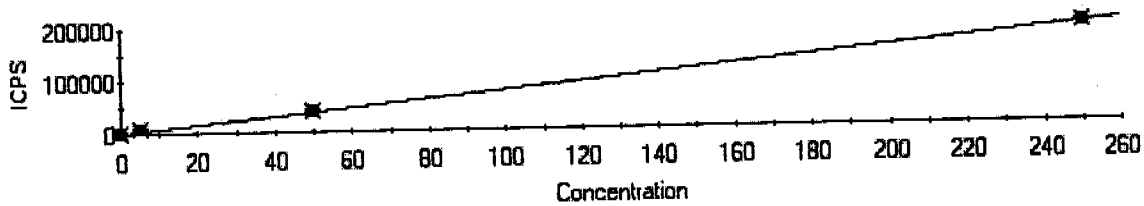
[redacted]



Intercept CPS=1038.902656 Intercept Conc=0.659388
Sensitivity=1575.556736 Correlation Coeff=0.999863

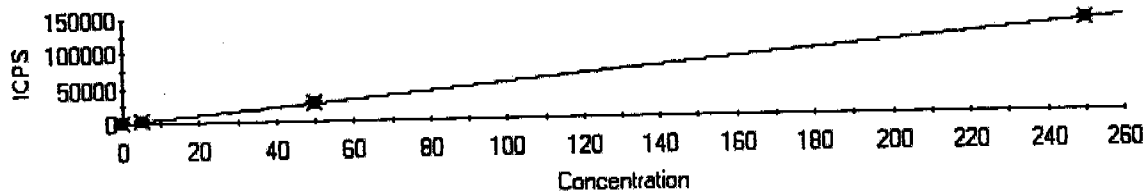
Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	-0.41	0.413	86.42	0.00
std2	5.00	8.90	3.901	5059.74	77.98
std3	50.00	51.57	1.578	2297.30	3.15
std4	250.00	245.09	4.913	87189.71	1.96

[redacted]



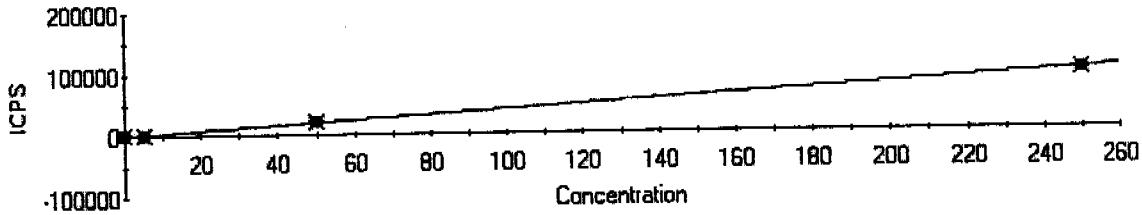
Intercept CPS=206.789017 Intercept Conc=0.273460
Sensitivity=756.194989 Correlation Coeff=0.999881

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	-0.04	0.041	80.25	0.00
std2	5.00	9.22	4.227	177.15	84.35
std3	50.00	52.50	2.503	9905.93	5.00
std4	250.00	249.78	0.221	89086.70	0.09



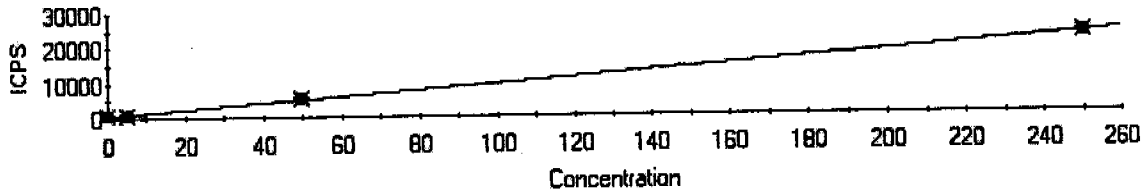
Intercept CPS=426.339066 Intercept Conc=0.811943
Sensitivity=525.085257 Correlation Coeff=0.999966

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	0.59	0.597	37.27	0.00
std2	5.00	4.23	0.772	647.65	15.39
std3	50.00	51.12	1.122	7269.20	2.24
std4	250.00	247.73	2.271	30505.76	0.91



Intercept CPS=-172.108357 Intercept Conc=-0.438407
Sensitivity=392.576574 Correlation Coeff=0.999935

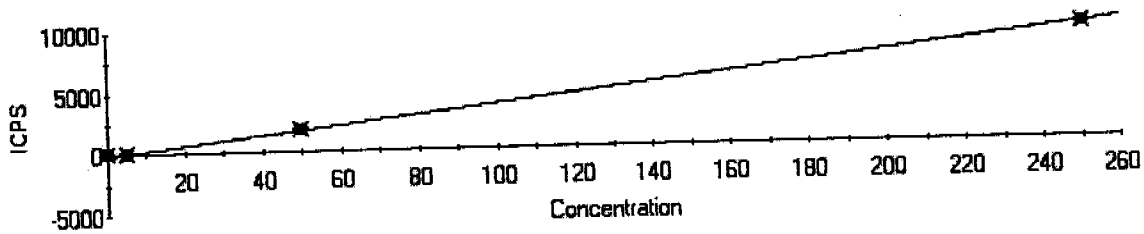
Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	0.63	0.637	6.94	0.00
std2	5.00	3.28	1.721	113.60	34.50
std3	50.00	50.77	0.771	9760.81	1.55
std4	250.00	246.47	3.539	6587.76	1.41



Intercept CPS=443.650773 Intercept Conc=4.974738
Sensitivity=89.180730 Correlation Coeff=0.999929

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	0.36	0.364	75.92	0.00
std2	5.00	3.08	1.927	18.41	38.38
std3	50.00	51.50	1.505	036.18	2.99
std4	250.00	249.94	0.062	2733.22	0.03

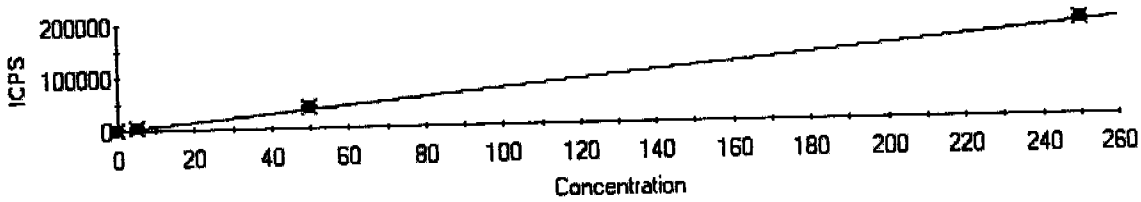
[redacted]



Intercept CPS=-35.779448 Intercept Conc=-0.949185
Sensitivity=37.694907 Correlation Coeff=0.999958

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	1.10	1.105	.57	0.00
std2	5.00	3.98	1.021	14.22	20.41
std3	50.00	51.31	1.311	898.28	2.62
std4	250.00	249.69	0.319	376.31	0.12

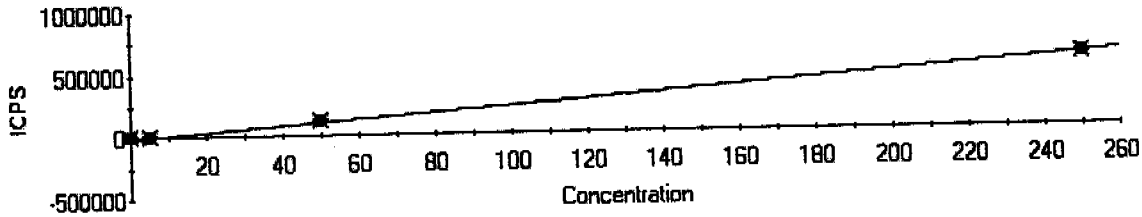
[redacted]



Intercept CPS=2.397104 Intercept Conc=0.003344
Sensitivity=716.840177 Correlation Coeff=0.999946

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	0.03	0.032	4.91	0.00
std2	5.00	2.89	2.112	071.54	42.27
std3	50.00	51.71	1.713	7067.39	3.41
std4	250.00	254.35	4.351	82328.78	1.74

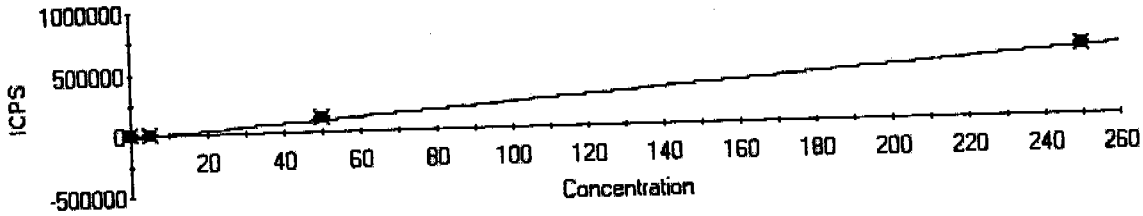
[redacted]



Intercept CPS=-4866.460184 Intercept Conc=-2.080490
Sensitivity=2339.092862 Correlation Coeff=0.999898

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	3.69	3.693	771.22	0.00
std2	5.00	4.60	0.405	891.42	8.02
std3	50.00	51.56	1.561	15727.13	3.11
std4	250.00	248.75	1.255	76982.33	0.50

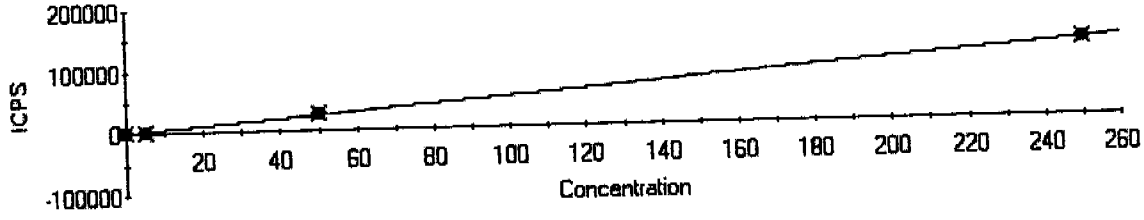
[redacted]



Intercept CPS=-3749.421419 Intercept Conc=-1.702585
Sensitivity=2202.193773 Correlation Coeff=0.999901

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	3.33	3.333	586.03	0.00
std2	5.00	4.29	0.715	695.53	14.22
std3	50.00	52.50	2.501	11861.16	5.00
std4	250.00	256.41	6.415	60922.38	2.57

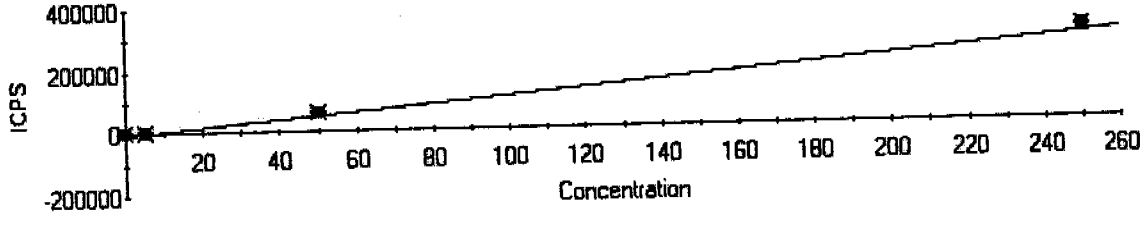
[redacted]



Intercept CPS=-496.695623 Intercept Conc=-0.974235
Sensitivity=509.831629 Correlation Coeff=0.999914

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	0.02	0.02-	484.92	0.00
std2	5.00	2.89	2.119	75.35	42.25
std3	50.00	51.51	1.512	5765.01	3.02
std4	250.00	248.81	1.191	26354.13	0.48

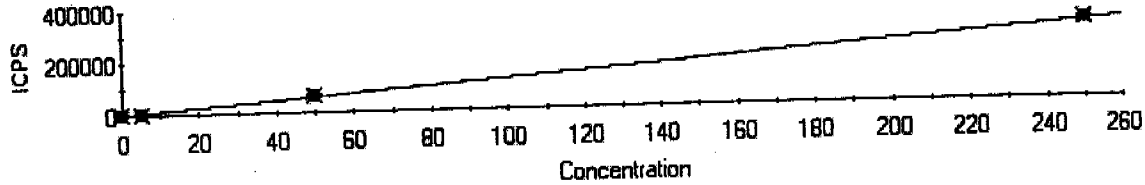
[redacted]



Intercept CPS=-1356.273026 Intercept Conc=-1.208304
Sensitivity=1122.460531 Correlation Coeff=0.999922

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	0.51	0.51-	784.90	0.00
std2	5.00	3.55	1.452	630.98	28.96
std3	50.00	55.22	5.226	0624.47	10.44
std4	250.00	265.88	15.88	297080.14	6.35

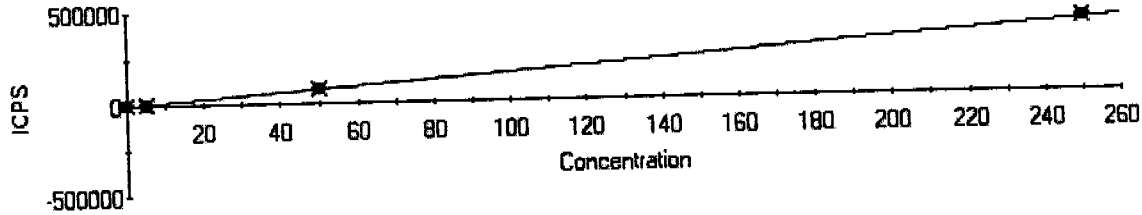
[redacted]



Intercept CPS=45.151252 Intercept Conc=0.038426
Sensitivity=1175.007567 Correlation Coeff=0.999957

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	0.04	0.049	6.21	0.00
std2	5.00	3.11	1.893	704.08	37.72
std3	50.00	51.77	1.776	0870.98	3.53
std4	250.00	255.33	5.333	00060.83	2.13

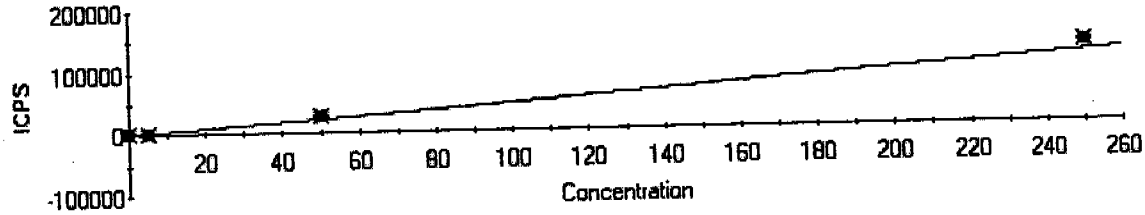
[redacted]



Intercept CPS=-1393.071899 Intercept Conc=-0.889667
Sensitivity=1565.835380 Correlation Coeff=0.999933

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	1.15	1.154	13.51	0.00
std2	5.00	3.98	1.024	846.28	20.31
std3	50.00	52.24	2.248	0404.28	4.48
std4	250.00	250.45	0.453	90774.87	0.18

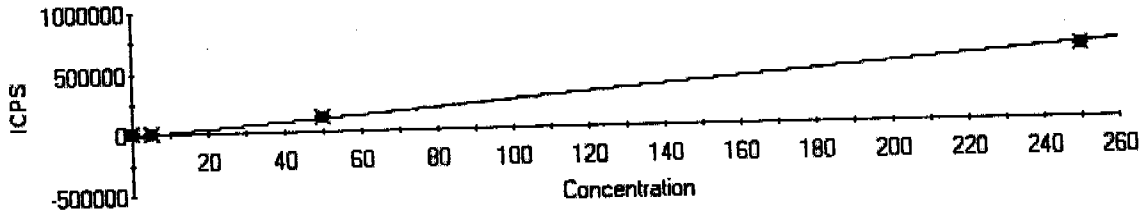
[redacted]



Intercept CPS=-350.290072 Intercept Conc=-0.772387
Sensitivity=453.516224 Correlation Coeff=0.999914

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	0.83	0.832	8.14	0.00
std2	5.00	4.11	0.891	514.32	17.77
std3	50.00	58.76	8.762	6297.63	17.52
std4	250.00	280.41	30.41	126820.12	12.16

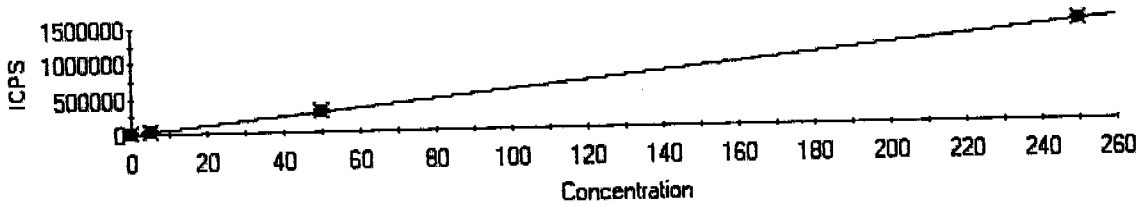
[redacted]



Intercept CPS=-4783.610658 Intercept Conc=-1.930922
Sensitivity=2477.370868 Correlation Coeff=0.999869

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	2.75	2.752	021.25	0.00
std2	5.00	4.99	0.017	586.42	0.14
std3	50.00	52.28	2.281	24740.90	4.57
std4	250.00	240.26	9.745	90440.02	3.89

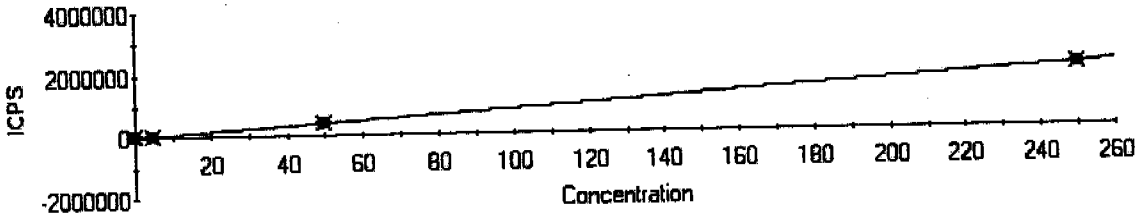
[redacted]



Intercept CPS=0.000000 Intercept Conc=0.000000
Sensitivity=5665.236902 Correlation Coeff=0.999845

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	0.86	0.86	4850.64	0.00
std2	5.00	3.24	1.76	18348.11	35.23
std3	50.00	53.12	3.12	300942.00	6.24
std4	250.00	249.41	0.59	1412972.76	0.24

[redacted]



Intercept CPS=-171.799454 Intercept Conc=-0.021370
Sensitivity=8039.294133 Correlation Coeff=0.999852

Label	Defined	Measured	Error	Mean CPS	% Error
std1 2	0.00	0.07	0.07	377.93	0.00
std2	5.00	3.02	1.98	24110.66	39.59
std3	50.00	52.38	2.38	420907.27	4.76
std4	250.00	247.04	2.96	1985881.79	1.18

Dilution Corrected Concentrations

std1 2 08/16/2004 10:07:50 AM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:09:35	100.038%	0.078	0.477	0.265	0.000	-0.268	-1.457	-3.678	1.372	0.000
2	10:11:21	99.706%	0.060	0.511	0.135	0.000	-0.794	-1.808	-3.777	1.343	0.000
3	10:13:06	100.255%	0.046	0.230	0.256	0.000	-1.422	-1.582	-3.407	1.271	0.000
x		100.000%	0.061	0.406	0.219	0.000	-0.828	-1.616	-3.621	1.329	0.000
σ		0.277%	0.016	0.153	0.072	0.000	0.577	0.178	0.192	0.052	0.000
%RSD		0.277	26.400	37.750	33.100	0.000	69.730	10.990	5.291	3.912	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:09:35	-0.806	2.494	-9.522	99.906%	1.247	2.744	1.239	3486.000	0.067	-2.095
2	10:11:21	0.215	-1.341	-10.810	99.609%	1.083	1.869	1.152	3473.000	0.040	-1.873
3	10:13:06	-0.605	-3.232	-12.850	100.485%	1.027	1.821	1.162	3424.000	0.052	-1.936
x		-0.399	-0.693	-11.060	100.000%	1.119	2.145	1.184	3461.000	0.053	-1.968
σ		0.541	2.918	1.676	0.446%	0.114	0.520	0.048	32.520	0.014	0.114
%RSD		135.500	421.200	15.150	0.446	10.220	24.230	4.021	0.940	25.690	5.798

Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:09:35	-1.143	0.003	0.872	-0.002	-0.385	-0.030	0.779	0.527	0.130	1.342
2	10:11:21	-2.172	0.003	0.808	0.005	-0.447	-0.053	0.456	0.414	0.640	0.816
3	10:13:06	-2.600	0.001	0.850	0.031	-0.410	-0.023	0.542	0.962	0.316	1.132
x		-1.972	0.002	0.843	0.011	-0.414	-0.035	0.592	0.634	0.362	1.097
σ		0.749	0.001	0.033	0.017	0.031	0.016	0.167	0.290	0.258	0.265
%RSD		37.990	63.180	3.874	154.000	7.547	44.610	28.240	45.650	71.290	24.150

Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:09:35	98.504%	0.022	96.323%	3.779	1.078	3.395	-0.004	0.482	95.483%	0.052
2	10:11:21	100.479%	0.030	101.306%	3.718	1.034	3.358	0.032	0.517	101.275%	0.036
3	10:13:06	101.017%	0.042	102.371%	3.582	1.021	3.241	0.041	0.528	103.242%	0.042
x		100.000%	0.031	100.000%	3.693	1.045	3.331	0.023	0.509	100.000%	0.043
σ		1.323%	0.010	3.229%	0.101	0.030	0.080	0.024	0.024	4.034%	0.008
%RSD		1.323	31.450	3.229	2.730	2.872	2.413	101.900	4.753	4.034	18.780

Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:09:35	1.178	0.853	97.008%	96.731%	2.944	1.034	0.076	96.701%	0.000	0.000
2	10:11:21	1.177	0.818	100.784%	101.239%	2.716	0.853	0.064	100.541%	0.000	0.000
3	10:13:06	1.106	0.833	102.208%	102.029%	2.580	0.682	0.065	102.759%	0.000	0.000
x		1.154	0.834	100.000%	100.000%	2.747	0.856	0.068	100.000%	0.000	0.000
σ		0.041	0.017	2.688%	2.858%	0.184	0.176	0.007	3.065%	0.000	0.000
%RSD		3.596	2.069	2.688	2.858	6.708	20.540	10.280	3.065	0.000	0.000

std2 08/16/2004 10:15:17 AM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:17:03	100.377%	3.047	3.115	3.039	0.000	3.175	30.800	27.910	4.973	0.000
2	10:18:48	100.406%	3.037	3.543	3.427	0.000	2.939	29.460	28.300	4.982	0.000
3	10:20:33	102.081%	2.913	3.661	3.140	0.000	1.424	29.760	27.370	4.983	0.000
x		100.955%	2.999	3.440	3.202	0.000	2.513	30.010	27.860	4.979	0.000
σ		0.976%	0.075	0.287	0.201	0.000	0.950	0.702	0.466	0.005	0.000
%RSD		0.966	2.487	8.349	6.291	0.000	37.820	2.338	1.671	0.108	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:17:03	3.204	3.085	-8.560	100.484%	3.934	4.002	4.852	3499.000	3.447	6.264
2	10:18:48	2.647	0.987	-12.560	100.439%	4.096	4.313	4.822	3473.000	3.566	6.443
3	10:20:33	1.898	1.213	-13.340	101.065%	4.125	4.611	4.836	3434.000	3.569	6.443
x		2.583	1.762	-11.490	100.663%	4.052	4.309	4.837	3469.000	3.527	6.384
σ		0.656	1.152	2.565	0.349%	0.103	0.304	0.015	32.970	0.070	0.103
%RSD		25.380	65.390	22.330	0.347	2.538	7.063	0.308	0.950	1.974	1.618

Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:17:03	4.724	2.941	4.030	2.798	8.799	9.051	4.359	3.605	3.647	4.041

2	10:18:48	5.165	2.988	4.030	3.087	8.908	9.198	4.285	3.389	3.033	4.157
3	10:20:33	4.919	2.911	4.089	2.655	8.990	9.404	4.047	2.831	2.562	3.740
x		4.936	2.947	4.050	2.847	8.899	9.218	4.230	3.275	3.081	3.979
σ		0.221	0.039	0.034	0.220	0.096	0.177	0.163	0.400	0.544	0.215
%RSD		4.474	1.325	0.840	7.715	1.077	1.923	3.851	12.210	17.660	5.401
Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:17:03	98.990%	2.922	98.644%	4.583	1.063	4.306	2.660	3.544	98.263%	3.057
2	10:18:48	100.953%	2.798	102.001%	4.635	0.970	4.313	3.076	3.595	102.885%	3.160
3	10:20:33	101.400%	2.939	103.095%	4.580	1.049	4.248	2.926	3.518	105.524%	3.125
x		100.447%	2.886	101.247%	4.599	1.028	4.289	2.887	3.552	102.224%	3.114
σ		1.282%	0.077	2.319%	0.031	0.050	0.036	0.210	0.039	3.675%	0.052
%RSD		1.276	2.678	2.291	0.676	4.873	0.838	7.283	1.101	3.595	1.673
Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:17:03	3.941	4.131	98.197%	98.680%	4.986	3.231	3.061	98.447%	0.000	0.000
2	10:18:48	4.011	4.097	101.298%	101.728%	5.002	3.260	3.009	101.724%	0.000	0.000
3	10:20:33	4.003	4.107	102.407%	102.338%	4.992	3.225	2.992	102.752%	0.000	0.000
x		3.985	4.111	100.634%	100.915%	4.993	3.239	3.020	100.975%	0.000	0.000
σ		0.038	0.017	2.182%	1.960%	0.008	0.019	0.036	2.248%	0.000	0.000
%RSD		0.958	0.423	2.169	1.942	0.166	0.580	1.186	2.226	0.000	0.000

std3 08/16/2004 10:22:45 AM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:24:31	102.088%	51.400	50.940	51.950	0.000	50.150	49.900	48.280	53.020	0.000
2	10:26:16	101.543%	52.090	53.240	54.000	0.000	49.960	50.270	48.120	53.190	0.000
3	10:28:01	99.943%	51.830	52.060	54.250	0.000	50.150	51.330	49.050	52.990	0.000
x		101.191%	51.770	52.080	53.400	0.000	50.090	50.500	48.480	53.060	0.000
σ		1.115%	0.351	1.152	1.263	0.000	0.106	0.743	0.497	0.108	0.000
%RSD		1.102	0.678	2.212	2.365	0.000	0.212	1.471	1.026	0.203	0.000
Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:24:31	50.640	80.950	53.830	100.077%	51.050	49.070	50.340	3516.000	54.500	51.390
2	10:26:16	51.110	98.160	53.310	99.826%	52.620	48.800	50.420	3527.000	55.520	51.660
3	10:28:01	50.490	84.940	52.030	100.076%	52.110	50.400	50.370	3498.000	54.580	51.200
x		50.750	88.010	53.060	99.993%	51.930	49.420	50.380	3514.000	54.860	51.420
σ		0.321	9.006	0.927	0.145%	0.797	0.857	0.039	14.590	0.568	0.233
%RSD		0.633	10.230	1.747	0.145	1.535	1.735	0.078	0.415	1.036	0.453
Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:24:31	52.210	52.850	54.000	50.010	51.320	52.570	50.750	51.070	52.810	51.060
2	10:26:16	50.870	52.520	54.510	50.270	51.360	52.050	51.160	50.250	50.720	51.070
3	10:28:01	51.450	52.810	53.580	50.240	52.040	52.870	51.450	51.000	50.970	51.790
x		51.510	52.730	54.030	50.180	51.570	52.500	51.120	50.770	51.500	51.310
σ		0.669	0.182	0.467	0.147	0.407	0.414	0.352	0.453	1.144	0.417
%RSD		1.299	0.345	0.864	0.293	0.789	0.789	0.689	0.893	2.222	0.812
Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:24:31	98.942%	51.980	98.673%	51.480	1.170	52.230	51.430	54.920	99.367%	51.690
2	10:26:16	100.402%	51.560	101.646%	51.750	1.192	52.810	52.030	55.440	103.828%	52.020
3	10:28:01	100.415%	51.590	102.134%	51.440	1.355	52.450	51.070	55.300	105.686%	51.600
x		99.920%	51.710	100.818%	51.560	1.239	52.500	51.510	55.220	102.961%	51.770
σ		0.847%	0.234	1.874%	0.170	0.101	0.289	0.484	0.269	3.248%	0.221
%RSD		0.847	0.453	1.858	0.330	8.175	0.550	0.940	0.487	3.154	0.427
Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:24:31	52.080	58.520	98.693%	99.239%	51.920	52.980	52.320	99.348%	0.000	0.000
2	10:26:16	52.680	58.680	101.475%	101.838%	52.590	53.240	52.520	102.504%	0.000	0.000
3	10:28:01	51.950	59.080	102.376%	102.301%	52.350	53.150	52.290	103.700%	0.000	0.000
x		52.240	58.760	100.848%	101.126%	52.280	53.120	52.380	101.851%	0.000	0.000

σ	0.387	0.286	1.920%	1.650%	0.341	0.134	0.122	2.248%	0.000	0.000
%RSD	0.740	0.487	1.904	1.632	0.651	0.252	0.233	2.207	0.000	0.000

std4 08/16/2004 10:30:14 AM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:31:59	97.851%	M 251.000	246.500	M 256.000	0.000	248.200	243.300	246.700	248.800	0.000
2	10:33:45	97.874%	248.000	M 252.300	M 261.800	0.000	247.700	246.900	249.900	248.700	0.000
3	10:35:30	96.209%	M 250.000	M 259.700	M 265.800	0.000	249.300	248.800	247.000	248.400	0.000
x		97.311%	M 249.700	M 252.800	M 261.200	0.000	248.400	246.400	247.900	248.700	0.000
σ		0.955%	M 1.522	M 6.601	M 4.931	0.000	0.815	2.804	1.760	0.194	0.000
%RSD		0.981	M 0.610	M 2.611	M 1.888	0.000	0.328	1.138	0.710	0.078	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:31:59	248.700	430.000	325.600	97.930%	M 250.900	249.400	237.800	5109.000	M 261.300	248.000
2	10:33:45	249.500	425.900	335.500	96.709%	M 252.500	M 255.300	238.700	5240.000	M 265.000	249.100
3	10:35:30	250.900	443.700	328.000	95.922%	M 250.600	M 254.300	238.900	5349.000	M 265.000	248.100
x		249.700	433.200	329.700	96.854%	M 251.300	M 253.000	238.500	5233.000	M 263.800	248.400
σ		1.092	9.324	5.175	1.012%	M 1.060	M 3.139	0.577	120.100	M 2.119	0.591
%RSD		0.437	2.152	1.569	1.045	M 0.422	M 1.241	0.242	2.295	M 0.803	0.238

Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:31:59	253.200	M 252.800	M 258.100	239.900	244.600	250.000	246.200	245.400	M 250.800	M 250.300
2	10:33:45	255.500	M 253.900	M 257.000	241.700	244.800	249.600	248.800	249.400	249.300	249.200
3	10:35:30	252.400	M 253.600	M 258.500	246.100	245.900	249.700	248.200	244.600	249.700	249.600
x		253.700	M 253.400	M 257.800	242.600	245.100	249.800	247.700	246.500	M 249.900	M 249.700
σ		1.564	M 0.571	M 0.784	3.196	0.687	0.200	1.359	2.560	M 0.797	M 0.538
%RSD		0.616	M 0.225	M 0.304	1.317	0.280	0.080	0.549	1.038	M 0.319	M 0.216

Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:31:59	97.918%	M 252.500	97.900%	248.200	2.325	M 255.400	246.600	M 263.800	97.871%	M 254.300
2	10:33:45	97.598%	M 256.800	99.472%	249.500	2.387	M 257.600	249.800	M 266.500	102.244%	M 255.600
3	10:35:30	97.205%	M 253.700	98.764%	248.500	2.572	M 256.200	M 250.000	M 267.400	102.176%	M 256.000
x		97.574%	M 254.300	98.712%	248.700	2.428	M 256.400	M 248.800	M 265.900	100.764%	M 255.300
σ		0.357%	M 2.253	0.787%	0.710	0.128	M 1.129	M 1.887	M 1.880	2.505%	M 0.894
%RSD		0.366	M 0.886	0.797	0.286	5.282	M 0.441	M 0.759	M 0.707	2.486	M 0.350

Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:31:59	M 250.700	M 281.400	98.650%	98.741%	237.800	246.100	245.200	101.021%	0.000	0.000
2	10:33:45	M 250.400	M 279.800	100.637%	100.605%	241.000	M 250.100	247.600	102.888%	0.000	0.000
3	10:35:30	M 250.300	M 280.000	99.903%	99.905%	242.000	M 252.100	248.400	102.435%	0.000	0.000
x		M 250.500	M 280.400	99.730%	99.751%	240.300	M 249.400	247.000	102.115%	0.000	0.000
σ		M 0.204	M 0.900	1.005%	0.942%	2.226	M 3.027	1.674	0.974%	0.000	0.000
%RSD		M 0.081	M 0.321	1.008	0.944	0.927	M 1.214	0.678	0.953	0.000	0.000

std5 08/16/2004 10:37:42 AM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:39:27	92.364%	0.174	8.492	7.264	0.000	M 10070.000	9869.000	9944.000	9528.000	0.000
2	10:41:12	92.635%	0.069	5.137	4.897	0.000	M 10050.000	9919.000	9927.000	9567.000	0.000
3	10:42:57	92.399%	0.079	3.563	3.568	0.000	M 10170.000	9994.000	M 10060.000	9678.000	0.000
x		92.466%	0.107	5.731	5.243	0.000	M 10100.000	9928.000	M 9976.000	9591.000	0.000
σ		0.148%	0.058	2.517	1.872	0.000	M 63.600	62.730	M 70.090	77.780	0.000
%RSD		0.160	53.680	43.920	35.710	0.000	M 0.630	0.632	M 0.703	0.811	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:39:27	9552.000	M 10000.000	9333.000	94.173%	1.265	0.809	6.274	3664.000	0.904	9753.000
2	10:41:12	9615.000	9989.000	9320.000	96.668%	1.222	1.655	2.724	3399.000	0.527	9757.000
3	10:42:57	9772.000	9973.000	9470.000	95.248%	1.204	2.996	2.181	3359.000	0.519	9844.000
x		9646.000	M 9988.000	9374.000	95.363%	1.230	1.820	3.726	3474.000	0.650	9784.000
		113.500	M 14.790	82.940	1.252%	0.032	1.103	2.223	165.600	0.220	51.500

σ											
%RSD		1.177	M0.148	0.885	1.312	2.561	60.580	59.660	4.767	33.890	0.527
Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:39:27	9714.000	0.144	4.719	3.605	3.256	3.675	0.997	0.254	1.108	1.239
2	10:41:12	9691.000	0.040	1.584	0.876	2.292	2.648	0.851	0.170	0.396	0.700
3	10:42:57	9820.000	0.023	1.256	0.325	2.510	2.908	0.928	0.167	0.606	1.150
x		9742.000	0.069	2.520	1.602	2.686	3.077	0.925	0.197	0.703	1.030
σ		69.090	0.066	1.912	1.757	0.506	0.534	0.073	0.049	0.366	0.289
%RSD		0.709	94.660	75.870	109.600	18.820	17.340	7.921	25.130	52.020	28.060
Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:39:27	94.208%	1.607	93.938%	3.171	1.182	2.816	0.008	0.549	95.153%	0.299
2	10:41:12	96.392%	0.935	97.066%	2.938	1.148	2.538	-0.018	0.505	101.320%	0.143
3	10:42:57	96.845%	0.716	97.018%	2.831	1.037	2.431	0.076	0.584	102.282%	0.145
x		95.815%	1.086	96.007%	2.980	1.122	2.595	0.022	0.546	99.585%	0.196
σ		1.410%	0.464	1.792%	0.174	0.076	0.199	0.048	0.040	3.869%	0.090
%RSD		1.472	42.740	1.867	5.846	6.759	7.664	217.700	7.277	3.885	45.810
Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:39:27	1.374	1.005	96.376%	96.732%	2.809	0.918	0.201	95.804%	0.000	0.000
2	10:41:12	1.217	0.891	99.853%	99.489%	2.493	0.592	0.121	99.823%	0.000	0.000
3	10:42:57	1.204	0.896	100.539%	100.543%	2.358	0.475	0.113	100.506%	0.000	0.000
x		1.265	0.931	98.923%	98.921%	2.553	0.661	0.145	98.711%	0.000	0.000
σ		0.094	0.064	2.232%	1.968%	0.232	0.229	0.048	2.541%	0.000	0.000
%RSD		7.461	6.917	2.257	1.989	9.069	34.690	33.420	2.574	0.000	0.000

icv 08/16/2004 10:45:10 AM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:46:55	92.118%	125.100	148.700	152.500	0.000	5206.000	4931.000	5056.000	5028.000	0.000
2	10:48:41	92.482%	125.600	153.300	154.600	0.000	5195.000	4997.000	5013.000	5009.000	0.000
3	10:50:26	92.405%	124.500	156.500	157.600	0.000	5252.000	4955.000	5093.000	5054.000	0.000
x		92.335%	125.100	152.800	154.900	0.000	5218.000	4961.000	5054.000	5030.000	0.000
σ		0.192%	0.520	3.923	2.570	0.000	30.200	33.800	39.870	22.580	0.000
%RSD		0.208	0.416	2.567	1.659	0.000	0.579	0.681	0.789	0.449	0.000
Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:46:55	4991.000	5342.000	4982.000	95.386%	124.600	114.400	118.100	3516.000	130.100	4977.000
2	10:48:41	4990.000	5257.000	4926.000	96.325%	121.500	113.400	117.500	3500.000	129.200	4965.000
3	10:50:26	5041.000	5291.000	4974.000	96.297%	125.500	114.000	118.000	3484.000	130.500	5001.000
x		5007.000	5297.000	4960.000	96.002%	123.900	113.900	117.800	3500.000	129.900	4981.000
σ		28.790	42.890	30.450	0.534%	2.070	0.502	0.347	16.310	0.666	18.520
%RSD		0.575	0.810	0.614	0.557	1.671	0.440	0.295	0.466	0.513	0.372
Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:46:55	5022.000	123.900	126.100	119.500	123.300	126.100	121.600	121.600	122.600	123.000
2	10:48:41	4987.000	123.700	126.000	116.700	123.600	125.500	120.800	121.300	124.300	123.200
3	10:50:26	5024.000	124.200	126.500	118.100	124.300	126.300	121.300	120.800	124.200	122.900
x		5011.000	123.900	126.200	118.100	123.700	126.000	121.200	121.200	123.700	123.000
σ		21.030	0.228	0.247	1.404	0.506	0.433	0.435	0.402	0.937	0.173
%RSD		0.420	0.184	0.195	1.189	0.409	0.343	0.359	0.332	0.758	0.140
Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:46:55	96.672%	123.300	96.263%	118.900	1.945	122.100	121.400	129.000	97.162%	125.600
2	10:48:41	97.630%	124.600	98.623%	117.500	1.738	121.300	121.900	130.500	102.734%	125.400
3	10:50:26	98.082%	126.700	98.460%	119.100	1.864	121.500	121.800	130.700	104.052%	125.300
x		97.461%	124.900	97.782%	118.500	1.849	121.600	121.700	130.100	101.316%	125.400
σ		0.720%	1.749	1.318%	0.908	0.104	0.383	0.260	0.923	3.657%	0.143
%RSD		0.739	1.401	1.348	0.766	5.635	0.315	0.213	0.710	3.610	0.114
Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg	238U

		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:46:55	127.000	138.100	98.101%	97.880%	118.700	122.700	123.700	98.779%	0.000	0.000
2	10:48:41	125.700	137.300	100.983%	100.432%	119.900	123.700	123.400	101.700%	0.000	0.000
3	10:50:26	125.900	137.300	101.735%	101.627%	120.500	124.100	123.700	103.142%	0.000	0.000
x		126.200	137.600	100.273%	99.980%	119.700	123.500	123.600	101.207%	0.000	0.000
σ		0.710	0.432	1.918%	1.914%	0.908	0.758	0.158	2.223%	0.000	0.000
%RSD		0.563	0.314	1.913	1.914	0.758	0.614	0.128	2.197	0.000	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:13:53	100.545%	0.023	0.961	0.486	0.000	-7.538	-1.112	-2.777	2.011	0.000
2	11:15:39	99.248%	0.023	0.520	0.379	0.000	-6.931	-0.838	-3.282	1.871	0.000
3	11:17:24	100.912%	0.036	0.423	0.515	0.000	-8.908	-1.612	-3.538	1.803	0.000
x		100.235%	0.027	0.635	0.460	0.000	-7.792	-1.187	-3.199	1.895	0.000
σ		0.874%	0.008	0.286	0.071	0.000	1.013	0.393	0.387	0.106	0.000
%RSD		0.872	28.220	45.120	15.530	0.000	12.990	33.080	12.110	5.580	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:13:53	-1.232	-1.165	-22.870	100.728%	1.122	0.721	1.841	3575.000	0.085	7.122
2	11:15:39	-1.045	-6.412	-23.120	100.740%	1.109	0.657	1.634	3566.000	0.076	6.635
3	11:17:24	-1.610	-5.492	-24.800	101.830%	1.073	1.845	1.481	3500.000	0.084	5.664
x		-1.296	-4.356	-23.600	101.099%	1.102	1.074	1.652	3547.000	0.081	6.474
σ		0.288	2.802	1.052	0.633%	0.025	0.668	0.181	40.930	0.005	0.743
%RSD		22.230	64.310	4.456	0.626	2.294	62.210	10.920	1.154	5.659	11.470

Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:13:53	1.411	0.017	0.923	0.061	1.021	1.414	0.352	0.514	0.598	1.133
2	11:15:39	-0.850	0.010	0.820	-0.061	1.137	1.497	0.378	0.576	0.715	1.044
3	11:17:24	-1.205	0.017	0.758	0.053	1.239	1.652	0.169	0.328	0.516	0.957
x		-0.215	0.014	0.834	0.018	1.132	1.521	0.300	0.473	0.610	1.045
σ		1.419	0.004	0.083	0.068	0.109	0.121	0.114	0.129	0.100	0.088
%RSD		661.100	27.790	9.968	386.700	9.624	7.947	38.070	27.300	16.380	8.408

Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:13:53	100.850%	0.146	101.149%	2.540	1.104	2.153	-0.043	0.470	100.566%	0.061
2	11:15:39	101.223%	0.130	103.798%	2.544	1.121	2.165	-0.031	0.464	105.973%	0.075
3	11:17:24	102.469%	0.104	103.989%	2.525	1.057	2.152	0.026	0.517	108.126%	0.065
x		101.514%	0.127	102.979%	2.536	1.094	2.157	-0.016	0.484	104.888%	0.067
σ		0.848%	0.021	1.587%	0.010	0.033	0.007	0.037	0.029	3.895%	0.007
%RSD		0.835	16.910	1.541	0.408	3.025	0.330	231.600	5.977	3.713	10.530

Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:13:53	1.013	0.827	100.701%	100.841%	2.105	0.181	0.070	102.146%	0.000	0.000
2	11:15:39	0.994	0.846	102.764%	102.991%	2.097	0.167	0.068	103.763%	0.000	0.000
3	11:17:24	0.994	0.860	103.941%	103.771%	2.082	0.156	0.067	105.231%	0.000	0.000
x		1.000	0.844	102.469%	102.535%	2.095	0.168	0.069	103.714%	0.000	0.000
σ		0.011	0.016	1.640%	1.517%	0.012	0.012	0.002	1.543%	0.000	0.000
%RSD		1.089	1.940	1.601	1.480	0.572	7.433	2.355	1.488	0.000	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:21:22	93.414%	129.300	147.900	152.300	0.000	5346.000	5018.000	5152.000	5130.000	0.000
2	11:23:07	92.339%	131.000	154.300	156.500	0.000	5428.000	5234.000	5245.000	5215.000	0.000
3	11:24:53	92.561%	129.900	149.900	156.300	0.000	5436.000	5253.000	5251.000	5235.000	0.000
x		92.771%	130.000	150.700	155.000	0.000	5404.000	5168.000	5216.000	5193.000	0.000
σ		0.567%	0.892	3.296	2.365	0.000	49.790	130.200	55.930	56.010	0.000
%RSD		0.612	0.686	2.187	1.526	0.000	0.922	2.520	1.072	1.079	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb

1	11:21:22	5118.000	5405.000	5071.000	95.565%	127.100	116.400	121.900	3640.000	133.800	5154.000
2	11:23:07	5227.000	5478.000	5167.000	95.139%	130.200	118.300	123.800	3625.000	135.400	5211.000
3	11:24:53	5226.000	5506.000	5154.000	95.886%	126.500	118.000	122.900	3584.000	135.200	5211.000
x		5190.000	5463.000	5131.000	95.530%	127.900	117.600	122.900	3616.000	134.800	5192.000
σ		62.770	52.000	52.220	0.375%	1.980	1.006	0.932	28.890	0.849	33.130
%RSD		1.209	0.952	1.018	0.392	1.548	0.856	0.759	0.799	0.630	0.638
Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:21:22	5185.000	128.500	131.300	121.100	123.700	125.100	125.200	124.600	128.600	127.900
2	11:23:07	5195.000	128.900	131.300	124.400	124.300	125.800	125.200	126.300	126.700	127.600
3	11:24:53	5210.000	129.400	130.300	122.800	124.000	125.800	126.800	124.600	126.300	127.100
x		5197.000	129.000	131.000	122.800	124.000	125.600	125.700	125.100	127.200	127.600
σ		12.150	0.421	0.563	1.658	0.303	0.387	0.918	0.986	1.225	0.398
%RSD		0.234	0.327	0.430	1.351	0.245	0.308	0.730	0.788	0.964	0.312
Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:21:22	95.244%	129.100	95.514%	121.600	1.821	125.200	125.400	134.600	96.080%	129.600
2	11:23:07	97.125%	129.800	98.109%	122.300	2.009	126.200	126.500	135.200	101.770%	129.200
3	11:24:53	96.798%	132.000	97.929%	123.200	1.965	126.000	125.800	135.400	102.431%	129.900
x		96.389%	130.300	97.184%	122.400	1.932	125.800	125.900	135.000	100.093%	129.600
σ		1.005%	1.507	1.449%	0.793	0.098	0.546	0.591	0.421	3.491%	0.353
%RSD		1.043	1.156	1.491	0.648	5.095	0.434	0.470	0.312	3.488	0.273
Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:21:22	130.600	141.600	96.988%	97.470%	120.900	125.100	127.000	98.484%	0.000	0.000
2	11:23:07	129.900	143.500	99.571%	100.300%	123.000	127.000	127.500	101.127%	0.000	0.000
3	11:24:53	130.400	142.500	99.633%	100.255%	123.400	127.900	128.300	101.622%	0.000	0.000
x		130.300	142.500	98.731%	99.342%	122.500	126.700	127.600	100.411%	0.000	0.000
σ		0.341	0.949	1.510%	1.621%	1.328	1.438	0.619	1.687%	0.000	0.000
%RSD		0.262	0.666	1.529	1.632	1.085	1.135	0.485	1.680	0.000	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:31:39	95.484%	0.082	1.742	1.580	0.000	-5.572	-0.316	-2.889	2.791	0.000
2	11:33:24	96.648%	0.028	1.913	1.250	0.000	-6.855	-0.645	-2.969	1.885	0.000
3	11:35:10	96.757%	0.057	1.858	0.709	0.000	-7.063	-1.007	-3.054	1.727	0.000
x		96.296%	0.056	1.838	1.180	0.000	-6.497	-0.656	-2.971	2.134	0.000
σ		0.705%	0.027	0.087	0.440	0.000	0.808	0.345	0.083	0.575	0.000
%RSD		0.733	47.800	4.740	37.300	0.000	12.430	52.670	2.780	26.920	0.000
Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:31:39	0.220	-6.052	-22.710	97.544%	1.205	1.060	2.151	3007.000	0.118	7.475
2	11:33:24	0.132	-5.824	-25.270	98.680%	1.119	3.023	1.962	2876.000	0.102	6.997
3	11:35:10	-0.496	-3.358	-26.330	98.966%	1.091	2.627	2.021	2860.000	0.096	7.005
x		-0.048	-5.078	-24.770	98.397%	1.138	2.237	2.045	2914.000	0.105	7.159
σ		0.391	1.494	1.863	0.752%	0.060	1.038	0.097	80.790	0.012	0.274
%RSD		816.300	29.420	7.520	0.764	5.242	46.400	4.736	2.772	11.020	3.823
Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:31:39	3.909	0.047	1.188	0.250	-0.361	0.014	0.210	0.263	0.339	1.204
2	11:33:24	2.359	0.035	1.184	0.179	-0.387	0.002	0.087	0.347	0.294	0.975
3	11:35:10	2.084	0.035	1.044	0.142	-0.411	0.006	0.080	0.504	0.176	0.859
x		2.784	0.039	1.138	0.190	-0.386	0.007	0.125	0.371	0.270	1.013
σ		0.984	0.007	0.082	0.055	0.025	0.006	0.073	0.122	0.084	0.176
%RSD		35.350	18.340	7.171	29.020	6.522	80.180	58.300	32.920	31.240	17.330
Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:31:39	96.630%	0.359	96.462%	2.341	1.180	1.953	-0.084	0.448	95.813%	0.082
2	11:33:24	97.938%	0.298	99.734%	2.302	0.977	1.958	0.110	0.600	100.533%	0.060
3	11:35:10	99.667%	0.219	100.391%	2.310	1.068	1.943	0.024	0.535	103.361%	0.06[illegible]

x		98.078%	0.292	98.863%	2.318	1.075	1.951	0.017	0.527	99.903%	0.068
σ		1.523%	0.071	2.105%	0.021	0.101	0.008	0.097	0.076	3.813%	0.012
%RSD		1.553	24.180	2.129	0.889	9.432	0.390	585.600	14.460	3.817	18.090
Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:31:39	1.017	0.864	96.657%	96.741%2.364		0.479	0.096	96.627%	0.000	0.000
2	11:33:24	1.009	0.847	99.268%	99.194%2.298		0.390	0.087	100.228%	0.000	0.000
3	11:35:10	1.001	0.833	100.106%	100.553%	2.229	0.330	0.080	101.421%	0.000	0.000
x		1.009	0.848	98.677%	98.829%	2.297	0.400	0.088	99.425%	0.000	0.000
σ		0.008	0.015	1.799%	1.932%	0.068	0.075	0.008	2.496%	0.000	0.000
%RSD		0.797	1.826	1.823	1.955	2.941	18.740	9.356	2.510	0.000	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:39:09	97.049%	0.525	5.493	4.722	0.000	273.100	271.700	267.500	50.220	0.000
2	11:40:55	97.297%	0.523	5.001	4.932	0.000	274.100	268.900	272.500	50.270	0.000
3	11:42:40	98.089%	0.537	4.938	5.161	0.000	271.500	269.000	269.900	49.930	0.000
x		97.478%	0.528	5.144	4.938	0.000	272.900	269.900	270.000	50.140	0.000
σ		0.543%	0.008	0.304	0.220	0.000	1.306	1.597	2.514	0.184	0.000
%RSD		0.557	1.493	5.905	4.444	0.000	0.479	0.592	0.931	0.367	0.000
Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:39:09	271.800	290.200	248.200	98.964%	2.005	4.664	5.216	2877.000	0.594	57.230
2	11:40:55	273.700	284.800	245.500	99.737%	2.038	5.835	5.143	2783.000	0.584	56.960
3	11:42:40	270.900	282.600	249.300	100.812%	1.918	6.385	5.013	2743.000	0.588	56.720
x		272.100	285.900	247.700	99.838%	1.987	5.628	5.124	2801.000	0.588	56.970
σ		1.457	3.929	1.945	0.928%	0.062	0.879	0.103	68.770	0.005	0.257
%RSD		0.535	1.374	0.785	0.930	3.129	15.610	2.001	2.455	0.853	0.451
Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:39:09	55.060	0.508	5.104	4.433	8.366	9.137	4.549	1.085	4.172	4.748
2	11:40:55	53.460	0.515	5.235	4.222	8.528	8.866	4.637	1.283	4.823	4.564
3	11:42:40	51.930	0.507	5.072	4.387	8.527	8.956	4.940	1.462	4.610	4.557
x		53.480	0.510	5.137	4.347	8.474	8.986	4.709	1.277	4.535	4.623
σ		1.568	0.004	0.087	0.111	0.093	0.138	0.205	0.189	0.332	0.109
%RSD		2.931	0.826	1.685	2.543	1.102	1.539	4.360	14.780	7.316	2.348
Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd11	5In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:39:09	97.779%	1.104	98.702%	5.443	1.069	5.231	1.004	1.556	98.012%	1.522
2	11:40:55	99.516%	1.146	101.329%	5.450	1.085	5.277	0.922	1.582	103.069%	1.487
3	11:42:40	100.384%	1.192	101.946%	5.542	0.989	5.259	1.166	1.581	105.022%	1.426
x		99.226%	1.147	100.659%	5.478	1.047	5.256	1.031	1.573	102.034%	1.478
σ		1.326%	0.044	1.723%	0.055	0.051	0.023	0.124	0.015	3.618%	0.048
%RSD		1.337	3.864	1.711	1.011	4.912	0.433	12.020	0.925	3.545	3.279
Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:39:09	1.477	1.993	97.070%	97.318%	2.615	0.726	0.597	97.670%	0.000	0.000
2	11:40:55	1.431	1.949	100.407%	100.317%	2.584	0.722	0.615	100.885%	0.000	0.000
3	11:42:40	1.407	1.957	101.337%	101.231%	2.622	0.703	0.603	102.697%	0.000	0.000
x		1.438	1.966	99.605%	99.622%	2.607	0.717	0.605	100.417%	0.000	0.000
σ		0.036	0.023	2.244%	2.047%	0.020	0.012	0.010	2.546%	0.000	0.000
%RSD		2.476	1.191	2.253	2.054	0.770	1.683	1.580	2.535	0.000	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:55:08	86.300%	0.053	0.696	0.717	0.000	M 104700.000	M 101100.000	M 101600.000	M 100300.000
2	11:56:54	85.280%	0.043	1.011	0.496	0.000	M 105700.000	M 101900.000	M 102100.000	M 101600.000
3	11:58:39	85.224%	0.016	1.289	0.683	0.000	M 106600.000	M 101900.000	M 102100.000	M 101000.000
		85.601%	0.037	0.999	0.632	0.000	M 105700.000	M 101600.000	M 102000.000	M 101000.000

x										
σ		0.606%	0.019	0.297	0.119	0.000	M929.600	M461.300	M279.000	M672.300
%RSD		0.707	51.120	29.710	18.800	0.000	M0.880	M0.454	M0.274	M0.666
Run	**Time**	**39K**	**43Ca**	**44Ca**	**45Sc**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**
		ppb	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**
1	11:55:08	M99050.000	M102400.000	M104700.000	91.240%	M2147.000	2.024	4.422	3559.000	0.529
2	11:56:54	M100900.000	M103500.000	M105600.000	91.137%	M2168.000	1.117	4.385	3521.000	0.454
3	11:58:39	M99940.000	M102400.000	M105500.000	91.911%	M2169.000	2.079	4.409	3398.000	0.482
x		M99970.000	M102800.000	M105300.000	91.429%	M2162.000	1.740	4.405	3493.000	0.488
σ		M931.300	M656.200	M521.300	0.420%	M12.270	0.540	0.019	83.920	0.038
%RSD		M0.932	M0.639	M0.495	0.460	M0.568	31.070	0.429	2.403	7.719
Run	**Time**	**57Fe**	**59Co**	**60Ni**	**62Ni**	**63Cu**	**65Cu**	**66Zn**	**75As**	**78Se**
		ppb	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**
1	11:55:08	M101700.000	0.136	2.322	7.659	3.168	2.900	3.259	0.597	1.733
2	11:56:54	M101900.000	0.091	2.195	8.051	2.746	2.680	3.099	0.335	1.148
3	11:58:39	M102000.000	0.116	2.316	7.426	3.375	3.167	2.851	0.231	0.911
x		M101800.000	0.115	2.277	7.712	3.097	2.916	3.070	0.388	1.264
σ		M154.900	0.022	0.072	0.316	0.321	0.244	0.205	0.189	0.423
%RSD		M0.152	19.600	3.156	4.100	10.350	8.360	6.688	48.600	33.490
Run	**Time**	**89Y**	**95Mo**	**103Rh**	**107Ag**	**108Mo O**	**109Ag**	**111Cd**	**114Cd**	**115In**
		ppb	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**
1	11:55:08	92.407%	M2233.000	88.737%	2.527	4.003	2.165	0.575	0.875	91.749%
2	11:56:54	93.685%	M2239.000	91.381%	2.562	4.022	2.175	0.546	0.997	96.526%
3	11:58:39	93.341%	M2255.000	92.150%	2.522	3.701	2.160	0.849	1.116	98.426%
x		93.144%	M2242.000	90.756%	2.537	3.908	2.167	0.657	0.996	95.567%
σ		0.661%	M11.470	1.791%	0.021	0.180	0.008	0.167	0.120	3.440%
%RSD		0.710	M0.512	1.973	0.842	4.598	0.368	25.490	12.080	3.600
Run	**Time**	**121Sb**	**137Ba**	**159Tb**	**165Ho**	**203Tl**	**205Tl**	**208Pb**	**209Bi**	**220Bkg**
		ppb	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**
1	11:55:08	2.411	1.154	94.538%	95.276%	2.136	0.219	1.094	92.360%	0.000
2	11:56:54	2.523	1.156	97.800%	98.148%	2.119	0.199	1.092	95.726%	0.000
3	11:58:39	2.489	1.199	98.011%	98.393%	2.129	0.194	1.100	96.605%	0.000
x		2.475	1.169	96.783%	97.272%	2.128	0.204	1.095	94.897%	0.000
σ		0.057	0.026	1.947%	1.733%	0.009	0.013	0.004	2.240%	0.000
%RSD		2.313	2.183	2.011	1.782	0.416	6.460	0.373	2.361	0.000

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Run	**Time**	**6Li**	**9Be**	**10B**	**11B**	**13C**	**23Na**	**25Mg**	**26Mg**	**27Al**
		ppb	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**
1	12:03:39	83.700%	0.044	1.075	0.887	0.000	M107800.000	M104000.000	M104200.000	M103500.000
2	12:05:24	85.799%	0.048	0.850	0.824	0.000	M107600.000	M103100.000	M103200.000	M102400.000
3	12:07:10	85.879%	0.053	0.714	0.724	0.000	M107600.000	M103600.000	M104000.000	M103300.000
x		85.126%	0.048	0.880	0.812	0.000	M107600.000	M103600.000	M103800.000	M103100.000
σ		1.236%	0.005	0.183	0.082	0.000	M107.000	M450.000	M506.700	M583.400
%RSD		1.451	9.989	20.750	10.120	0.000	M0.099	M0.435	M0.488	M0.566
Run	**Time**	**39K**	**43Ca**	**44Ca**	**45Sc**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**
		ppb	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**
1	12:03:39	M101500.000	M104500.000	M106800.000	90.425%	M2200.000	2.075	23.990	3438.000	22.500
2	12:05:24	M101500.000	M103800.000	M106900.000	91.814%	M2186.000	1.845	23.760	3316.000	22.560
3	12:07:10	M102600.000	M105300.000	M108200.000	90.407%	M2212.000	2.125	24.170	3242.000	22.880
x		M101900.000	M104600.000	M107300.000	90.882%	M2199.000	2.015	23.970	3332.000	22.650
σ		M608.500	M758.600	M784.700	0.807%	M12.630	0.149	0.209	99.320	0.205
%RSD		M0.597	M0.726	M0.731	0.888	M0.574	7.406	0.871	2.981	0.905
Run	**Time**	**57Fe**	**59Co**	**60Ni**	**62Ni**	**63Cu**	**65Cu**	**66Zn**	**75As**	**78Se**
		ppb	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**
1	12:03:39	M104200.000	20.800	22.510	27.140	21.170	20.570	22.240	20.060	0.958
2	12:05:24	M103600.000	20.700	22.730	27.050	20.860	20.810	22.660	19.850	1.900
3	12:07:10	M106000.000	20.940	22.730	27.160	21.300	21.180	22.520	20.440	1.933
x		M104600.000	20.810	22.660	27.110	21.110	20.850	22.470	20.120	1.597
σ		M1240.000	0.122	0.130	0.058	0.229	0.304	0.215	0.296	0.553
%RSD		M1.186	0.585	0.572	0.213	1.083	1.457	0.958	1.471	34.600

Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:03:39	91.066%	M 2302.000	87.448%	21.350	4.124	21.590	20.770	22.230	90.552%
2	12:05:24	93.802%	M 2288.000	92.175%	21.630	4.046	21.750	20.830	22.240	96.591%
3	12:07:10	93.911%	M 2310.000	91.467%	21.880	3.862	21.850	21.030	22.680	98.174%
x		92.927%	M 2300.000	90.363%	21.620	4.011	21.730	20.880	22.390	95.106%
σ		1.612%	M 10.830	2.550%	0.263	0.135	0.132	0.140	0.257	4.022%
%RSD		1.735	M 0.471	2.822	1.218	3.361	0.609	0.673	1.150	4.229

Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:03:39	2.598	1.186	94.081%	94.554%	2.100	0.183	1.104	91.890%	0.000
2	12:05:24	2.758	1.148	98.286%	99.131%	2.095	0.180	1.124	96.504%	0.000
3	12:07:10	2.747	1.171	99.632%	99.599%	2.100	0.174	1.134	96.929%	0.000
x		2.701	1.168	97.333%	97.762%	2.098	0.179	1.121	95.108%	0.000
σ		0.090	0.019	2.895%	2.787%	0.003	0.004	0.015	2.795%	0.000
%RSD		3.317	1.628	2.975	2.851	0.152	2.499	1.380	2.939	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:12:07	86.166%	132.500	149.500	154.300	0.000	5460.000	5203.000	5292.000	5290.000	0.000
2	12:13:52	87.418%	130.800	147.000	157.700	0.000	5476.000	5167.000	5303.000	5261.000	0.000
3	12:15:38	85.742%	132.900	156.800	161.800	0.000	5538.000	5225.000	5361.000	5320.000	0.000
x		86.442%	132.100	151.100	157.900	0.000	5491.000	5198.000	5319.000	5291.000	0.000
σ		0.871%	1.128	5.053	3.757	0.000	41.150	29.260	37.580	29.740	0.000
%RSD		1.008	0.854	3.344	2.379	0.000	0.749	0.563	0.707	0.562	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:12:07	5176.000	5514.000	5196.000	92.681%	129.900	118.500	123.400	3184.000	135.400	5226.000
2	12:13:52	5167.000	5533.000	5194.000	93.426%	128.000	119.400	124.400	3066.000	136.300	5245.000
3	12:15:38	5226.000	5550.000	5221.000	92.619%	128.300	120.200	124.800	3092.000	137.300	5279.000
x		5190.000	5533.000	5204.000	92.908%	128.700	119.400	124.200	3114.000	136.300	5250.000
σ		32.200	18.190	15.420	0.449%	1.010	0.827	0.722	62.140	0.910	26.930
%RSD		0.621	0.329	0.296	0.483	0.785	0.693	0.581	1.995	0.667	0.513

Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:12:07	5328.000	130.300	132.600	125.800	125.800	128.200	126.600	126.200	131.700	129.300
2	12:13:52	5316.000	131.200	132.800	124.600	125.300	127.000	127.500	127.400	131.600	130.400
3	12:15:38	5344.000	131.100	133.800	123.200	125.700	128.100	127.800	126.200	132.100	127.500
x		5330.000	130.900	133.100	124.500	125.600	127.800	127.300	126.600	131.800	129.100
σ		13.990	0.517	0.643	1.313	0.264	0.655	0.609	0.725	0.247	1.469
%RSD		0.263	0.395	0.483	1.054	0.210	0.513	0.479	0.572	0.187	1.139

Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:12:07	92.863%	137.000	92.257%	122.500	1.547	125.100	125.800	135.300	93.097%	130.400
2	12:13:52	94.848%	135.900	95.629%	125.800	1.554	128.600	129.400	137.800	97.431%	131.500
3	12:15:38	94.398%	134.200	95.920%	124.500	1.572	127.800	129.900	137.500	98.910%	130.600
x		94.036%	135.700	94.602%	124.300	1.558	127.200	128.400	136.900	96.479%	130.800
σ		1.040%	1.385	2.036%	1.664	0.013	1.849	2.219	1.369	3.021%	0.549
%RSD		1.106	1.021	2.152	1.339	0.841	1.454	1.729	1.000	3.132	0.419

Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:12:07	131.400	143.000	94.518%	94.739%	122.200	126.300	128.800	94.886%	0.000	0.000
2	12:13:52	132.900	144.100	98.078%	98.455%	123.500	128.000	129.200	99.332%	0.000	0.000
3	12:15:38	132.300	143.400	97.814%	98.810%	124.000	128.400	129.400	99.709%	0.000	0.000
x		132.200	143.500	96.803%	97.335%	123.200	127.600	129.100	97.976%	0.000	0.000
σ		0.780	0.572	1.984%	2.255%	0.898	1.138	0.290	2.682%	0.000	0.000
%RSD		0.590	0.399	2.049	2.316	0.729	0.892	0.225	2.738	0.000	0.000

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:21:14	86.335%	0.085	2.988	2.491	0.000	0.989	6.409	3.989	9.089	0.000
2	12:22:59	85.165%	0.043	1.885	1.512	0.000-	3.540	0.586	-1.118	3.845	0.000
3	12:24:44	86.113%	0.043	2.422	1.095	0.000-	5.945	-1.219	-3.004	2.134	0.000
x		85.871%	0.057	2.432	1.699	0.000	-2.832	1.925	-0.044	5.023	0.000
σ		0.622%	0.024	0.551	0.716	0.000	3.521	3.986	3.618	3.624	0.000
%RSD		0.724	42.790	22.670	42.160	0.000	124.300	207.000	8151.000	72.150	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:21:14	9.501	4.507	-20.610	90.929%	1.239	2.297	16.050	3223.000	0.581	57.730
2	12:22:59	4.938-	3.970	-24.770	90.425%	1.202	2.649	5.211	3117.000	0.175	13.540
3	12:24:44	3.645-	4.380	-27.010	90.504%	1.111	2.758	2.467	3060.000	0.081	2.347
x		6.028	-1.281	-24.130	90.619%	1.184	2.568	7.909	3134.000	0.279	24.540
σ		3.077	5.017	3.250	0.271%	0.066	0.241	7.182	82.490	0.266	29.280
%RSD		51.040	391.600	13.470	0.299	5.549	9.377	90.800	2.633	95.140	119.300

Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:21:14	58.960	0.163	7.282	6.180	1.463	1.797	0.173	0.348	1.950	1.095
2	12:22:59	14.010	0.044	2.302	1.434	-0.089	0.303	0.163	0.363	1.692	1.084
3	12:24:44	4.099	0.013	1.154	0.403	-0.397-	0.040	0.151	0.548	1.430	0.660
x		25.690	0.073	3.579	2.672	0.326	0.687	0.162	0.420	1.691	0.946
σ		29.230	0.079	3.258	3.081	0.997	0.977	0.011	0.112	0.260	0.248
%RSD		113.800	107.700	91.020	115.300	306.200	142.300	6.894	26.600	15.370	26.200

Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:21:14	90.384%	2.589	90.221%	2.268	1.100	1.898	-0.003	0.499	90.236%	0.081
2	12:22:59	91.629%	1.702	93.767%	2.239	1.004	1.858	0.068	0.554	94.945%	0.038
3	12:24:44	92.392%	1.368	94.229%	2.223	1.164	1.858	-0.074	0.441	96.487%	0.017
x		91.468%	1.886	92.739%	2.243	1.089	1.871	-0.003	0.498	93.889%	0.045
σ		1.014%	0.631	2.193%	0.023	0.080	0.023	0.071	0.057	3.256%	0.033
%RSD		1.108	33.440	2.364	1.014	7.384	1.216	2374.000	11.400	3.468	72.040

Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:21:14	1.044	0.862	91.842%	92.069%	2.518	0.629	0.090	91.409%	0.000	0.000
2	12:22:59	1.032	0.831	94.385%	95.183%	2.352	0.436	0.062	95.106%	0.000	0.000
3	12:24:44	1.010	0.811	96.209%	96.493%	2.258	0.333	0.055	97.025%	0.000	0.000
x		1.028	0.835	94.145%	94.582%	2.376	0.466	0.069	94.513%	0.000	0.000
σ		0.017	0.026	2.193%	2.272%	0.131	0.150	0.018	2.855%	0.000	0.000
%RSD		1.682	3.067	2.330	2.402	5.529	32.250	26.100	3.021	0.000	0.000

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User Pre-dilution: 2.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:30:23	88.133%	0.031	1.764	1.083	0.000	23.460	51.500	44.990	10.810	0.000
2	12:32:09	89.659%	0.051	2.504	1.281	0.000	15.760	47.230	43.720	9.120	0.000
3	12:33:54	89.224%	0.072	1.682	1.875	0.000	23.640	54.870	51.410	15.420	0.000
x		89.006%	0.051	1.983	1.413	0.000	20.950	51.200	46.710	11.780	0.000
σ		0.786%	0.020	0.453	0.412	0.000	4.501	3.832	4.123	3.260	0.000
%RSD		0.883	39.610	22.840	29.170	0.000	21.480	7.484	8.828	27.670	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:30:23	9.789	20.220	-11.210	90.275%	2.542	-4.011	5.821	13270.000	1.146	10.040
2	12:32:09	7.365	19.630	-13.390	91.214%	2.340	-5.300	5.497	13060.000	1.061	7.858
3	12:33:54	13.510	35.250	-8.917	91.045%	2.551	-0.015	8.218	12590.000	1.101	24.200
x		10.220	25.040	-11.170	90.845%	2.478	-3.109	6.512	12970.000	1.103	14.030
σ		3.097	8.855	2.239	0.501%	0.119	2.755	1.487	347.800	0.042	8.871
%RSD		30.300	35.370	20.030	0.551	4.814	88.630	22.830	2.681	3.847	63.220

Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:30:23	5.073	0.063	4.218	2.437	1.402	2.118	4.279	1.313	2.692	2.033

2	12:32:09	0.543	0.059	4.451	2.701	2.455	3.299	4.655	0.630	2.933	1.321
3	12:33:54	20.360	0.089	5.209	3.457	7.205	8.055	5.143	0.403	2.682	2.314
x		8.657	0.070	4.626	2.865	3.687	4.490	4.693	0.782	2.769	1.889
σ		10.380	0.017	0.518	0.529	3.091	3.143	0.433	0.474	0.142	0.512
%RSD		119.900	23.800	11.200	18.460	83.840	69.990	9.231	60.610	5.134	27.100
Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:30:23	90.783%	2.171	89.975%	4.601	2.076	3.865	0.072	1.042	89.570%	0.162
2	12:32:09	92.388%	1.852	93.613%	4.628	2.330	3.901	-0.170	0.856	94.978%	0.333
3	12:33:54	93.717%	1.754	94.319%	4.606	2.099	3.838	0.058	1.025	96.530%	0.456
x		92.296%	1.926	92.636%	4.612	2.168	3.868	-0.014	0.974	93.693%	0.317
σ		1.469%	0.218	2.331%	0.015	0.141	0.032	0.136	0.103	3.654%	0.147
%RSD		1.591	11.330	2.516	0.315	6.482	0.821	1002.000	10.570	3.900	46.490
Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:30:23	2.549	1.793	92.004%	92.341%	4.301	0.466	0.154	93.845%	0.000	0.000
2	12:32:09	2.622	1.735	95.301%	95.816%	4.240	0.441	0.160	97.578%	0.000	0.000
3	12:33:54	2.705	1.764	96.628%	96.606%	4.257	0.400	0.165	98.642%	0.000	0.000
x		2.626	1.764	94.644%	94.921%	4.266	0.436	0.160	96.688%	0.000	0.000
σ		0.078	0.029	2.381%	2.269%	0.031	0.033	0.006	2.519%	0.000	0.000
%RSD		2.973	1.637	2.515	2.390	0.732	7.608	3.697	2.605	0.000	0.000

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User Pre-dilution: 2.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:39:31	89.691%	466.500	9.690	9.263	0.000	4803.000	5131.000	5154.000	4549.000	0.000
2	12:41:16	90.217%	458.500	9.504	9.801	0.000	4828.000	5107.000	5144.000	4546.000	0.000
3	12:43:01	89.634%	454.900	9.485	9.048	0.000	4811.000	5100.000	5135.000	4563.000	0.000
x		89.847%	460.000	9.560	9.371	0.000	4814.000	5113.000	5144.000	4552.000	0.000
σ		0.321%	5.928	0.113	0.388	0.000	12.700	16.340	9.535	9.017	0.000
%RSD		0.358	1.289	1.183	4.137	0.000	0.264	0.320	0.185	0.198	0.000
Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:39:31	4512.000	5113.000	4913.000	91.993%	461.500	497.800	446.300	14860.000	494.800	5126.000
2	12:41:16	4562.000	5172.000	4953.000	92.100%	466.000	M 507.800	447.000	15440.000	498.900	5191.000
3	12:43:01	4553.000	5337.000	4954.000	91.980%	465.000	M 513.200	443.200	15720.000	493.300	5136.000
x		4542.000	5207.000	4940.000	92.025%	464.200	M 506.300	445.500	15340.000	495.700	5151.000
σ		26.630	116.400	23.390	0.066%	2.344	M 7.829	2.003	440.300	2.909	34.840
%RSD		0.586	2.234	0.474	0.072	0.505	M 1.546	0.450	2.870	0.587	0.676
Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:39:31	5200.000	474.300	480.500	454.400	460.300	466.400	432.500	439.700	434.600	433.100
2	12:41:16	5204.000	474.900	477.400	455.500	457.500	462.700	434.700	438.600	429.600	430.200
3	12:43:01	5179.000	469.200	476.300	447.700	453.900	459.500	431.900	431.100	430.800	423.700
x		5194.000	472.800	478.100	452.600	457.200	462.900	433.000	436.500	431.600	429.000
σ		13.290	3.134	2.173	4.215	3.231	3.437	1.483	4.669	2.607	4.816
%RSD		0.256	0.663	0.455	0.931	0.707	0.743	0.342	1.070	0.604	1.123
Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:39:31	92.607%	467.200	91.814%	182.700	3.966	186.900	450.400	482.200	92.448%	0.377
2	12:41:16	93.566%	468.100	95.236%	186.900	4.205	191.500	458.300	486.100	96.707%	0.389
3	12:43:01	94.082%	468.600	96.019%	184.300	4.275	188.700	453.100	479.500	98.624%	0.405
x		93.418%	468.000	94.356%	184.700	4.148	189.000	453.900	482.600	95.926%	0.390
σ		0.749%	0.688	2.236%	2.124	0.162	2.302	3.981	3.327	3.161%	0.014
%RSD		0.801	0.147	2.370	1.150	3.904	1.218	0.877	0.689	3.296	3.554
Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:39:31	468.500	M 524.300	95.791%	96.103%	444.400	460.900	465.800	98.485%	0.000	0.000
2	12:41:16	469.800	M 518.700	98.806%	99.409%	447.700	464.800	464.700	101.616%	0.000	0.000
3	12:43:01	464.400	M 516.800	99.162%	100.048%	446.800	468.000	464.100	101.683%	0.000	0.000
x		467.600	M 520.000	97.920%	98.520%	446.300	464.600	464.900	100.595%	0.000	0.000

σ	2.789	M 3.912	1.852%	2.117%	1.665	3.594	0.856	1.827%	0.000	0.000
%RSD	0.597	M 0.752	1.892	2.149	0.373	0.774	0.184	1.816	0.000	0.000

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User Pre-dilution: 5.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:48:40	85.890%	52.230	5.061	4.674	0.000	36390.000	28120.000	28320.000	1954.000	0.000
2	12:50:25	86.071%	52.390	7.390	4.041	0.000	36860.000	28140.000	28860.000	1983.000	0.000
3	12:52:10	88.690%	49.430	4.811	4.974	0.000	36490.000	27810.000	28550.000	1964.000	0.000
x		86.884%	51.350	5.754	4.563	0.000	36580.000	28020.000	28570.000	1967.000	0.000
σ		1.567%	1.669	1.422	0.476	0.000	249.400	185.100	271.400	14.930	0.000
%RSD		1.804	3.249	24.710	10.430	0.000	0.682	0.661	0.950	0.759	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:48:40	24520.000	36450.000	34990.000	92.062%	8.002	440.300	189.100	19200.000	518.000	1023.000
2	12:50:25	25290.000	37660.000	35880.000	91.481%	7.270	451.800	192.200	18710.000	527.500	1075.000
3	12:52:10	24920.000	37380.000	35540.000	92.336%	7.025	451.300	193.100	18400.000	526.300	1045.000
x		24910.000	37160.000	35470.000	91.960%	7.432	447.800	191.400	18770.000	523.900	1048.000
σ		381.600	630.700	450.200	0.437%	0.508	6.525	2.127	400.900	5.172	25.930
%RSD		1.532	1.697	1.269	0.475	6.839	1.457	1.111	2.136	0.987	2.475

Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:48:40	1234.000	483.300	503.700	463.500	260.000	271.200	487.000	M 1855.000	M 1932.000	M 1922.000
2	12:50:25	1237.000	493.000	505.300	477.500	264.300	272.900	493.400	M 1876.000	M 1958.000	M 1942.000
3	12:52:10	1227.000	493.800	505.100	471.000	267.600	273.800	495.100	M 1875.000	M 1940.000	M 1956.000
x		1233.000	490.000	504.700	470.600	264.000	272.600	491.800	M 1869.000	M 1943.000	M 1940.000
σ		4.913	5.876	0.855	7.026	3.841	1.330	4.288	M 11.660	M 13.320	M 17.420
%RSD		0.399	1.199	0.169	1.493	1.455	0.488	0.872	M 0.624	M 0.686	M 0.898

Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:48:40	90.505%	4.643	89.956%	58.380	5.974	57.420	49.320	54.420	90.517%	0.793
2	12:50:25	92.098%	3.535	93.979%	60.050	5.471	58.760	50.100	55.000	95.279%	0.870
3	12:52:10	92.625%	3.152	95.341%	59.050	5.854	58.570	49.290	54.830	97.515%	0.868
x		91.743%	3.777	93.092%	59.160	5.766	58.250	49.570	54.750	94.437%	0.844
σ		1.104%	0.774	2.800%	0.839	0.263	0.725	0.460	0.299	3.574%	0.044
%RSD		1.203	20.500	3.007	1.418	4.555	1.244	0.928	0.545	3.784	5.200

Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:48:40	491.300	M 2120.000	93.369%	94.367%	M 1779.000	M 1870.000	499.200	95.900%	0.000	0.000
2	12:50:25	501.100	M 2136.000	96.479%	96.692%	M 1807.000	M 1896.000	502.600	99.831%	0.000	0.000
3	12:52:10	493.600	M 2121.000	97.679%	97.868%	M 1808.000	M 1888.000	500.200	101.449%	0.000	0.000
x		495.300	M 2126.000	95.843%	96.309%	M 1798.000	M 1885.000	500.700	99.060%	0.000	0.000
σ		5.108	M 8.805	2.224%	1.782%	M 16.150	M 13.190	1.727	2.854%	0.000	0.000
%RSD		1.031	M 0.414	2.321	1.850	M 0.898	M 0.700	0.345	2.881	0.000	0.000

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User Pre-dilution: 5.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:57:47	86.232%	48.360	8.249	3.759	0.000	36350.000	27540.000	28200.000	1949.000	0.000
2	12:59:33	84.394%	51.020	6.239	3.064	0.000	37050.000	27890.000	28820.000	1978.000	0.000
3	13:01:18	85.242%	49.810	7.889	3.663	0.000	36930.000	27700.000	28820.000	1963.000	0.000
x		85.289%	49.730	7.459	3.495	0.000	36780.000	27710.000	28610.000	1964.000	0.000
σ		0.920%	1.332	1.072	0.377	0.000	378.000	172.700	355.900	14.540	0.000
%RSD		1.079	2.679	14.370	10.770	0.000	1.028	0.623	1.244	0.740	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:57:47	24800.000	37140.000	35490.000	88.700%	6.732	446.300	190.800	19640.000	525.600	1046.000
2	12:59:33	25110.000	37540.000	35650.000	89.866%	7.201	449.000	190.300	18800.000	524.400	1077.000
3	13:01:18	25020.000	37030.000	35510.000	89.641%	7.168	448.700	191.300	18710.000	527.600	1089.000
x		24980.000	37240.000	35550.000	89.402%	7.034	448.000	190.800	19050.000	525.900	1071.000
		158.900	270.200	87.490	0.619%	0.262	1.516	0.490	513.500	1.626	21.840

σ											
%RSD		0.636	0.726	0.246	0.692	3.721	0.338	0.257	2.696	0.309	2.040
Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:57:47	1245.000	491.700	508.900	471.300	270.700	277.600	493.300	M 1858.000	M 1942.000	M 1920.000
2	12:59:33	1217.000	487.700	501.900	469.500	269.900	275.400	491.900	M 1857.000	M 1938.000	M 1922.000
3	13:01:18	1240.000	487.900	504.500	464.600	269.800	272.900	493.200	M 1859.000	M 1923.000	M 1925.000
x		1234.000	489.100	505.100	468.500	270.100	275.300	492.800	M 1858.000	M 1934.000	M 1922.000
σ		15.060	2.253	3.502	3.482	0.503	2.381	0.756	M 0.914	M 9.889	M 2.513
%RSD		1.221	0.461	0.693	0.743	0.186	0.865	0.153	M 0.049	M 0.511	M 0.131
Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:57:47	88.296%	2.098	87.764%	57.340	6.394	57.520	48.970	53.370	88.084%	1.013
2	12:59:33	90.709%	1.837	91.526%	59.400	5.400	59.350	50.270	55.920	93.011%	0.950
3	13:01:18	90.674%	1.813	92.555%	58.800	5.418	58.570	49.400	54.220	94.920%	0.852
x		89.893%	1.916	90.615%	58.520	5.737	58.480	49.550	54.510	92.005%	0.938
σ		1.383%	0.158	2.522%	1.060	0.569	0.919	0.663	1.300	3.527%	0.081
%RSD		1.539	8.242	2.784	1.811	9.918	1.572	1.338	2.386	3.834	8.642
Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:57:47	495.800	M 2126.000	91.158%	91.393%	M 1792.000	M 1893.000	500.700	94.129%	0.000	0.000
2	12:59:33	501.800	M 2126.000	94.907%	94.820%	M 1805.000	M 1958.000	502.300	97.870%	0.000	0.000
3	13:01:18	494.700	M 2127.000	95.538%	95.715%	M 1797.000	M 1925.000	500.200	98.829%	0.000	0.000
x		497.400	M 2127.000	93.868%	93.976%	M 1798.000	M 1925.000	501.100	96.943%	0.000	0.000
σ		3.816	M 0.553	2.367%	2.281%	M 6.500	M 32.330	1.102	2.483%	0.000	0.000
%RSD		0.767	M 0.026	2.522	2.427	M 0.362	M 1.679	0.220	2.562	0.000	0.000

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User Pre-dilution: 2.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:16:03	89.964%	0.072	2.071	1.278	0.000	-3.310	40.060	35.950	5.778	0.000
2	13:17:48	90.242%	0.092	1.569	0.821	0.000	-1.413	36.630	35.230	6.097	0.000
3	13:19:33	90.440%	0.020	2.303	1.272	0.000	-1.336	39.930	37.110	6.186	0.000
x		90.215%	0.061	1.981	1.124	0.000	-2.020	38.870	36.100	6.020	0.000
σ		0.239%	0.037	0.375	0.262	0.000	1.118	1.945	0.951	0.214	0.000
%RSD		0.265	60.110	18.950	23.330	0.000	55.350	5.002	2.635	3.559	0.000
Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:16:03	4.627	3.335	-18.930	89.347%	2.503	117.300	6.508	23190.000	1.041	7.633
2	13:17:48	5.033	23.560	-20.900	89.812%	2.423	110.100	5.976	20760.000	0.891	6.446
3	13:19:33	6.671	10.500	-21.470	89.197%	2.411	116.600	5.590	19660.000	0.979	7.116
x		5.444	12.460	-20.430	89.452%	2.446	114.700	6.025	21200.000	0.970	7.065
σ		1.082	10.250	1.336	0.321%	0.050	3.971	0.461	1805.000	0.075	0.595
%RSD		19.880	82.270	6.536	0.359	2.037	3.462	7.654	8.515	7.753	8.428
Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:16:03	-5.903	0.009	1.702	0.163	5.304	6.011	2.623	0.602	1.615	1.975
2	13:17:48	-3.882	0.032	1.914	0.193	4.907	5.693	2.894	2.074	2.147	2.748
3	13:19:33	-2.752	0.060	1.920	0.787	5.770	6.658	2.911	1.846	1.192	3.005
x		-4.179	0.034	1.845	0.381	5.327	6.121	2.809	1.507	1.651	2.576
σ		1.596	0.026	0.124	0.352	0.432	0.492	0.162	0.792	0.478	0.536
%RSD		38.200	77.020	6.706	92.310	8.113	8.038	5.760	52.560	28.970	20.820
Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:16:03	89.674%	0.516	88.618%	4.382	2.307	3.652	-0.056	0.959	89.111%	0.356
2	13:17:48	91.696%	0.405	92.801%	4.407	2.132	3.664	0.065	1.092	93.940%	0.291
3	13:19:33	91.322%	0.437	93.970%	4.406	2.268	3.653	-0.028	0.972	95.124%	0.549
x		90.897%	0.453	91.796%	4.398	2.235	3.656	-0.006	1.008	92.725%	0.398
σ		1.076%	0.057	2.814%	0.014	0.092	0.007	0.063	0.073	3.185%	0.134
%RSD		1.183	12.570	3.065	0.313	4.102	0.190	1001.000	7.235	3.435	33.730
Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg	238U

		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:16:03	3.104	1.768	92.798%	93.584%	5.099	1.286	1.137	95.417%	0.000	0.000
2	13:17:48	3.401	1.861	95.862%	96.369%	4.935	1.173	1.017	98.922%	0.000	0.000
3	13:19:33	3.504	1.830	96.603%	97.205%	4.795	1.059	1.011	99.618%	0.000	0.000
x		3.336	1.820	95.088%	95.720%	4.943	1.173	1.055	97.986%	0.000	0.000
σ		0.208	0.047	2.018%	1.896%	0.152	0.113	0.071	2.251%	0.000	0.000
%RSD		6.229	2.601	2.122	1.981	3.072	9.669	6.771	2.298	0.000	0.000

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User Pre-dilution: 2.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:25:12	87.861%	476.600	9.273	9.816	0.000	4874.000	5243.000	5259.000	4602.000	0.000
2	13:26:58	89.263%	465.000	9.479	8.987	0.000	4833.000	5169.000	5191.000	4571.000	0.000
3	13:28:43	88.332%	468.800	9.350	9.052	0.000	4856.000	5176.000	5207.000	4594.000	0.000
x		88.485%	470.100	9.367	9.285	0.000	4854.000	5196.000	5219.000	4589.000	0.000
σ		0.714%	5.929	0.104	0.461	0.000	20.810	41.010	35.750	15.770	0.000
%RSD		0.807	1.261	1.112	4.968	0.000	0.429	0.789	0.685	0.344	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:25:12	4587.000	5366.000	4959.000	87.977%	468.900	M 513.200	450.100	16650.000	M 501.800	5218.000
2	13:26:58	4572.000	5107.000	4943.000	89.147%	467.000	M 526.500	446.200	16830.000	494.900	5204.000
3	13:28:43	4608.000	5190.000	4939.000	88.936%	465.500	M 531.300	446.900	17060.000	498.500	5229.000
x		4589.000	5221.000	4947.000	88.687%	467.100	M 523.700	447.700	16850.000	M 498.400	5217.000
σ		17.950	132.300	10.680	0.624%	1.695	M 9.366	2.063	207.700	M 3.447	12.480
%RSD		0.391	2.534	0.216	0.703	0.363	M 1.788	0.461	1.233	M 0.692	0.239

Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:25:12	5206.000	477.700	485.000	460.900	460.100	470.000	439.800	439.900	427.200	434.900
2	13:26:58	5198.000	470.500	476.400	447.700	456.500	465.000	434.500	436.500	428.200	424.700
3	13:28:43	5201.000	472.300	478.600	449.800	457.000	463.700	434.500	440.200	424.100	428.400
x		5202.000	473.500	480.000	452.800	457.900	466.200	436.300	438.900	426.500	429.300
σ		4.341	3.753	4.467	7.105	1.958	3.317	3.055	2.049	2.113	5.182
%RSD		0.083	0.793	0.930	1.569	0.428	0.712	0.700	0.467	0.495	1.207

Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:25:12	88.713%	466.800	87.488%	182.500	3.486	186.200	450.800	486.600	87.608%	0.169
2	13:26:58	90.161%	466.300	91.085%	186.700	4.106	190.400	451.700	483.400	92.436%	0.186
3	13:28:43	90.822%	463.000	92.154%	185.300	3.927	191.100	454.200	483.100	93.935%	0.193
x		89.899%	465.400	90.242%	184.800	3.840	189.300	452.300	484.400	91.326%	0.183
σ		1.079%	2.065	2.445%	2.120	0.319	2.651	1.736	1.930	3.306%	0.012
%RSD		1.200	0.444	2.709	1.147	8.317	1.401	0.384	0.398	3.620	6.682

Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:25:12	469.800	M 522.700	91.632%	92.307%	444.900	459.300	467.900	93.820%	0.000	0.000
2	13:26:58	471.100	M 520.500	94.526%	94.967%	448.900	477.200	467.400	96.830%	0.000	0.000
3	13:28:43	470.400	M 515.400	95.383%	95.933%	452.100	479.000	468.400	97.862%	0.000	0.000
x		470.400	M 519.500	93.847%	94.402%	448.600	471.900	467.900	96.171%	0.000	0.000
σ		0.625	M 3.733	1.965%	1.878%	3.587	10.900	0.497	2.100%	0.000	0.000
%RSD		0.133	M 0.719	2.094	1.989	0.800	2.309	0.106	2.184	0.000	0.000

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User Pre-dilution: 2.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:43:31	91.400%	0.141	3.426	3.734	0.000	11350.000	6421.000	6459.000	14.640	0.000
2	13:45:16	92.500%	0.099	3.575	3.753	0.000	11380.000	6443.000	6424.000	14.170	0.000
3	13:47:02	93.933%	0.137	4.383	3.386	0.000	11250.000	6377.000	6399.000	14.580	0.000
x		92.611%	0.126	3.795	3.624	0.000	11330.000	6414.000	6428.000	14.460	0.000
σ		1.270%	0.023	0.515	0.207	0.000	71.170	33.790	30.310	0.254	0.000
%RSD		1.372	18.270	13.580	5.706	0.000	0.628	0.527	0.472	1.758	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb

1	13:43:31	2460.000	M 69030.000	M 69910.000	90.775%	3.672	-11.740	8.367	16210.000	297.500	147.200
2	13:45:16	2476.000	M 69100.000	M 70470.000	92.691%	3.739	92.510	6.409	16370.000	295.800	144.900
3	13:47:02	2475.000	M 69390.000	M 70820.000	91.859%	3.934	93.410	6.175	16670.000	299.000	190.600
x		2470.000	M 69170.000	M 70400.000	91.775%	3.782	58.060	6.983	16410.000	297.500	160.900
σ		8.723	M 191.000	M 455.900	0.961%	0.136	60.460	1.204	233.600	1.606	25.710
%RSD		0.353	M 0.276	M 0.648	1.047	3.593	104.100	17.240	1.423	0.540	15.980

Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:43:31	445.400	-0.098	3.507	2.113	48.370	49.910	30.660	1.897	1.845	2.114
2	13:45:16	420.000	-0.135	2.995	1.158	48.100	49.230	30.060	0.856	1.132	2.745
3	13:47:02	474.500	-0.126	2.768	0.928	47.970	48.770	29.780	-0.443	2.068	2.225
x		446.600	-0.120	3.090	1.400	48.150	49.300	30.170	0.770	1.682	2.361
σ		27.310	0.019	0.379	0.628	0.202	0.575	0.448	1.172	0.489	0.337
%RSD		6.115	15.960	12.260	44.860	0.420	1.166	1.486	152.200	29.080	14.260

Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:43:31	89.157%	1.105	87.348%	4.348	2.560	3.584	-0.310	0.744	87.616%	1.593
2	13:45:16	91.612%	1.044	92.184%	4.357	2.386	3.597	-0.194	0.848	93.302%	1.585
3	13:47:02	91.548%	1.016	92.485%	4.358	2.427	3.619	-0.243	0.841	94.378%	1.451
x		90.772%	1.055	90.672%	4.354	2.458	3.600	-0.249	0.811	91.766%	1.543
σ		1.399%	0.045	2.883%	0.005	0.091	0.018	0.059	0.058	3.633%	0.080
%RSD		1.542	4.295	3.179	0.125	3.696	0.492	23.540	7.137	3.960	5.183

Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:43:31	2.749	46.080	91.411%	91.802%	4.738	0.915	1.171	94.550%	0.000	0.000
2	13:45:16	2.730	46.560	95.132%	95.509%	4.626	0.811	1.170	97.795%	0.000	0.000
3	13:47:02	2.878	46.060	96.186%	96.967%	4.552	0.779	1.151	99.082%	0.000	0.000
x		2.786	46.230	94.243%	94.759%	4.639	0.835	1.164	97.142%	0.000	0.000
σ		0.081	0.282	2.508%	2.663%	0.094	0.071	0.011	2.335%	0.000	0.000
%RSD		2.898	0.610	2.661	2.810	2.023	8.536	0.977	2.404	0.000	0.000

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User Pre-dilution: 2.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:52:41	89.095%	0.041	1.767	0.536	0.000	-3.761	26.200	23.150	5.573	0.000
2	13:54:27	90.174%	0.122	1.532	0.754	0.000	-10.460	22.310	19.240	4.845	0.000
3	13:56:12	90.074%	0.112	2.707	0.569	0.000	-10.800	23.790	18.850	4.975	0.000
x		89.781%	0.092	2.002	0.619	0.000	-8.343	24.100	20.410	5.131	0.000
σ		0.596%	0.044	0.622	0.118	0.000	3.972	1.965	2.381	0.389	0.000
%RSD		0.664	48.070	31.040	19.010	0.000	47.600	8.154	11.670	7.575	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:52:41	7.603	57.370	-0.364	88.206%	2.247	-3.768	76.820	12330.000	2.680	230.700
2	13:54:27	5.744	29.330	-17.470	88.241%	2.246	-1.284	41.460	12010.000	1.582	122.300
3	13:56:12	4.908	34.510	-14.530	88.805%	2.198	-1.325	50.480	11730.000	1.801	147.200
x		6.085	40.400	-10.790	88.418%	2.230	-2.126	56.260	12020.000	2.021	166.700
σ		1.379	14.920	9.148	0.336%	0.028	1.422	18.370	300.700	0.581	56.790
%RSD		22.670	36.930	84.790	0.380	1.256	66.900	32.660	2.501	28.750	34.070

Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:52:41	228.400	0.539	30.610	28.110	11.210	12.150	1.968	-0.252	2.889	1.676
2	13:54:27	114.400	0.294	16.270	13.090	7.389	8.312	2.152	1.140	1.887	1.539
3	13:56:12	143.200	0.350	18.790	16.230	8.021	9.196	1.572	0.626	2.152	2.055
x		162.000	0.394	21.890	19.140	8.873	9.887	1.898	0.505	2.309	1.757
σ		59.260	0.128	7.657	7.921	2.048	2.012	0.296	0.704	0.519	0.267
%RSD		36.590	32.530	34.970	41.380	23.080	20.350	15.620	139.500	22.470	15.200

Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:52:41	88.454%	1.382	87.928%	4.319	2.102	3.554	0.068	1.035	87.014%	0.470
2	13:54:27	89.322%	0.808	91.019%	4.339	2.262	3.575	-0.089	0.938	91.859%	0.499
3	13:56:12	89.498%	0.955	91.951%	4.341	2.362	3.590	-0.188	0.872	93.210%	[illegible]

x		89.091%	1.048	90.299%	4.333	2.242	3.573	-0.070	0.949	90.694%	0.474
σ		0.559%	0.298	2.106%	0.012	0.131	0.018	0.129	0.082	3.258%	0.023
%RSD		0.627	28.420	2.332	0.276	5.858	0.501	185.700	8.624	3.593	4.757
Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:52:41	2.572	1.843	90.459%	90.832%	4.403	0.554	0.594	94.823%	0.000	0.000
2	13:54:27	2.722	1.777	93.872%	94.187%	4.320	0.533	0.554	97.652%	0.000	0.000
3	13:56:12	2.694	1.766	94.120%	94.648%	4.306	0.492	0.544	98.532%	0.000	0.000
x		2.663	1.796	92.817%	93.222%	4.343	0.526	0.564	97.002%	0.000	0.000
σ		0.080	0.042	2.046%	2.083%	0.052	0.031	0.027	1.938%	0.000	0.000
%RSD		2.987	2.314	2.204	2.235	1.207	5.945	4.746	1.998	0.000	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:01:49	85.175%	129.900	145.200	149.400	0.000	5181.000	4814.000	4849.000	4984.000	0.000
2	14:03:34	85.160%	127.300	149.900	150.700	0.000	5229.000	4866.000	4885.000	5017.000	0.000
3	14:05:20	84.019%	130.500	152.700	155.300	0.000	5334.000	4946.000	4951.000	5123.000	0.000
x		84.785%	129.200	149.300	151.800	0.000	5248.000	4875.000	4895.000	5041.000	0.000
σ		0.663%	1.667	3.815	3.073	0.000	78.290	66.630	51.360	72.520	0.000
%RSD		0.782	1.290	2.555	2.024	0.000	1.492	1.367	1.049	1.439	0.000
Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:01:49	4911.000	5250.000	4855.000	86.021%	121.600	111.300	121.000	3668.000	128.400	5003.000
2	14:03:34	4978.000	5146.000	4906.000	87.496%	121.900	112.200	119.100	3587.000	128.200	5029.000
3	14:05:20	5055.000	5250.000	4954.000	86.505%	123.600	115.300	119.600	3594.000	129.800	5097.000
x		4981.000	5215.000	4905.000	86.674%	122.300	112.900	119.900	3616.000	128.800	5043.000
σ		71.820	59.960	49.490	0.752%	1.076	2.125	1.017	44.800	0.871	48.830
%RSD		1.442	1.150	1.009	0.867	0.880	1.882	0.849	1.239	0.676	0.968
Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:01:49	4954.000	122.600	127.500	119.800	118.200	120.100	120.300	119.300	122.500	122.400
2	14:03:34	4976.000	122.700	125.500	117.800	119.000	121.000	120.300	121.500	125.000	122.900
3	14:05:20	5036.000	124.700	127.600	118.500	119.300	122.200	122.200	121.900	121.700	123.200
x		4989.000	123.300	126.900	118.700	118.800	121.100	120.900	120.900	123.000	122.800
σ		42.570	1.191	1.170	1.025	0.543	1.034	1.108	1.395	1.714	0.404
%RSD		0.853	0.966	0.922	0.864	0.457	0.854	0.916	1.154	1.393	0.329
Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:01:49	86.066%	122.800	84.048%	114.700	1.818	117.400	117.000	128.100	84.759%	123.200
2	14:03:34	87.637%	124.500	88.881%	118.500	1.980	120.800	119.700	129.700	89.697%	125.200
3	14:05:20	88.255%	124.200	89.535%	118.800	1.970	122.100	121.000	130.400	90.858%	124.800
x		87.319%	123.800	87.488%	117.300	1.923	120.100	119.200	129.400	88.438%	124.400
σ		1.129%	0.886	2.997%	2.310	0.091	2.436	2.036	1.161	3.239%	1.048
%RSD		1.293	0.716	3.425	1.969	4.709	2.028	1.707	0.897	3.662	0.842
Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:01:49	125.700	136.400	88.470%	89.154%	115.000	121.300	121.800	91.871%	0.000	0.000
2	14:03:34	126.800	136.400	91.646%	91.928%	117.500	121.500	122.800	94.925%	0.000	0.000
3	14:05:20	126.300	136.600	92.297%	92.986%	118.600	122.500	123.500	95.281%	0.000	0.000
x		126.300	136.500	90.804%	91.356%	117.000	121.800	122.700	94.026%	0.000	0.000
σ		0.548	0.101	2.047%	1.979%	1.795	0.649	0.862	1.874%	0.000	0.000
%RSD		0.434	0.074	2.255	2.166	1.534	0.533	0.702	1.993	0.000	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:12:50	87.194%	0.047	0.544	0.853	0.000-	9.077	0.494	-2.022	2.975	0.000
2	14:14:36	86.319%	0.032	0.602	0.546	0.000	-11.120	-0.828	-3.158	2.194	0.000
3	14:16:21	86.824%	0.011	0.719	0.741	0.000	-12.390	-0.983	-3.510	1.923	0.000
		86.779%	0.030	0.621	0.714	0.000	-10.870	-0.439	-2.897	2.364	0.000

x											
σ		0.439%	0.019	0.089	0.155	0.000	1.674	0.812	0.778	0.546	0.000
%RSD		0.506	61.730	14.330	21.760	0.000	15.410	184.800	26.850	23.100	0.000
Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:12:50	5.807	-0.665	-27.550	87.058%	1.126	0.858	95.070	3688.000	3.803	354.900
2	14:14:36	6.182	7.968	-28.570	86.648%	1.087	0.949	29.540	3683.000	1.085	102.400
3	14:16:21	4.929	-6.015	-32.340	87.763%	1.093	0.871	15.440	3647.000	0.530	50.500
x		5.639	0.429	-29.490	87.157%	1.102	0.892	46.680	3673.000	1.806	169.300
σ		0.643	7.055	2.522	0.564%	0.021	0.049	42.500	22.430	1.752	162.800
%RSD		11.400	1643.000	8.551	0.647	1.896	5.517	91.030	0.611	96.990	96.210
Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:12:50	354.700	0.915	54.050	48.240	14.320	15.140	0.253	0.217	0.488	0.702
2	14:14:36	105.800	0.248	14.700	12.220	3.398	3.741	0.227	0.149	0.266	0.999
3	14:16:21	53.150	0.129	7.464	6.666	1.346	1.748	0.102	1.184	1.165	1.110
x		171.200	0.431	25.410	22.380	6.356	6.878	0.194	0.517	0.640	0.937
σ		161.100	0.424	25.070	22.570	6.976	7.228	0.081	0.579	0.468	0.211
%RSD		94.080	98.360	98.680	100.900	109.800	105.100	41.600	112.000	73.210	22.530
Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:12:50	85.933%	1.472	84.676%	2.147	1.044	1.764	0.023	0.515	85.547%	0.075
2	14:14:36	87.519%	0.492	89.737%	2.140	1.090	1.759-	0.017	0.476	90.078%	0.022
3	14:16:21	87.636%	0.308	90.121%	2.132	0.981	1.757	0.084	0.549	90.022%	0.010
x		87.029%	0.757	88.178%	2.140	1.038	1.760	0.030	0.513	88.549%	0.035
σ		0.951%	0.626	3.039%	0.008	0.055	0.003	0.051	0.036	2.600%	0.035
%RSD		1.093	82.620	3.447	0.355	5.250	0.197	167.100	7.056	2.936	97.270
Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:12:50	1.062	0.871	88.912%	89.255%	2.359	0.433	0.070	92.940%	0.000	0.000
2	14:14:36	1.041	0.819	90.804%	91.553%	2.297	0.377	0.057	94.381%	0.000	0.000
3	14:16:21	1.030	0.828	91.435%	92.288%	2.242	0.326	0.055	94.818%	0.000	0.000
x		1.044	0.839	90.384%	91.032%	2.299	0.379	0.061	94.047%	0.000	0.000
σ		0.016	0.028	1.313%	1.582%	0.059	0.054	0.009	0.982%	0.000	0.000
%RSD		1.567	3.317	1.453	1.738	2.563	14.150	14.080	1.045	0.000	0.000

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User Pre-dilution: 5.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:20:20	87.570%	51.250	8.088	5.097	0.000	37120.000	31660.000	31660.000	1979.000	0.000
2	14:22:05	88.860%	51.670	5.614	5.166	0.000	37710.000	32050.000	32040.000	1958.000	0.000
3	14:23:51	90.299%	49.920	7.856	5.740	0.000	37740.000	32140.000	32330.000	1973.000	0.000
x		88.909%	50.950	7.186	5.334	0.000	37520.000	31950.000	32010.000	1970.000	0.000
σ		1.365%	0.913	1.366	0.353	0.000	353.700	252.300	337.800	10.560	0.000
%RSD		1.535	1.792	19.010	6.617	0.000	0.943	0.790	1.055	0.536	0.000
Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:20:20	26520.000	M 94310.000	M 88740.000	88.941%	7.461	429.900	M 1636.000	20880.000	857.500	6776.000
2	14:22:05	26940.000	M 95790.000	M 89210.000	90.969%	7.664	439.900	528.900	20270.000	814.600	2465.000
3	14:23:51	27320.000	M 96430.000	M 90810.000	91.445%	7.651	450.100	401.700	20170.000	825.200	1962.000
x		26930.000	M 95510.000	M 89590.000	90.452%	7.592	440.000	M 855.500	20440.000	832.400	3734.000
σ		400.900	M 1089.000	M 1081.000	1.329%	0.114	10.070	M 678.800	384.600	22.320	2646.000
%RSD		1.489	M 1.140	M 1.207	1.470	1.497	2.289	M 79.350	1.881	2.681	70.860
Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:20:20	7221.000	499.800	M 1329.000	1249.000	515.100	524.700	498.800	M 1849.000	M 1930.000	M 1940.000
2	14:22:05	2888.000	490.800	691.000	636.200	327.200	336.000	507.900	M 1888.000	M 1948.000	M 1965.000
3	14:23:51	2393.000	496.900	620.500	577.200	309.800	316.300	510.700	M 1910.000	M 1991.000	M 1990.000
x		4167.000	495.800	M 880.300	820.900	384.000	392.400	505.800	M 1882.000	M 1956.000	M 1965.000
σ		2656.000	4.626	M 390.600	372.200	113.800	115.100	6.257	M 31.180	M 31.220	M 24.630
%RSD		63.740	0.933	M 44.370	45.340	29.640	29.330	1.237	M 1.656	M 1.596	M 1.253

Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:20:20	86.935%	21.570	85.887%	57.330	6.127	56.170	45.700	53.650	86.025%	2.053
2	14:22:05	89.112%	6.345	90.997%	58.750	6.442	58.130	46.430	53.290	91.971%	1.375
3	14:23:51	88.822%	4.484	91.704%	59.010	6.583	59.220	49.070	54.510	92.753%	1.115
x		88.290%	10.800	89.529%	58.360	6.384	57.840	47.070	53.820	90.250%	1.514
σ		1.182%	9.372	3.174%	0.903	0.233	1.541	1.773	0.630	3.679%	0.484
%RSD		1.339	86.790	3.545	1.547	3.653	2.665	3.767	1.170	4.077	31.990

Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:20:20	491.900	M 2160.000	89.255%	90.220%	M 1761.000	M 1891.000	484.800	93.075%	0.000	0.000
2	14:22:05	495.700	M 2167.000	93.055%	93.175%	M 1809.000	M 1935.000	490.300	96.674%	0.000	0.000
3	14:23:51	504.400	M 2196.000	93.419%	93.827%	M 1830.000	M 1967.000	496.800	97.213%	0.000	0.000
x		497.300	M 2174.000	91.910%	92.408%	M 1800.000	M 1931.000	490.600	95.654%	0.000	0.000
σ		6.383	M 18.830	2.306%	1.922%	M 35.240	M 38.410	6.016	2.249%	0.000	0.000
%RSD		1.283	M 0.866	2.509	2.080	M 1.957	M 1.989	1.226	2.352	0.000	0.000

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User Pre-dilution: 5.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:27:50	87.633%	53.450	4.926	7.868	0.000	38270.000	32430.000	32470.000	1989.000	0.000
2	14:29:35	88.187%	51.830	5.486	6.046	0.000	38240.000	32490.000	32520.000	2019.000	0.000
3	14:31:20	88.034%	52.140	6.177	4.696	0.000	37760.000	32060.000	32040.000	1970.000	0.000
x		87.951%	52.470	5.530	6.203	0.000	38090.000	32330.000	32340.000	1992.000	0.000
σ		0.286%	0.860	0.627	1.592	0.000	288.800	231.600	261.800	24.610	0.000
%RSD		0.325	1.640	11.330	25.660	0.000	0.758	0.716	0.810	1.235	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:27:50	27210.000	M 97340.000	M 90470.000	89.382%	7.103	448.300	545.800	20940.000	824.600	2514.000
2	14:29:35	27410.000	M 97030.000	M 98090.000	90.204%	7.156	454.400	331.300	20680.000	818.800	1604.000
3	14:31:20	27040.000	M 95160.000	M 89500.000	90.993%	7.475	449.000	324.200	20630.000	807.300	1573.000
x		27220.000	M 96510.000	M 92690.000	90.193%	7.244	450.600	400.400	20750.000	816.900	1897.000
σ		182.900	M 1182.000	M 4705.000	0.806%	0.201	3.323	125.900	166.200	8.804	534.400
%RSD		0.672	M 1.225	M 5.077	0.894	2.778	0.738	31.450	0.801	1.078	28.170

Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:27:50	3011.000	499.000	712.600	673.000	331.100	342.700	516.700	M 1904.000	M 1972.000	M 1990.000
2	14:29:35	2128.000	495.200	590.300	548.600	292.600	299.800	515.900	M 1895.000	M 1978.000	M 1980.000
3	14:31:20	2036.000	485.600	575.400	534.100	289.000	294.100	508.100	M 1873.000	M 1956.000	M 1936.000
x		2392.000	493.300	626.100	585.200	304.300	312.200	513.600	M 1891.000	M 1969.000	M 1969.000
σ		538.000	6.924	75.270	76.350	23.330	26.580	4.742	M 16.330	M 11.170	M 28.810
%RSD		22.490	1.404	12.020	13.050	7.668	8.515	0.923	M 0.864	M 0.567	M 1.463

Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:27:50	87.326%	6.280	87.252%	58.510	5.324	57.050	48.670	55.050	87.330%	0.989
2	14:29:35	89.226%	2.934	90.629%	59.460	6.495	59.050	48.120	53.590	91.457%	0.752
3	14:31:20	89.571%	3.006	91.129%	58.270	6.292	58.280	48.410	53.400	92.268%	0.854
x		88.708%	4.073	89.670%	58.750	6.037	58.130	48.400	54.010	90.352%	0.865
σ		1.209%	1.911	2.109%	0.630	0.626	1.005	0.277	0.901	2.648%	0.119
%RSD		1.363	46.920	2.352	1.072	10.360	1.730	0.572	1.668	2.931	13.790

Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:27:50	502.700	M 2205.000	90.108%	90.851%	M 1800.000	M 1946.000	495.000	93.748%	0.000	0.000
2	14:29:35	506.300	M 2196.000	92.506%	92.903%	M 1811.000	M 1950.000	495.300	96.072%	0.000	0.000
3	14:31:20	497.300	M 2158.000	93.208%	92.945%	M 1807.000	M 1952.000	493.600	95.407%	0.000	0.000
x		502.100	M 2186.000	91.941%	92.233%	M 1806.000	M 1949.000	494.600	95.075%	0.000	0.000
σ		4.525	M 24.990	1.625%	1.197%	M 5.255	M 3.087	0.948	1.197%	0.000	0.000
%RSD		0.901	M 1.143	1.768	1.298	M 0.291	M 0.158	0.192	1.259	0.000	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:42:48	84.581%	0.060	1.199	1.039	0.000	1208.000	717.700	725.900	14.820	0.000
2	14:44:34	85.944%	0.037	0.806	0.653	0.000	1195.000	716.000	713.800	12.800	0.000
3	14:46:19	86.478%	0.027	1.615	0.818	0.000	1208.000	722.000	722.600	12.430	0.000
x		85.667%	0.041	1.207	0.837	0.000	1203.000	718.600	720.800	13.350	0.000
σ		0.978%	0.017	0.405	0.194	0.000	7.373	3.048	6.270	1.285	0.000
%RSD		1.142	41.010	33.520	23.150	0.000	0.613	0.424	0.870	9.629	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:42:48	262.600	7214.000	6760.000	86.209%	1.319	-1.331	228.000	3199.000	43.260	975.300
2	14:44:34	262.000	7217.000	6773.000	87.376%	1.196	1.413	65.610	2986.000	35.420	274.600
3	14:46:19	261.600	7229.000	6821.000	87.863%	1.311	1.519	33.550	2917.000	34.470	149.400
x		262.100	7220.000	6785.000	87.149%	1.275	0.533	109.000	3034.000	37.710	466.400
σ		0.507	7.685	32.060	0.850%	0.069	1.616	104.200	147.100	4.825	445.100
%RSD		0.194	0.106	0.473	0.976	5.406	302.800	95.590	4.848	12.790	95.430

Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:42:48	998.200	2.567	141.400	134.500	60.780	62.050	7.019	0.401	1.298	1.022
2	14:44:34	319.600	0.786	39.440	35.800	28.590	30.030	6.622	0.629	0.897	1.134
3	14:46:19	190.900	0.392	20.710	18.820	23.120	24.300	6.956	0.774	0.717	1.173
x		502.900	1.248	67.190	63.040	37.490	38.790	6.865	0.601	0.971	1.110
σ		433.800	1.159	64.960	62.460	20.350	20.340	0.213	0.188	0.298	0.078
%RSD		86.250	92.820	96.680	99.080	54.270	52.440	3.106	31.280	30.670	7.063

Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:42:48	83.073%	3.601	82.849%	2.136	1.196	1.765	-0.108	0.415	82.566%	0.818
2	14:44:34	85.222%	1.104	87.509%	2.145	1.144	1.763	-0.061	0.444	87.250%	0.600
3	14:46:19	86.299%	0.658	88.318%	2.136	1.146	1.759	-0.077	0.434	89.325%	0.633
x		84.865%	1.788	86.225%	2.139	1.162	1.762	-0.082	0.431	86.380%	0.684
σ		1.643%	1.586	2.952%	0.005	0.029	0.003	0.024	0.015	3.462%	0.117
%RSD		1.936	88.750	3.423	0.228	2.537	0.171	29.010	3.404	4.008	17.150

Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:42:48	1.052	5.933	84.438%	84.543%	2.681	0.748	0.335	86.672%	0.000	0.000
2	14:44:34	1.021	5.776	87.966%	88.321%	2.516	0.626	0.278	90.804%	0.000	0.000
3	14:46:19	1.021	5.894	89.078%	89.191%	2.460	0.542	0.254	93.032%	0.000	0.000
x		1.032	5.868	87.161%	87.352%	2.553	0.639	0.289	90.169%	0.000	0.000
σ		0.018	0.082	2.422%	2.471%	0.115	0.104	0.042	3.227%	0.000	0.000
%RSD		1.741	1.393	2.779	2.829	4.503	16.210	14.380	3.579	0.000	0.000

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User Pre-dilution: 2.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:50:20	90.485%	0.122	6.515	4.317	0.000	11580.000	6528.000	6587.000	18.680	0.000
2	14:52:05	91.956%	0.080	4.975	4.894	0.000	11740.000	6653.000	6680.000	12.030	0.000
3	14:53:50	93.814%	0.088	4.162	3.766	0.000	11660.000	6589.000	6605.000	10.280	0.000
x		92.085%	0.097	5.217	4.326	0.000	11660.000	6590.000	6624.000	13.660	0.000
σ		1.669%	0.022	1.195	0.564	0.000	80.380	62.600	49.160	4.430	0.000
%RSD		1.812	22.980	22.910	13.050	0.000	0.690	0.950	0.742	32.420	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:50:20	2509.000	M 69270.000	M 70290.000	91.319%	3.709	97.610	M 938.200	16920.000	330.600	4024.000
2	14:52:05	2551.000	M 70610.000	M 71980.000	92.722%	3.488	103.500	308.700	17520.000	307.300	1398.000
3	14:53:50	2527.000	M 70590.000	M 71530.000	94.543%	3.269	100.300	150.600	17460.000	298.900	714.800
x		2529.000	M 70160.000	M 71260.000	92.861%	3.489	100.500	M 465.800	17300.000	312.300	2046.000
σ		21.000	M 766.600	M 873.300	1.617%	0.220	2.938	M 416.600	330.900	16.400	1747.000
%RSD		0.830	M 1.093	M 1.226	1.741	6.297	2.925	M 89.440	1.912	5.252	85.400

Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:50:20	4283.000	10.110	M 575.300	M 542.800	196.900	200.100	22.650	1.868	2.953	2.677

2	14:52:05	1686.000	3.322	194.100	181.300	76.350	77.790	21.700	1.230	2.508	2.169
3	14:53:50	1012.000	1.399	94.270	85.130	43.210	44.260	21.620	0.299	1.326	2.416
x		2327.000	4.942	M 287.900	M 269.800	105.500	107.400	21.990	1.132	2.262	2.421
σ		1727.000	4.574	M 253.900	M 241.300	80.870	82.060	0.572	0.789	0.841	0.254
%RSD		74.220	92.550	M 88.180	M 89.460	76.670	76.400	2.601	69.670	37.180	10.500
Run	**Time**	**89Y**	**95Mo**	**103Rh**	**107Ag**	**108Mo O**	**109Ag**	**111Cd**	**114Cd**	**115In**	**118Sn**
		ppb	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**
1	14:50:20	87.786%	14.930	86.440%	4.344	2.733	3.556	-0.496	0.647	85.916%	1.847
2	14:52:05	90.562%	5.892	91.713%	4.282	2.319	3.529	-0.152	0.861	92.185%	1.198
3	14:53:50	91.302%	3.090	92.741%	4.262	2.590	3.524	-0.370	0.697	94.851%	0.989
x		89.883%	7.969	90.298%	4.296	2.547	3.536	-0.340	0.735	90.984%	1.345
σ		1.854%	6.185	3.380%	0.043	0.210	0.017	0.174	0.112	4.587%	0.448
%RSD		2.062	77.620	3.744	1.003	8.244	0.493	51.220	15.230	5.042	33.300
Run	**Time**	**121Sb**	**137Ba**	**159Tb**	**165Ho**	**203Tl**	**205Tl**	**208Pb**	**209Bi**	**220Bkg**	**238U**
		ppb	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**
1	14:50:20	2.787	46.980	89.667%	89.970%	5.128	1.329	0.989	92.685%	0.000	0.000
2	14:52:05	2.631	47.560	93.763%	94.358%	4.828	1.085	0.810	96.911%	0.000	0.000
3	14:53:50	2.715	47.070	95.397%	95.921%	4.798	0.995	0.787	98.108%	0.000	0.000
x		2.711	47.200	92.942%	93.416%	4.918	1.136	0.862	95.901%	0.000	0.000
σ		0.078	0.312	2.952%	3.085%	0.183	0.173	0.111	2.849%	0.000	0.000
%RSD		2.890	0.661	3.176	3.302	3.717	15.230	12.840	2.971	0.000	0.000

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User Pre-dilution: 2.00

Run	**Time**	**6Li**	**9Be**	**10B**	**11B**	**13C**	**23Na**	**25Mg**	**26Mg**	**27Al**	**37Cl**
		ppb	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**
1	14:59:42	91.787%	0.060	3.537	3.911	0.000	10380.000	3798.000	3826.000	23.710	0.000
2	15:01:28	91.895%	0.060	2.675	3.327	0.000	10410.000	3812.000	3829.000	22.520	0.000
3	15:03:13	91.506%	0.040	3.953	3.586	0.000	10480.000	3840.000	3858.000	22.300	0.000
x		91.729%	0.053	3.388	3.608	0.000	10420.000	3817.000	3838.000	22.840	0.000
σ		0.201%	0.011	0.652	0.293	0.000	51.370	21.610	17.840	0.756	0.000
%RSD		0.219	21.550	19.240	8.110	0.000	0.493	0.566	0.465	3.308	0.000
Run	**Time**	**39K**	**43Ca**	**44Ca**	**45Sc**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**
		ppb	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**
1	14:59:42	648.500	M 36810.000	M 34500.000	92.141%	6.178	90.350	345.200	17080.000	389.700	1622.000
2	15:01:28	641.900	M 35950.000	M 34170.000	94.316%	6.444	94.530	187.400	16740.000	378.000	902.200
3	15:03:13	640.200	M 36540.000	M 34340.000	94.837%	6.216	94.770	151.500	16560.000	378.000	738.500
x		643.500	M 36440.000	M 34340.000	93.765%	6.279	93.220	228.000	16790.000	381.900	1087.000
σ		4.372	M 439.500	M 162.900	1.430%	0.144	2.487	103.000	261.300	6.765	469.700
%RSD		0.679	M 1.206	M 0.474	1.525	2.292	2.668	45.180	1.556	1.771	43.200
Run	**Time**	**57Fe**	**59Co**	**60Ni**	**62Ni**	**63Cu**	**65Cu**	**66Zn**	**75As**	**78Se**	**82Se**
		ppb	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**
1	14:59:42	1754.000	4.259	230.800	216.800	99.870	103.200	M 899.300	2.373	2.415	1.896
2	15:01:28	1029.000	2.055	119.300	111.800	61.520	63.820	M 899.100	0.860	0.508	1.839
3	15:03:13	872.000	1.657	94.030	86.050	53.100	54.620	M 899.600	2.519	0.727	2.335
x		1218.000	2.657	148.000	138.200	71.500	73.870	M 899.300	1.917	1.217	2.023
σ		470.400	1.402	72.760	69.280	24.930	25.790	M 0.208	0.918	1.044	0.271
%RSD		38.610	52.750	49.150	50.120	34.870	34.920	M 0.023	47.900	85.780	13.410
Run	**Time**	**89Y**	**95Mo**	**103Rh**	**107Ag**	**108Mo O**	**109Ag**	**111Cd**	**114Cd**	**115In**	**118Sn**
		ppb	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**
1	14:59:42	89.735%	6.434	88.082%	4.303	2.282	3.581	-0.098	0.920	88.099%	1.079
2	15:01:28	91.534%	3.489	93.849%	4.308	2.686	3.552	-0.485	0.627	93.763%	0.933
3	15:03:13	92.478%	2.768	95.138%	4.303	2.528	3.565	-0.349	0.748	95.769%	0.813
x		91.249%	4.230	92.356%	4.304	2.499	3.566	-0.311	0.765	92.544%	0.942
σ		1.394%	1.942	3.757%	0.003	0.203	0.015	0.197	0.147	3.978%	0.133
%RSD		1.527	45.910	4.068	0.067	8.134	0.410	63.290	19.260	4.298	14.140
Run	**Time**	**121Sb**	**137Ba**	**159Tb**	**165Ho**	**203Tl**	**205Tl**	**208Pb**	**209Bi**	**220Bkg**	**238U**
		ppb	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**
1	14:59:42	2.721	19.290	91.996%	92.423%	4.709	0.915	1.456	96.597%	0.000	0.000
2	15:01:28	2.684	19.390	95.509%	96.118%	4.559	0.776	1.406	99.978%	0.000	0.000
3	15:03:13	2.707	19.760	96.607%	97.212%	4.521	0.699	1.404	101.165%	0.000	0.000
x		2.704	19.480	94.704%	95.251%	4.597	0.797	1.422	99.246%	0.000	0.000

σ	0.018	0.249	2.408%	2.509%	0.099	0.110	0.029	2.370%	0.000	0.000
%RSD	0.676	1.280	2.543	2.634	2.164	13.740	2.062	2.388	0.000	0.000

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User Pre-dilution: 2.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:07:14	92.576%	0.030	3.147	3.640	0.000	10680.000	3809.000	3825.000	7.633	0.000
2	15:09:00	93.529%	0.059	4.229	3.863	0.000	10670.000	3781.000	3810.000	7.308	0.000
3	15:10:45	93.525%	0.039	2.700	4.418	0.000	10760.000	3819.000	3844.000	7.069	0.000
x		93.210%	0.043	3.359	3.974	0.000	10700.000	3803.000	3826.000	7.337	0.000
σ		0.549%	0.015	0.786	0.401	0.000	47.610	19.310	17.490	0.283	0.000
%RSD		0.589	34.810	23.400	10.090	0.000	0.445	0.508	0.457	3.863	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:07:14	660.100	M 37190.000	M 35090.000	93.449%	3.872	89.350	77.770	17040.000	383.500	359.000
2	15:09:00	649.500	M 37040.000	M 34910.000	95.500%	3.571	98.480	46.490	16900.000	381.100	204.200
3	15:10:45	654.600	M 37260.000	M 35140.000	94.942%	3.436	99.820	44.060	16920.000	384.300	193.100
x		654.700	M 37160.000	M 35050.000	94.630%	3.626	95.890	56.110	16950.000	383.000	252.100
σ		5.312	M 109.900	M 121.700	1.060%	0.223	5.700	18.800	75.750	1.687	92.760
%RSD		0.811	M 0.296	M 0.347	1.121	6.154	5.945	33.510	0.447	0.441	36.790

Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:07:14	501.500	0.781	49.630	45.650	26.690	27.900	M 907.300	1.093	2.708	1.413
2	15:09:00	349.700	0.425	29.710	26.350	19.860	21.170	M 906.000	1.464	1.199	1.744
3	15:10:45	339.500	0.410	27.730	23.240	19.060	20.310	M 912.200	0.131	2.078	2.199
x		396.900	0.539	35.690	31.750	21.870	23.130	M 908.500	0.896	1.995	1.785
σ		90.750	0.210	12.120	12.140	4.196	4.155	M 3.262	0.688	0.758	0.395
%RSD		22.860	39.000	33.950	38.240	19.180	17.970	M 0.359	76.770	37.970	22.100

Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:07:14	91.237%	1.596	90.447%	4.270	2.574	3.513	-0.391	0.690	90.138%	0.483
2	15:09:00	92.900%	1.207	93.937%	4.269	2.646	3.519	-0.443	0.662	94.756%	0.447
3	15:10:45	93.408%	1.017	94.773%	4.256	2.441	3.502	-0.276	0.789	95.646%	0.458
x		92.515%	1.273	93.052%	4.265	2.554	3.511	-0.370	0.714	93.513%	0.463
σ		1.136%	0.295	2.295%	0.008	0.104	0.008	0.086	0.067	2.957%	0.018
%RSD		1.228	23.150	2.466	0.177	4.072	0.235	23.160	9.363	3.162	3.914

Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:07:14	2.712	22.170	93.907%	94.523%	4.416	0.587	1.156	97.196%	0.000	0.000
2	15:09:00	2.749	22.630	96.601%	97.048%	4.397	0.566	1.160	99.612%	0.000	0.000
3	15:10:45	2.758	22.210	96.798%	96.790%	4.350	0.532	1.170	100.261%	0.000	0.000
x		2.740	22.330	95.768%	96.120%	4.388	0.562	1.162	99.023%	0.000	0.000
σ		0.024	0.254	1.615%	1.390%	0.034	0.028	0.007	1.615%	0.000	0.000
%RSD		0.881	1.138	1.686	1.446	0.781	4.902	0.596	1.631	0.000	0.000

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User Pre-dilution: 2.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:14:42	96.016%	0.029	2.032	1.982	0.000	-16.860	17.460	12.180	5.168	0.000
2	15:16:27	95.488%	0.067	2.163	1.672	0.000	-15.130	17.680	12.610	5.262	0.000
3	15:18:13	97.027%	0.038	3.047	1.390	0.000	-17.520	18.420	15.010	5.346	0.000
x		96.177%	0.045	2.414	1.681	0.000	-16.510	17.850	13.270	5.259	0.000
σ		0.782%	0.020	0.552	0.296	0.000	1.235	0.503	1.523	0.089	0.000
%RSD		0.813	45.170	22.850	17.600	0.000	7.482	2.816	11.480	1.692	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:14:42	-4.999	23.780	-23.690	92.974%	2.465	158.900	7.962	26800.000	3.100	40.010
2	15:16:27	-6.361	17.380	-19.930	93.632%	2.285	163.900	11.710	26910.000	3.293	64.020
3	15:18:13	-6.787	22.360	-13.080	94.054%	2.313	163.400	19.370	26710.000	3.901	127.100
x		-6.049	21.170	-18.900	93.554%	2.354	162.100	13.010	26810.000	3.431	77.050
		0.934	3.358	5.379	0.544%	0.097	2.771	5.817	101.500	0.418	45.000

σ											
%RSD		15.430	15.860	28.460	0.582	4.115	1.709	44.700	0.379	12.180	58.400
Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:14:42	22.870	0.041	2.166	0.687	11.690	12.630	3.915	0.217	1.127	1.437
2	15:16:27	42.010	0.085	4.960	3.072	12.980	13.930	4.479	0.798	1.478	1.802
3	15:18:13	110.200	0.194	10.180	7.384	14.260	15.350	4.623	-0.062	0.701	1.374
x		58.350	0.107	5.768	3.715	12.980	13.970	4.339	0.318	1.102	1.537
σ		45.890	0.079	4.068	3.394	1.286	1.361	0.374	0.439	0.389	0.231
%RSD		78.640	73.840	70.520	91.370	9.914	9.741	8.626	138.200	35.310	15.030
Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:14:42	92.382%	0.273	91.115%	4.293	2.134	3.513	0.015	0.987	91.091%	1.243
2	15:16:27	93.863%	0.296	96.244%	4.266	2.124	3.505	0.015	0.991	96.330%	1.740
3	15:18:13	94.990%	0.525	97.345%	4.303	2.349	3.545	-0.190	0.820	96.930%	3.596
x		93.745%	0.365	94.901%	4.288	2.202	3.521	-0.053	0.933	94.783%	2.193
σ		1.308%	0.140	3.325%	0.020	0.127	0.021	0.119	0.098	3.212%	1.240
%RSD		1.395	38.240	3.504	0.455	5.757	0.611	222.400	10.480	3.389	56.550
Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:14:42	3.147	1.912	94.134%	94.801%	4.370	0.552	0.291	97.796%	0.000	0.000
2	15:16:27	3.342	1.859	97.420%	97.875%	4.349	0.511	0.293	101.114%	0.000	0.000
3	15:18:13	3.472	1.829	98.466%	98.662%	4.300	0.482	0.299	102.501%	0.000	0.000
x		3.320	1.867	96.673%	97.113%	4.339	0.515	0.295	100.471%	0.000	0.000
σ		0.163	0.042	2.261%	2.040%	0.036	0.035	0.004	2.418%	0.000	0.000
%RSD		4.914	2.235	2.338	2.101	0.831	6.802	1.398	2.407	0.000	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:22:10	85.919%	132.700	149.000	153.700	0.000	5322.000	4946.000	5137.000	5115.000	0.000
2	15:23:55	85.059%	133.900	157.100	160.600	0.000	5424.000	4987.000	5198.000	5193.000	0.000
3	15:25:41	85.386%	131.900	156.500	159.600	0.000	5432.000	4988.000	5230.000	5218.000	0.000
x		85.455%	132.800	154.200	158.000	0.000	5393.000	4974.000	5188.000	5175.000	0.000
σ		0.434%	0.983	4.486	3.704	0.000	61.240	24.140	47.180	54.020	0.000
%RSD		0.508	0.740	2.909	2.344	0.000	1.136	0.485	0.909	1.044	0.000
Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:22:10	5020.000	5203.000	4921.000	88.487%	122.200	113.200	125.200	3739.000	128.400	5068.000
2	15:23:55	5117.000	5328.000	4957.000	89.031%	123.600	113.900	120.600	3654.000	129.900	5102.000
3	15:25:41	5145.000	5338.000	4963.000	88.747%	123.100	113.600	120.300	3674.000	129.900	5119.000
x		5094.000	5290.000	4947.000	88.755%	123.000	113.600	122.000	3689.000	129.400	5096.000
σ		65.530	75.350	22.520	0.272%	0.693	0.334	2.730	44.300	0.867	26.090
%RSD		1.286	1.424	0.455	0.306	0.564	0.294	2.237	1.201	0.670	0.512
Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:22:10	4988.000	123.900	131.500	121.900	120.800	122.600	120.600	121.400	123.600	125.700
2	15:23:55	5015.000	124.700	128.100	118.500	120.300	122.200	121.800	121.700	125.800	123.600
3	15:25:41	5037.000	124.300	128.100	119.700	119.600	121.500	122.500	122.800	123.200	126.200
x		5013.000	124.300	129.200	120.000	120.200	122.100	121.600	122.000	124.200	125.200
σ		24.290	0.402	1.943	1.750	0.603	0.572	0.981	0.776	1.429	1.403
%RSD		0.485	0.324	1.504	1.458	0.501	0.469	0.806	0.636	1.150	1.121
Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:22:10	87.764%	124.000	87.918%	116.100	2.123	118.600	118.100	128.500	87.729%	124.800
2	15:23:55	89.311%	125.700	91.725%	119.000	1.851	121.900	119.500	129.700	92.269%	125.300
3	15:25:41	89.661%	125.100	91.615%	119.100	2.161	123.100	121.200	130.000	92.875%	125.500
x		88.912%	124.900	90.419%	118.000	2.045	121.200	119.600	129.400	90.958%	125.200
σ		1.010%	0.873	2.167%	1.701	0.169	2.347	1.521	0.798	2.812%	0.346
%RSD		1.136	0.699	2.396	1.441	8.283	1.937	1.272	0.617	3.092	0.276
Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg	238U

		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:22:10	126.000	136.700	90.870%	91.465%	116.100	120.000	122.700	94.822%	0.000	0.000
2	15:23:55	125.900	137.900	93.257%	93.360%	117.800	121.600	122.700	97.405%	0.000	0.000
3	15:25:41	127.700	137.000	93.489%	93.591%	118.400	122.400	123.200	97.451%	0.000	0.000
x		126.500	137.200	92.538%	92.805%	117.500	121.400	122.900	96.559%	0.000	0.000
σ		0.970	0.654	1.450%	1.167%	1.206	1.210	0.319	1.504%	0.000	0.000
%RSD		0.766	0.477	1.567	1.257	1.027	0.997	0.259	1.558	0.000	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:31:41	88.728%	0.041	1.159	1.207	0.000	-12.540	-0.012	-2.301	6.230	0.000
2	15:33:26	87.585%	0.031	0.824	1.023	0.000	-12.810	-0.681	-2.679	3.553	0.000
3	15:35:11	87.214%	0.026	1.086	0.754	0.000	-11.250	-0.845	-3.178	2.588	0.000
x		87.842%	0.033	1.023	0.995	0.000	-12.200	-0.513	-2.719	4.124	0.000
σ		0.789%	0.008	0.176	0.228	0.000	0.832	0.442	0.440	1.887	0.000
%RSD		0.898	23.200	17.250	22.940	0.000	6.822	86.140	16.180	45.750	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:31:41	2.623	-1.183	-27.610	89.935%	1.090	-0.584	15.170	3932.000	0.665	58.240
2	15:33:26	4.262	-7.784	-32.020	89.286%	1.060	1.251	10.970	3854.000	0.437	39.580
3	15:35:11	4.280	-2.950	-31.820	88.725%	1.076	0.592	8.222	3863.000	0.314	27.720
x		3.722	-3.972	-30.480	89.315%	1.075	0.420	11.450	3883.000	0.472	41.850
σ		0.952	3.417	2.493	0.605%	0.015	0.929	3.500	42.240	0.178	15.390
%RSD		25.570	86.010	8.178	0.678	1.388	221.500	30.560	1.088	37.660	36.770

Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:31:41	58.790	0.158	8.751	7.228	2.097	2.563	0.392	0.407	0.312	0.787
2	15:33:26	39.980	0.114	5.874	4.290	0.975	1.401	0.201	0.512	0.783	0.898
3	15:35:11	26.870	0.070	4.007	3.299	0.465	0.903	0.128	0.280	0.530	1.038
x		41.880	0.114	6.211	4.939	1.179	1.622	0.240	0.400	0.542	0.908
σ		16.050	0.044	2.389	2.043	0.835	0.852	0.137	0.116	0.236	0.126
%RSD		38.310	38.510	38.470	41.370	70.830	52.490	56.870	29.060	43.570	13.860

Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:31:41	87.411%	0.401	84.753%	2.123	0.985	1.759	0.093	0.567	84.512%	0.045
2	15:33:26	88.124%	0.274	90.317%	2.121	1.156	1.751	-0.082	0.443	89.849%	0.015
3	15:35:11	88.835%	0.214	91.260%	2.131	1.128	1.750	-0.055	0.459	90.588%	0.029
x		88.123%	0.296	88.777%	2.125	1.090	1.753	-0.015	0.490	88.317%	0.030
σ		0.712%	0.095	3.517%	0.006	0.092	0.005	0.094	0.067	3.315%	0.015
%RSD		0.808	32.230	3.961	0.259	8.413	0.284	631.700	13.770	3.754	51.300

Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:31:41	1.052	0.839	88.207%	88.116%	2.178	0.268	0.069	88.381%	0.000	0.000
2	15:33:26	1.054	0.836	90.444%	90.919%	2.160	0.245	0.064	92.293%	0.000	0.000
3	15:35:11	1.050	0.835	91.296%	91.742%	2.151	0.229	0.057	92.213%	0.000	0.000
x		1.052	0.837	89.982%	90.259%	2.163	0.247	0.063	90.962%	0.000	0.000
σ		0.002	0.002	1.595%	1.901%	0.014	0.019	0.006	2.236%	0.000	0.000
%RSD		0.165	0.216	1.773	2.106	0.632	7.849	9.878	2.458	0.000	0.000

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User Pre-dilution: 2.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:39:09	92.107%	487.600	9.781	9.993	0.000	4855.000	5218.000	5221.000	4646.000	0.000
2	15:40:55	90.178%	481.400	10.730	10.040	0.000	4933.000	5207.000	5235.000	4670.000	0.000
3	15:42:40	91.778%	478.600	9.90310.160		0.000	4899.000	5169.000	5196.000	4650.000	0.000
x		91.354%	482.500	10.140	10.060	0.000	4896.000	5198.000	5217.000	4656.000	0.000
σ		1.032%	4.586	0.516	0.086	0.000	38.780	25.630	19.720	12.720	0.000
%RSD		1.129	0.950	5.088	0.853	0.000	0.792	0.493	0.378	0.273	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb

1	15:39:09	4662.000	5366.000	4977.000	90.462%	466.900	M 534.300	453.200	18080.000	M 500.700	5267.000
2	15:40:55	4645.000	5097.000	4943.000	92.103%	465.900	M 534.100	444.200	18260.000	492.900	5212.000
3	15:42:40	4645.000	5245.000	4938.000	92.274%	460.900	M 542.700	450.000	18140.000	490.500	5245.000
x		4650.000	5236.000	4953.000	91.613%	464.600	M 537.000	449.100	18160.000	M 494.700	5241.000
σ		9.811	134.600	21.080	1.001%	3.216	M 4.910	4.572	93.340	M 5.317	27.730
%RSD		0.211	2.571	0.426	1.092	0.692	M 0.914	1.018	0.514	M 1.075	0.529
Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:39:09	5242.000	478.900	487.000	457.400	459.400	469.200	432.700	444.200	434.900	437.000
2	15:40:55	5118.000	470.500	482.200	456.600	453.700	463.800	431.700	440.500	427.900	433.500
3	15:42:40	5145.000	470.300	480.800	450.500	451.300	460.600	429.200	437.800	423.800	429.300
x		5169.000	473.300	483.300	454.800	454.800	464.500	431.200	440.800	428.900	433.300
σ		65.350	4.886	3.259	3.755	4.183	4.313	1.800	3.171	5.628	3.867
%RSD		1.264	1.032	0.674	0.826	0.920	0.928	0.417	0.719	1.312	0.892
Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:39:09	90.212%	470.700	88.527%	181.000	3.661	186.900	446.100	485.200	87.984%	0.172
2	15:40:55	91.301%	464.900	93.787%	185.100	3.856	187.300	446.200	485.600	93.454%	0.169
3	15:42:40	92.055%	466.100	94.007%	186.700	4.177	190.400	447.400	483.400	94.650%	0.157
x		91.189%	467.200	92.107%	184.300	3.898	188.200	446.600	484.800	92.029%	0.166
σ		0.927%	3.045	3.102%	2.937	0.261	1.919	0.727	1.177	3.554%	0.008
%RSD		1.016	0.652	3.368	1.594	6.682	1.020	0.163	0.243	3.862	4.822
Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:39:09	473.200	M 530.500	92.311%	93.122%	443.800	472.700	465.900	97.075%	0.000	0.000
2	15:40:55	469.300	M 522.100	94.953%	95.149%	449.000	480.700	466.500	99.072%	0.000	0.000
3	15:42:40	469.000	M 522.000	95.674%	96.067%	452.000	483.900	466.600	99.459%	0.000	0.000
x		470.500	M 524.900	94.313%	94.779%	448.300	479.100	466.300	98.535%	0.000	0.000
σ		2.341	M 4.873	1.771%	1.507%	4.173	5.774	0.405	1.279%	0.000	0.000
%RSD		0.498	M 0.928	1.878	1.590	0.931	1.205	0.087	1.298	0.000	0.000

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User Pre-dilution: 5.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:46:37	89.195%	51.460	5.406	5.771	0.000	33700.000	29050.000	29100.000	1927.000	0.000
2	15:48:22	89.448%	53.210	6.930	5.119	0.000	33960.000	29210.000	29430.000	1934.000	0.000
3	15:50:07	90.219%	52.740	7.042	5.927	0.000	33590.000	28910.000	28940.000	1914.000	0.000
x		89.621%	52.470	6.459	5.606	0.000	33750.000	29060.000	29160.000	1925.000	0.000
σ		0.533%	0.904	0.914	0.429	0.000	189.300	148.800	247.500	9.754	0.000
%RSD		0.595	1.722	14.150	7.650	0.000	0.561	0.512	0.849	0.507	0.000
Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:46:37	26030.000	M 68050.000	M 63860.000	91.532%	7.459	430.800	198.900	25030.000	691.000	1065.000
2	15:48:22	26250.000	M 67850.000	M 63900.000	93.082%	7.966	435.200	194.900	24480.000	694.300	1050.000
3	15:50:07	26140.000	M 67640.000	M 63450.000	93.032%	6.788	584.600	199.000	24590.000	690.700	1066.000
x		26140.000	M 67850.000	M 63730.000	92.549%	7.405	483.500	197.600	24700.000	692.000	1060.000
σ		111.400	M 209.200	M 244.600	0.881%	0.591	87.540	2.366	289.900	1.983	9.072
%RSD		0.426	M 0.308	M 0.384	0.951	7.979	18.100	1.197	1.174	0.287	0.856
Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:46:37	1370.000	479.700	498.800	450.300	311.700	318.300	573.200	M 1837.000	M 1912.000	M 1904.000
2	15:48:22	1318.000	479.100	493.000	462.500	309.600	315.500	567.800	M 1831.000	M 1891.000	M 1890.000
3	15:50:07	1342.000	473.000	493.800	460.400	307.800	313.100	566.400	M 1817.000	M 1867.000	M 1892.000
x		1343.000	477.300	495.200	457.800	309.700	315.700	569.100	M 1828.000	M 1890.000	M 1895.000
σ		25.910	3.707	3.162	6.525	1.939	2.622	3.583	M 10.280	M 22.520	M 7.521
%RSD		1.929	0.777	0.638	1.425	0.626	0.831	0.630	M 0.563	M 1.191	M 0.397
Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:46:37	90.008%	5.222	89.074%	55.470	5.575	55.460	46.190	52.830	88.973%	2.886
2	15:48:22	91.644%	4.203	93.443%	57.510	5.771	56.440	47.680	52.490	94.213%	3.171
3	15:50:07	91.961%	3.514	94.060%	56.880	6.179	56.850	46.590	52.260	94.219%	3.007

x		91.204%	4.313	92.192%	56.620	5.842	56.250	46.820	52.520	92.469%	3.021
σ		1.048%	0.859	2.718%	1.045	0.308	0.713	0.776	0.286	3.027%	0.143
%RSD		1.149	19.920	2.948	1.845	5.277	1.268	1.656	0.545	3.274	4.737
Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:46:37	486.800	M 2246.000	91.946%	92.144%	M 1785.000	M 1926.000	478.400	96.044%	0.000	0.000
2	15:48:22	485.800	M 2227.000	94.939%	95.105%	M 1811.000	M 1964.000	483.000	98.079%	0.000	0.000
3	15:50:07	487.000	M 2219.000	95.557%	95.710%	M 1785.000	M 1950.000	478.800	98.879%	0.000	0.000
x		486.500	M 2231.000	94.148%	94.320%	M 1794.000	M 1947.000	480.100	97.668%	0.000	0.000
σ		0.627	M 14.000	1.931%	1.909%	M 15.160	M 19.110	2.534	1.461%	0.000	0.000
%RSD		0.129	M 0.628	2.051	2.024	M 0.845	M 0.982	0.528	1.496	0.000	0.000

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User Pre-dilution: 5.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:54:05	90.705%	50.860	8.160	4.697	0.000	33190.000	28780.000	28690.000	1913.000	0.000
2	15:55:50	89.918%	52.120	4.996	5.549	0.000	33770.000	29290.000	29460.000	1926.000	0.000
3	15:57:36	89.924%	50.770	7.242	5.502	0.000	33260.000	28800.000	28880.000	1902.000	0.000
x		90.182%	51.250	6.799	5.249	0.000	33410.000	28960.000	29010.000	1913.000	0.000
σ		0.453%	0.756	1.628	0.479	0.000	316.100	290.800	400.100	12.010	0.000
%RSD		0.502	1.475	23.940	9.118	0.000	0.946	1.004	1.379	0.628	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:54:05	25880.000	M 67310.000	M 63320.000	91.787%	6.593	431.600	191.000	24660.000	692.400	1052.000
2	15:55:50	26300.000	M 68340.000	M 64110.000	92.128%	6.697	435.000	188.400	24550.000	697.300	984.200
3	15:57:36	25930.000	M 67860.000	M 63010.000	92.649%	7.721	425.700	191.200	24630.000	691.700	985.600
x		26040.000	M 67840.000	M 63480.000	92.188%	7.004	430.800	190.200	24610.000	693.800	1007.000
σ		226.200	M 514.900	M 562.400	0.434%	0.624	4.671	1.607	57.460	3.056	38.930
%RSD		0.869	M 0.759	M 0.886	0.471	8.908	1.084	0.845	0.233	0.440	3.865

Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:54:05	1335.000	475.800	489.900	459.000	293.300	302.100	572.600	M 1819.000	M 1875.000	M 1870.000
2	15:55:50	1318.000	478.200	492.500	459.800	295.400	302.100	573.500	M 1831.000	M 1889.000	M 1890.000
3	15:57:36	1328.000	472.600	485.300	452.500	291.900	299.600	566.300	M 1807.000	M 1880.000	M 1869.000
x		1327.000	475.500	489.300	457.100	293.500	301.300	570.800	M 1819.000	M 1881.000	M 1876.000
σ		8.569	2.765	3.656	4.006	1.758	1.462	3.926	M 12.020	M 7.378	M 11.800
%RSD		0.646	0.582	0.747	0.876	0.599	0.485	0.688	M 0.661	M 0.392	M 0.629

Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:54:05	89.885%	2.795	89.121%	55.830	5.724	54.810	45.270	52.050	89.379%	1.899
2	15:55:50	91.245%	2.884	93.293%	57.210	5.807	56.340	47.540	52.140	94.139%	3.717
3	15:57:36	91.737%	3.006	93.614%	56.020	6.014	56.470	46.170	52.470	94.801%	1.862
x		90.956%	2.895	92.009%	56.360	5.848	55.870	46.320	52.220	92.773%	2.493
σ		0.959%	0.106	2.507%	0.750	0.149	0.922	1.142	0.219	2.958%	1.060
%RSD		1.054	3.662	2.724	1.330	2.551	1.650	2.465	0.419	3.188	42.540

Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:54:05	480.800	M 2221.000	91.807%	92.602%	M 1765.000	M 1919.000	475.600	95.707%	0.000	0.000
2	15:55:50	485.400	M 2223.000	94.361%	94.772%	M 1862.000	M 1963.000	479.600	98.048%	0.000	0.000
3	15:57:36	482.100	M 2204.000	95.616%	95.874%	M 1785.000	M 1946.000	475.700	98.599%	0.000	0.000
x		482.800	M 2216.000	93.928%	94.416%	M 1804.000	M 1943.000	477.000	97.451%	0.000	0.000
σ		2.346	M 10.370	1.941%	1.665%	M 50.980	M 22.030	2.272	1.536%	0.000	0.000
%RSD		0.486	M 0.468	2.067	1.763	M 2.826	M 1.134	0.476	1.576	0.000	0.000

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User Pre-dilution: 10.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:09:01	86.297%	0.319	7.609	8.332	0.000	8200.000	4835.000	4869.000	45.070	0.000
2	16:10:46	87.414%	0.157	8.009	3.977	0.000	8217.000	4827.000	4873.000	41.610	0.000
3	16:12:32	89.655%	0.256	11.460	7.216	0.000	8168.000	4871.000	4882.000	42.440	0.000
		87.789%	0.244	9.025	6.508	0.000	8195.000	4844.000	4875.000	43.040	0.000

x											
σ		1.710%	0.081	2.117	2.262	0.000	24.930	23.220	6.365	1.806	0.000
%RSD		1.948	33.340	23.450	34.750	0.000	0.304	0.479	0.131	4.195	0.000
Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:09:01	2176.000	42470.000	40710.000	88.707%	12.000	3.730	147.700	35940.000	207.900	616.200
2	16:10:46	2181.000	43410.000	41070.000	89.631%	11.820	19.300	58.960	34070.000	206.000	248.900
3	16:12:32	2148.000	43540.000	40980.000	91.162%	12.010	18.420	64.070	33690.000	205.000	265.400
x		2168.000	43140.000	40920.000	89.833%	11.940	13.820	90.230	34570.000	206.300	376.800
σ		17.750	582.300	186.400	1.240%	0.106	8.746	49.810	1207.000	1.466	207.400
%RSD		0.818	1.350	0.455	1.380	0.887	63.300	55.200	3.492	0.711	55.050
Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:09:01	846.300	1.621	90.850	81.520	97.760	105.600	141.600	8.035	1.975	10.800
2	16:10:46	477.500	0.702	37.430	30.420	84.850	89.550	146.500	7.186	5.451	8.584
3	16:12:32	493.600	0.923	40.680	28.880	83.550	89.000	145.300	4.685	0.249	11.450
x		605.800	1.082	56.320	46.940	88.720	94.700	144.400	6.635	2.558	10.280
σ		208.500	0.480	29.950	29.960	7.854	9.405	2.556	1.742	2.649	1.504
%RSD		34.410	44.320	53.180	63.820	8.853	9.932	1.770	26.250	103.600	14.630
Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:09:01	87.218%	5.137	87.064%	21.220	11.110	17.510	-0.264	4.785	87.394%	1.755
2	16:10:46	88.492%	3.543	91.395%	21.200	10.740	17.440	-0.039	4.885	91.847%	1.895
3	16:12:32	89.535%	3.459	92.214%	21.320	11.930	17.480	-1.052	4.122	93.483%	2.056
x		88.415%	4.046	90.224%	21.250	11.260	17.480	-0.452	4.597	90.908%	1.902
σ		1.160%	0.945	2.767%	0.063	0.613	0.034	0.532	0.415	3.151%	0.151
%RSD		1.312	23.360	3.067	0.298	5.439	0.194	117.800	9.023	3.467	7.934
Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:09:01	10.530	161.000	89.546%	89.689%	26.920	7.857	2.222	93.826%	0.000	0.000
2	16:10:46	10.360	162.200	92.056%	92.162%	25.680	6.717	2.157	96.240%	0.000	0.000
3	16:12:32	10.280	157.600	93.158%	93.161%	25.160	6.390	2.218	97.775%	0.000	0.000
x		10.390	160.300	91.587%	91.671%	25.920	6.988	2.199	95.947%	0.000	0.000
σ		0.125	2.372	1.851%	1.787%	0.903	0.770	0.036	1.991%	0.000	0.000
%RSD		1.207	1.480	2.021	1.950	3.484	11.020	1.657	2.075	0.000	0.000

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User Pre-dilution: 2.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:16:30	94.915%	0.029	4.373	4.064	0.000	8095.000	4106.000	4118.000	12.990	0.000
2	16:18:16	95.188%	0.029	4.240	3.290	0.000	8156.000	4126.000	4152.000	13.430	0.000
3	16:20:01	95.876%	0.029	3.030	3.631	0.000	8124.000	4093.000	4118.000	13.570	0.000
x		95.327%	0.029	3.881	3.662	0.000	8125.000	4109.000	4130.000	13.330	0.000
σ		0.495%	0.000	0.740	0.388	0.000	30.590	16.740	19.680	0.301	0.000
%RSD		0.519	0.499	19.070	10.610	0.000	0.377	0.408	0.477	2.259	0.000
Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:16:30	2070.000	M 42410.000	M 43130.000	93.964%	3.731	117.800	20.130	21120.000	195.800	87.600
2	16:18:16	2098.000	M 42700.000	M 43850.000	94.730%	3.541	126.100	31.680	21490.000	197.500	135.400
3	16:20:01	2095.000	M 42880.000	M 43980.000	94.587%	3.818	126.400	40.400	21660.000	196.900	171.300
x		2088.000	M 42660.000	M 43650.000	94.427%	3.697	123.400	30.730	21420.000	196.700	131.400
σ		15.890	M 237.900	M 460.100	0.407%	0.142	4.893	10.170	277.100	0.893	42.000
%RSD		0.761	M 0.558	M 1.054	0.431	3.837	3.965	33.080	1.294	0.454	31.950
Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:16:30	267.000	0.089	10.630	8.698	10.930	11.740	98.950	2.647	0.647	2.189
2	16:18:16	310.000	0.180	16.860	12.870	12.490	13.390	99.610	0.785	1.050	2.144
3	16:20:01	333.400	0.291	23.030	19.320	14.500	15.670	97.470	1.694	0.008	2.446
x		303.500	0.187	16.840	13.630	12.640	13.600	98.680	1.709	0.568	2.259
σ		33.650	0.101	6.198	5.350	1.790	1.975	1.093	0.931	0.525	0.163
%RSD		11.090	54.140	36.800	39.250	14.160	14.520	1.108	54.490	92.440	7.223

Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:16:30	90.334%	2.112	89.733%	4.265	2.175	3.494	-0.012	0.971	89.826%	0.432
2	16:18:16	92.671%	2.206	94.135%	4.265	2.413	3.502	-0.226	0.833	95.537%	0.436
3	16:20:01	93.100%	2.362	94.370%	4.257	2.234	3.530	-0.070	0.955	95.835%	0.402
x		92.035%	2.227	92.746%	4.262	2.274	3.509	-0.103	0.919	93.733%	0.423
σ		1.489%	0.126	2.612%	0.004	0.124	0.019	0.111	0.076	3.386%	0.018
%RSD		1.617	5.671	2.817	0.101	5.456	0.545	107.900	8.226	3.613	4.331

Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:16:30	2.614	151.800	92.907%	93.227%	5.058	1.282	1.121	96.938%	0.000	0.000
2	16:18:16	2.739	149.700	95.926%	96.081%	4.942	1.200	1.122	99.524%	0.000	0.000
3	16:20:01	2.700	150.500	96.734%	96.665%	4.869	1.096	1.149	98.958%	0.000	0.000
x		2.685	150.700	95.189%	95.324%	4.957	1.193	1.131	98.473%	0.000	0.000
σ		0.064	1.045	2.017%	1.840%	0.095	0.093	0.016	1.360%	0.000	0.000
%RSD		2.370	0.693	2.119	1.930	1.924	7.802	1.390	1.381	0.000	0.000

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User Pre-dilution: 2.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:24:00	92.753%	0.059	4.321	3.865	0.000	10750.000	6574.000	6575.000	8.901	0.000
2	16:25:46	93.825%	0.078	3.911	3.938	0.000	10650.000	6550.000	6571.000	9.238	0.000
3	16:27:31	94.414%	0.087	4.808	4.656	0.000	10650.000	6561.000	6586.000	8.736	0.000
x		93.664%	0.075	4.346	4.153	0.000	10680.000	6562.000	6577.000	8.958	0.000
σ		0.842%	0.014	0.449	0.437	0.000	58.630	12.260	7.798	0.256	0.000
%RSD		0.899	19.090	10.340	10.520	0.000	0.549	0.187	0.119	2.852	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:24:00	2740.000	M 35040.000	M 32920.000	93.430%	3.932	122.900	25.990	21030.000	M 535.600	1405.000
2	16:25:46	2752.000	M 35150.000	M 33090.000	94.002%	3.816	124.800	39.730	21070.000	M 533.600	1463.000
3	16:27:31	2750.000	M 35020.000	M 33020.000	95.546%	3.843	126.800	22.640	20790.000	M 533.200	1393.000
x		2748.000	M 35070.000	M 33010.000	94.326%	3.864	124.800	29.460	20960.000	M 534.100	1420.000
σ		6.362	M 68.670	M 89.280	1.094%	0.061	1.989	9.055	153.800	M 1.271	37.540
%RSD		0.232	M 0.196	M 0.271	1.160	1.575	1.593	30.740	0.734	M 0.238	2.643

Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:24:00	1500.000	0.632	13.630	12.210	24.670	25.830	29.130	1.173	1.191	2.112
2	16:25:46	1547.000	0.729	21.500	17.410	26.900	28.260	29.310	1.629	0.395	2.336
3	16:27:31	1475.000	0.522	11.270	8.869	24.000	25.290	28.890	0.627	0.507	2.161
x		1508.000	0.628	15.470	12.830	25.190	26.460	29.110	1.143	0.698	2.203
σ		36.460	0.104	5.359	4.305	1.516	1.583	0.211	0.502	0.431	0.118
%RSD		2.418	16.480	34.650	33.560	6.020	5.984	0.724	43.880	61.730	5.338

Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:24:00	89.947%	1.297	88.816%	4.246	2.371	3.491	-0.199	0.842	89.242%	1.109
2	16:25:46	92.387%	1.375	93.081%	4.238	2.334	3.493	-0.136	0.885	94.520%	1.178
3	16:27:31	93.138%	1.169	93.956%	4.278	2.255	3.486	-0.041	0.959	95.955%	1.028
x		91.824%	1.280	91.951%	4.254	2.320	3.490	-0.125	0.895	93.239%	1.105
σ		1.669%	0.104	2.750%	0.021	0.060	0.003	0.080	0.059	3.535%	0.075
%RSD		1.817	8.117	2.991	0.496	2.565	0.099	63.790	6.617	3.791	6.774

Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:24:00	2.810	26.510	91.795%	92.647%	4.699	0.863	1.028	94.672%	0.000	0.000
2	16:25:46	2.812	25.780	95.104%	95.530%	4.639	0.852	1.034	97.896%	0.000	0.000
3	16:27:31	2.790	25.490	96.011%	96.620%	4.621	0.802	1.043	98.918%	0.000	0.000
x		2.804	25.930	94.303%	94.932%	4.653	0.839	1.035	97.162%	0.000	0.000
σ		0.013	0.526	2.219%	2.053%	0.041	0.032	0.007	2.216%	0.000	0.000
%RSD		0.447	2.028	2.354	2.162	0.882	3.870	0.710	2.281	0.000	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:31:29	85.518%	134.600	148.900	153.700	0.000	5394.000	4938.000	4951.000	5156.000	0.000
2	16:33:14	85.299%	131.500	153.000	157.400	0.000	5408.000	4985.000	4980.000	5188.000	0.000
3	16:34:59	85.343%	133.400	154.600	160.000	0.000	5446.000	4979.000	5231.000	5224.000	0.000
x		85.387%	133.200	152.200	157.000	0.000	5416.000	4967.000	5054.000	5190.000	0.000
σ		0.116%	1.577	2.934	3.158	0.000	26.930	25.340	153.700	34.050	0.000
%RSD		0.136	1.184	1.928	2.011	0.000	0.497	0.510	3.040	0.656	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:31:29	5045.000	5284.000	4906.000	89.128%	123.100	113.800	127.800	3751.000	128.600	5112.000
2	16:33:14	5131.000	5268.000	4948.000	89.363%	123.100	113.600	122.000	3711.000	129.000	5139.000
3	16:34:59	5118.000	5226.000	4958.000	89.852%	122.900	114.300	120.700	3678.000	129.200	5112.000
x		5098.000	5259.000	4937.000	89.447%	123.100	113.900	123.500	3714.000	128.900	5121.000
σ		46.490	29.980	27.300	0.369%	0.117	0.348	3.780	36.800	0.274	15.780
%RSD		0.912	0.570	0.553	0.413	0.095	0.306	3.060	0.991	0.212	0.308

Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:31:29	5009.000	123.900	131.400	123.500	121.300	123.500	120.300	121.800	125.600	124.700
2	16:33:14	5014.000	124.400	129.300	122.800	119.800	122.600	120.000	123.200	123.200	125.800
3	16:34:59	4994.000	124.400	129.200	121.000	119.600	122.200	120.000	121.800	122.200	125.500
x		5006.000	124.200	130.000	122.400	120.200	122.800	120.100	122.200	123.700	125.300
σ		10.620	0.274	1.254	1.266	0.977	0.701	0.166	0.802	1.743	0.563
%RSD		0.212	0.221	0.965	1.034	0.812	0.571	0.138	0.656	1.410	0.449

Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:31:29	87.271%	123.800	87.024%	116.700	1.512	118.500	119.100	128.100	87.300%	123.900
2	16:33:14	88.486%	125.000	90.486%	118.900	1.856	122.500	119.900	129.300	91.173%	124.900
3	16:34:59	89.512%	125.000	90.949%	118.400	2.003	122.500	122.000	130.300	92.219%	125.300
x		88.423%	124.600	89.486%	118.000	1.791	121.200	120.300	129.200	90.231%	124.700
σ		1.122%	0.708	2.145%	1.198	0.252	2.314	1.518	1.099	2.591%	0.719
%RSD		1.269	0.568	2.397	1.015	14.070	1.910	1.262	0.850	2.872	0.576

Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:31:29	126.400	137.700	89.654%	90.238%	115.000	119.700	122.000	92.688%	0.000	0.000
2	16:33:14	126.900	137.500	91.997%	92.061%	117.700	121.300	122.600	95.061%	0.000	0.000
3	16:34:59	127.000	137.000	92.579%	92.936%	118.200	122.200	123.500	95.402%	0.000	0.000
x		126.800	137.400	91.410%	91.745%	117.000	121.100	122.700	94.383%	0.000	0.000
σ		0.299	0.388	1.548%	1.376%	1.721	1.276	0.735	1.478%	0.000	0.000
%RSD		0.236	0.283	1.694	1.500	1.471	1.054	0.599	1.566	0.000	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:41:12	84.196%	0.027	1.092	0.964	0.000	-9.889	0.151	-1.864	3.571	0.000
2	16:42:58	85.982%	0.064	0.604	0.850	0.000	-12.340	-0.348	-2.519	2.905	0.000
3	16:44:43	85.141%	0.043	0.885	0.669	0.000	-11.450	-0.257	-2.509	2.780	0.000
x		85.106%	0.045	0.861	0.827	0.000	-11.220	-0.151	-2.297	3.085	0.000
σ		0.894%	0.018	0.245	0.149	0.000	1.239	0.266	0.375	0.425	0.000
%RSD		1.050	41.230	28.490	17.980	0.000	11.040	175.600	16.330	13.790	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:41:12	6.287	0.731	-30.120	88.375%	1.030	2.553	36.530	3102.000	1.753	152.100
2	16:42:58	5.975	-2.204	-32.310	89.106%	1.014	2.489	18.890	3035.000	0.863	77.210
3	16:44:43	6.114	0.234	-32.110	88.839%	1.076	3.456	12.120	3023.000	0.513	48.590
x		6.125	-0.413	-31.510	88.773%	1.040	2.833	22.510	3053.000	1.043	92.630
σ		0.156	1.571	1.211	0.370%	0.032	0.540	12.600	42.710	0.639	53.440
%RSD		2.551	380.100	3.844	0.416	3.087	19.070	55.960	1.399	61.310	57.690

Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:41:12	149.800	0.422	23.290	21.210	6.673	6.822	0.234	0.120	0.099	1.109

2	16:42:58	72.540	0.202	11.210	9.509	2.640	3.121	0.173	0.321	0.290	1.048
3	16:44:43	46.440	0.134	6.821	5.349	1.339	1.711	0.197	0.356	0.208	0.899
x		89.600	0.253	13.770	12.020	3.551	3.884	0.201	0.266	0.199	1.019
σ		53.770	0.151	8.531	8.225	2.781	2.640	0.031	0.127	0.096	0.108
%RSD		60.000	59.600	61.940	68.410	78.330	67.950	15.400	47.900	48.160	10.640
Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:41:12	87.823%	0.662	87.356%	2.142	1.098	1.763	-0.021	0.484	87.171%	0.061
2	16:42:58	88.434%	0.363	90.942%	2.134	1.052	1.761	0.027	0.518	91.384%	0.032
3	16:44:43	88.949%	0.283	91.777%	2.134	1.239	1.762	-0.144	0.396	92.333%	0.025
x		88.402%	0.436	90.025%	2.137	1.129	1.762	-0.046	0.466	90.296%	0.040
σ		0.564%	0.200	2.349%	0.005	0.097	0.001	0.089	0.063	2.748%	0.019
%RSD		0.638	45.840	2.609	0.216	8.615	0.059	193.000	13.440	3.043	47.890
Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:41:12	1.013	0.875	89.824%	90.546%	2.312	0.392	0.075	93.812%	0.000	0.000
2	16:42:58	1.011	0.825	91.578%	91.866%	2.229	0.309	0.070	94.930%	0.000	0.000
3	16:44:43	1.002	0.830	91.488%	91.898%	2.208	0.285	0.071	95.582%	0.000	0.000
x		1.008	0.843	90.963%	91.436%	2.250	0.329	0.072	94.775%	0.000	0.000
σ		0.006	0.027	0.988%	0.772%	0.055	0.056	0.003	0.895%	0.000	0.000
%RSD		0.580	3.221	1.086	0.844	2.455	17.110	3.744	0.944	0.000	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:51:00	83.954%	132.200	151.000	149.500	0.000	5405.000	4996.000	4997.000	5165.000	0.000
2	16:52:45	84.571%	132.500	149.500	151.800	0.000	5426.000	5030.000	5235.000	5181.000	0.000
3	16:54:31	84.600%	135.300	152.300	153.400	0.000	5490.000	5066.000	5266.000	5211.000	0.000
x		84.375%	133.300	150.900	151.600	0.000	5440.000	5030.000	5166.000	5186.000	0.000
σ		0.365%	1.679	1.388	1.953	0.000	44.180	34.930	147.500	23.270	0.000
%RSD		0.433	1.259	0.920	1.289	0.000	0.812	0.694	2.855	0.449	0.000
Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:51:00	5060.000	5269.000	4901.000	88.314%	125.200	113.100	127.200	4000.000	129.300	5087.000
2	16:52:45	5120.000	5286.000	4884.000	90.010%	123.000	114.800	122.800	3827.000	128.500	5077.000
3	16:54:31	5152.000	5297.000	4928.000	89.462%	124.200	115.700	121.900	3813.000	129.700	5144.000
x		5111.000	5284.000	4905.000	89.262%	124.100	114.500	124.000	3880.000	129.200	5103.000
σ		46.830	14.240	22.060	0.866%	1.101	1.324	2.844	104.000	0.589	36.390
%RSD		0.916	0.269	0.450	0.970	0.887	1.156	2.294	2.680	0.456	0.713
Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:51:00	5010.000	124.300	132.200	124.900	121.100	123.500	122.600	122.100	122.200	125.800
2	16:52:45	4952.000	124.200	129.000	122.700	120.200	123.600	122.200	122.500	123.600	126.100
3	16:54:31	4996.000	125.400	129.700	122.600	120.500	121.900	122.900	122.400	125.700	124.800
x		4986.000	124.600	130.300	123.400	120.600	123.000	122.600	122.300	123.800	125.600
σ		30.590	0.687	1.673	1.311	0.417	0.950	0.335	0.194	1.782	0.680
%RSD		0.614	0.551	1.284	1.063	0.346	0.772	0.273	0.159	1.439	0.541
Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:51:00	87.270%	124.800	85.835%	115.200	2.085	119.000	118.500	129.500	85.262%	125.100
2	16:52:45	89.216%	125.200	91.363%	119.400	1.909	121.100	119.700	129.700	91.156%	125.900
3	16:54:31	89.826%	126.200	92.088%	119.800	1.887	123.400	121.100	130.500	91.818%	126.900
x		88.771%	125.400	89.762%	118.100	1.960	121.200	119.800	129.900	89.412%	126.000
σ		1.335%	0.747	3.420%	2.551	0.108	2.181	1.322	0.573	3.609%	0.871
%RSD		1.504	0.595	3.810	2.160	5.522	1.800	1.104	0.441	4.036	0.692
Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:51:00	125.300	137.200	89.126%	89.510%	117.800	121.300	123.600	92.170%	0.000	0.000
2	16:52:45	125.800	137.800	92.189%	92.125%	119.000	123.500	123.600	95.278%	0.000	0.000
3	16:54:31	127.400	139.600	92.293%	92.434%	119.000	123.200	122.800	96.732%	0.000	0.000
x		126.200	138.200	91.203%	91.356%	118.600	122.700	123.400	94.726%	0.000	0.000

σ	1.085	1.219	1.799%	1.606%	0.746	1.162	0.444	2.330%	0.000	0.000
%RSD	0.860	0.882	1.973	1.758	0.629	0.947	0.360	2.460	0.000	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:00:48	85.532%	0.096	2.293	2.160	0.000	-10.950	1.413	-0.137	4.757	0.000
2	17:02:33	86.697%	0.058	1.846	1.539	0.000	-11.950	0.625	-1.653	3.461	0.000
3	17:04:18	85.451%	0.054	1.984	1.455	0.000	-12.360	0.166	-2.098	3.017	0.000
x		85.893%	0.069	2.041	1.718	0.000	-11.750	0.735	-1.296	3.745	0.000
σ		0.697%	0.024	0.229	0.385	0.000	0.726	0.631	1.028	0.904	0.000
%RSD		0.811	33.910	11.220	22.420	0.000	6.172	85.820	79.320	24.150	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:00:48	9.368	-3.384	-30.990	89.065%	1.053	0.685	10.690	3070.000	0.483	40.720
2	17:02:33	7.842	-3.064	-31.620	89.505%	1.052	1.749	9.431	2954.000	0.376	34.770
3	17:04:18	7.459	-2.770	-31.950	90.233%	1.104	2.042	8.970	2918.000	0.339	32.690
x		8.223	-3.073	-31.520	89.601%	1.070	1.492	9.698	2981.000	0.399	36.060
σ		1.010	0.307	0.486	0.590%	0.030	0.714	0.892	79.460	0.075	4.168
%RSD		12.280	10.000	1.541	0.658	2.813	47.850	9.198	2.666	18.730	11.560

Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:00:48	43.010	0.161	5.947	4.898	1.089	1.450	0.288	0.608	0.119	0.988
2	17:02:33	35.830	0.114	5.116	3.970	0.805	1.155	0.195	0.326	0.338	1.475
3	17:04:18	33.260	0.097	4.800	3.941	0.728	1.143	0.054	0.380	0.425	1.215
x		37.360	0.124	5.288	4.270	0.874	1.249	0.179	0.438	0.294	1.226
σ		5.054	0.033	0.592	0.544	0.191	0.174	0.118	0.149	0.158	0.244
%RSD		13.530	26.910	11.200	12.740	21.800	13.910	66.000	34.120	53.590	19.860

Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:00:48	87.427%	0.511	85.864%	2.176	1.137	1.814	0.018	0.526	85.443%	0.110
2	17:02:33	88.919%	0.425	91.348%	2.152	1.124	1.779	-0.015	0.484	91.352%	0.072
3	17:04:18	89.256%	0.358	92.008%	2.146	1.068	1.770	0.014	0.515	92.649%	0.053
x		88.534%	0.431	89.740%	2.158	1.110	1.788	0.006	0.509	89.815%	0.078
σ		0.973%	0.077	3.373%	0.016	0.037	0.023	0.018	0.022	3.841%	0.029
%RSD		1.099	17.850	3.758	0.740	3.293	1.303	299.700	4.264	4.276	37.060

Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:00:48	1.079	0.930	87.694%	88.470%	2.449	0.533	0.130	91.199%	0.000	0.000
2	17:02:33	1.056	0.828	90.904%	91.303%	2.327	0.429	0.094	94.015%	0.000	0.000
3	17:04:18	1.053	0.866	91.566%	91.446%	2.274	0.353	0.079	95.302%	0.000	0.000
x		1.063	0.875	90.055%	90.406%	2.350	0.439	0.101	93.505%	0.000	0.000
σ		0.014	0.052	2.071%	1.679%	0.090	0.091	0.026	2.099%	0.000	0.000
%RSD		1.340	5.914	2.300	1.857	3.815	20.710	25.930	2.244	0.000	0.000

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User Pre-dilution: 2.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:10:37	89.959%	0.356	12.070	10.750	0.000	8693.000	2833.000	2840.000	8551.000	0.000
2	17:12:23	90.767%	0.342	10.390	11.210	0.000	8909.000	2858.000	2852.000	8657.000	0.000
3	17:14:08	91.294%	0.350	10.810	11.240	0.000	8809.000	2831.000	2842.000	8634.000	0.000
x		90.673%	0.349	11.090	11.060	0.000	8804.000	2841.000	2845.000	8614.000	0.000
σ		0.672%	0.007	0.872	0.275	0.000	108.100	15.320	6.577	55.840	0.000
%RSD		0.741	1.910	7.861	2.487	0.000	1.228	0.539	0.231	0.648	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:10:37	647.600	14780.000	14240.000	96.452%	92.920	113.000	13.040	16850.000	375.600	4907.000
2	17:12:23	647.500	14860.000	14290.000	97.450%	92.440	114.900	11.680	16310.000	379.000	4961.000
3	17:14:08	646.600	15110.000	14290.000	98.641%	93.180	107.800	11.530	16010.000	376.800	4938.000
x		647.200	14920.000	14280.000	97.514%	92.850	111.900	12.090	16390.000	377.100	4935.000
		0.540	173.900	29.910	1.096%	0.377	3.688	0.833	425.600	1.769	27.130

σ											
%RSD		0.083	1.166	0.210	1.124	0.406	3.296	6.889	2.597	0.469	0.550
Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:10:37	4864.000	3.031	7.871	6.220	62.680	64.550	51.580	1.747	0.769	2.261
2	17:12:23	4905.000	3.141	7.139	5.228	62.760	63.510	51.840	2.811	-0.388	2.305
3	17:14:08	4893.000	3.077	7.414	5.067	62.940	63.320	52.200	1.542	-0.496	1.613
x		4888.000	3.083	7.475	5.505	62.790	63.790	51.870	2.033	-0.038	2.060
σ		21.220	0.055	0.370	0.625	0.130	0.663	0.312	0.681	0.701	0.388
%RSD		0.434	1.788	4.944	11.340	0.207	1.040	0.601	33.510	1825.000	18.830
Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:10:37	97.015%	0.918	88.109%	4.455	2.510	3.699	-0.096	0.952	88.346%	1.821
2	17:12:23	99.823%	0.856	94.335%	4.420	2.457	3.683	-0.068	0.948	94.787%	1.863
3	17:14:08	100.292%	0.819	95.212%	4.444	2.374	3.692	-0.065	1.055	96.397%	1.738
x		99.043%	0.864	92.552%	4.440	2.447	3.691	-0.077	0.985	93.177%	1.807
σ		1.772%	0.050	3.872%	0.018	0.069	0.008	0.017	0.060	4.260%	0.064
%RSD		1.789	5.786	4.184	0.405	2.805	0.219	22.650	6.124	4.572	3.514
Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:10:37	2.729	56.330	92.433%	92.818%	4.554	0.706	22.480	97.865%	0.000	0.000
2	17:12:23	2.654	56.170	95.965%	96.151%	4.495	0.673	22.920	100.844%	0.000	0.000
3	17:14:08	2.620	56.250	96.695%	97.026%	4.515	0.646	22.950	101.835%	0.000	0.000
x		2.668	56.250	95.031%	95.332%	4.521	0.675	22.780	100.181%	0.000	0.000
σ		0.056	0.080	2.279%	2.220%	0.030	0.030	0.262	2.066%	0.000	0.000
%RSD		2.090	0.143	2.398	2.329	0.663	4.496	1.150	2.062	0.000	0.000

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:20:28	91.917%	0.060	5.015	5.132	0.000	4362.000	2026.000	2028.000	78.840	0.000
2	17:22:13	93.889%	0.108	4.152	4.302	0.000	4339.000	2003.000	2019.000	80.490	0.000
3	17:23:58	95.373%	0.048	6.521	4.604	0.000	4340.000	2009.000	2028.000	77.750	0.000
x		93.726%	0.072	5.229	4.679	0.000	4347.000	2013.000	2025.000	79.030	0.000
σ		1.733%	0.031	1.199	0.420	0.000	12.780	11.890	5.431	1.376	0.000
%RSD		1.849	43.800	22.930	8.971	0.000	0.294	0.591	0.268	1.742	0.000
Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:20:28	951.200	7976.000	7630.000	94.158%	5.561	107.400	12.710	19670.000	14.050	124.100
2	17:22:13	959.900	8047.000	7633.000	94.791%	4.898	118.600	11.310	19750.000	14.150	119.200
3	17:23:58	951.100	7828.000	7598.000	95.969%	5.775	117.900	11.060	19490.000	14.250	117.800
x		954.100	7951.000	7620.000	94.973%	5.411	114.700	11.690	19640.000	14.150	120.400
σ		5.021	111.700	19.770	0.919%	0.457	6.263	0.888	132.400	0.101	3.302
%RSD		0.526	1.406	0.259	0.968	8.449	5.463	7.591	0.674	0.711	2.743
Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:20:28	140.100	0.238	6.964	5.177	32.650	34.250	21.450	1.490	0.588	1.877
2	17:22:13	133.600	0.210	6.149	3.979	31.400	32.380	21.210	-0.015	0.888	1.991
3	17:23:58	139.800	0.200	5.817	3.719	32.440	33.280	20.860	1.287	0.024	2.506
x		137.800	0.216	6.310	4.292	32.160	33.300	21.170	0.921	0.500	2.124
σ		3.640	0.020	0.591	0.778	0.666	0.931	0.300	0.817	0.439	0.335
%RSD		2.641	9.243	9.358	18.110	2.070	2.797	1.416	88.700	87.650	15.790
Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:20:28	92.063%	0.845	90.625%	4.318	2.183	3.558	0.020	1.014	90.231%	0.913
2	17:22:13	94.218%	0.766	96.975%	4.295	2.278	3.562	-0.070	0.970	97.040%	0.884
3	17:23:58	95.725%	0.743	98.055%	4.301	2.176	3.557	-0.001	1.024	99.843%	0.889
x		94.002%	0.785	95.218%	4.304	2.213	3.559	-0.017	1.003	95.705%	0.895
σ		1.841%	0.053	4.014%	0.012	0.057	0.003	0.047	0.029	4.943%	0.015
%RSD		1.958	6.780	4.216	0.277	2.582	0.077	279.900	2.856	5.165	1.720
Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg	238U

		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:20:28	2.571	16.940	93.694%	94.483%	4.259	0.434	1.583	99.700%	0.000	0.000
2	17:22:13	2.596	16.770	97.360%	97.536%	4.280	0.436	1.557	102.337%	0.000	0.000
3	17:23:58	2.609	16.570	98.490%	98.228%	4.281	0.412	1.549	104.015%	0.000	0.000
x		2.592	16.760	96.514%	96.749%	4.273	0.427	1.563	102.017%	0.000	0.000
σ		0.019	0.184	2.507%	1.993%	0.012	0.013	0.018	2.175%	0.000	0.000
%RSD		0.742	1.095	2.598	2.060	0.288	3.128	1.129	2.132	0.000	0.000

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:30:18	92.593%	0.030	4.624	3.697	0.000	7576.000	1079.000	1078.000	166.100	0.000
2	17:32:03	93.841%	0.049	5.058	4.203	0.000	7495.000	1070.000	1080.000	163.500	0.000
3	17:33:49	95.266%	0.058	4.968	4.734	0.000	7544.000	1081.000	1081.000	162.500	0.000
x		93.900%	0.045	4.883	4.211	0.000	7538.000	1077.000	1080.000	164.000	0.000
σ		1.337%	0.014	0.229	0.519	0.000	40.500	5.774	1.198	1.862	0.000
%RSD		1.424	31.590	4.692	12.320	0.000	0.537	0.536	0.111	1.135	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:30:18	321.200	13800.000	13250.000	95.489%	9.450	114.300	32.730	19270.000	345.400	1144.000
2	17:32:03	319.700	14060.000	13300.000	96.339%	9.934	123.000	26.050	19370.000	344.100	1112.000
3	17:33:49	319.400	13790.000	13250.000	96.612%	8.846	123.600	19.860	19380.000	347.000	1093.000
x		320.100	13880.000	13270.000	96.147%	9.410	120.300	26.220	19340.000	345.500	1116.000
σ		0.974	152.500	29.160	0.586%	0.545	5.191	6.434	61.110	1.440	25.480
%RSD		0.304	1.098	0.220	0.609	5.792	4.315	24.540	0.316	0.417	2.282

Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:30:18	1141.000	0.833	18.920	16.480	25.400	26.660	15.030	1.709	0.571	1.210
2	17:32:03	1119.000	0.816	14.440	12.140	24.300	24.680	15.520	0.005	0.304	1.784
3	17:33:49	1089.000	0.701	10.750	7.928	23.060	24.510	15.540	1.648	-1.076	2.269
x		1116.000	0.783	14.700	12.180	24.250	25.280	15.360	1.121	-0.067	1.754
σ		26.390	0.072	4.095	4.277	1.171	1.193	0.286	0.967	0.884	0.530
%RSD		2.365	9.158	27.850	35.110	4.831	4.719	1.864	86.290	1319.000	30.200

Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:30:18	92.406%	0.559	89.870%	4.258	2.383	3.516	-0.204	0.839	89.911%	1.186
2	17:32:03	94.461%	0.454	95.727%	4.279	2.190	3.509	-0.026	0.974	95.681%	1.121
3	17:33:49	94.844%	0.459	96.011%	4.273	2.272	3.502	-0.071	0.918	97.893%	1.168
x		93.904%	0.491	93.869%	4.270	2.282	3.509	-0.100	0.911	94.495%	1.158
σ		1.311%	0.059	3.467%	0.011	0.097	0.007	0.093	0.068	4.121%	0.034
%RSD		1.396	12.030	3.693	0.253	4.230	0.200	92.500	7.428	4.361	2.914

Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:30:18	2.667	24.430	93.556%	93.796%	4.202	0.335	1.241	97.550%	0.000	0.000
2	17:32:03	2.718	24.460	97.223%	97.395%	4.193	0.349	1.264	100.995%	0.000	0.000
3	17:33:49	2.737	24.860	97.979%	98.214%	4.147	0.335	1.252	101.902%	0.000	0.000
x		2.707	24.580	96.253%	96.468%	4.181	0.339	1.252	100.149%	0.000	0.000
σ		0.036	0.237	2.366%	2.350%	0.030	0.008	0.011	2.296%	0.000	0.000
%RSD		1.344	0.963	2.458	2.436	0.708	2.388	0.912	2.293	0.000	0.000

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:40:09	92.494%	0.059	3.760	4.710	0.000	5711.000	2259.000	2267.000	21.820	0.000
2	17:41:55	94.203%	0.117	3.557	3.669	0.000	5725.000	2247.000	2261.000	19.840	0.000
3	17:43:40	94.214%	0.078	4.424	3.994	0.000	5701.000	2251.000	2265.000	20.150	0.000
x		93.637%	0.085	3.914	4.124	0.000	5712.000	2252.000	2264.000	20.600	0.000
σ		0.990%	0.029	0.454	0.532	0.000	12.090	6.133	2.942	1.063	0.000
%RSD		1.057	34.580	11.590	12.910	0.000	0.212	0.272	0.130	5.160	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb

1	17:40:09	1156.000	11140.000	10670.000	95.060%	3.407	113.200	88.070	19520.000	51.900	1539.000
2	17:41:55	1124.000	11190.000	10730.000	95.665%	3.783	125.600	28.920	19580.000	49.770	1290.000
3	17:43:40	1170.000	11250.000	10800.000	95.207%	3.503	127.800	21.640	19870.000	49.810	1264.000
x		1150.000	11190.000	10730.000	95.311%	3.564	122.200	46.210	19650.000	50.490	1364.000
σ		23.400	58.950	66.590	0.316%	0.195	7.848	36.430	185.200	1.218	151.900
%RSD		2.035	0.527	0.620	0.331	5.483	6.421	78.840	0.943	2.413	11.130
Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:40:09	1519.000	0.946	49.990	44.810	71.230	72.900	29.850	1.576	0.561	1.858
2	17:41:55	1273.000	0.340	15.790	13.100	60.660	62.270	30.700	0.144	-0.202	1.708
3	17:43:40	1257.000	0.267	11.380	9.394	59.120	60.550	29.700	0.544	-0.420	2.327
x		1350.000	0.518	25.720	22.430	63.670	65.240	30.090	0.755	-0.021	1.964
σ		147.000	0.373	21.140	19.460	6.590	6.689	0.540	0.739	0.515	0.323
%RSD		10.890	71.980	82.180	86.760	10.350	10.250	1.794	97.950	2501.000	16.430
Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:40:09	91.536%	1.609	89.969%	4.273	2.295	3.496	-0.135	0.908	90.205%	2.053
2	17:41:55	93.895%	0.919	95.634%	4.270	2.194	3.501	-0.030	0.961	96.191%	2.037
3	17:43:40	94.412%	0.778	96.455%	4.254	2.242	3.519	-0.064	0.929	97.635%	2.079
x		93.281%	1.102	94.019%	4.266	2.243	3.505	-0.076	0.933	94.677%	2.056
σ		1.533%	0.444	3.531%	0.010	0.050	0.012	0.054	0.027	3.939%	0.021
%RSD		1.643	40.330	3.756	0.243	2.249	0.343	70.460	2.891	4.161	1.030
Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:40:09	2.548	5.684	93.080%	93.812%	4.155	0.301	1.462	96.983%	0.000	0.000
2	17:41:55	2.663	5.363	96.923%	97.033%	4.139	0.307	1.470	99.974%	0.000	0.000
3	17:43:40	2.673	5.352	97.176%	97.560%	4.149	0.291	1.458	101.343%	0.000	0.000
x		2.628	5.467	95.726%	96.135%	4.148	0.300	1.463	99.433%	0.000	0.000
σ		0.070	0.189	2.295%	2.029%	0.008	0.008	0.006	2.230%	0.000	0.000
%RSD		2.651	3.450	2.398	2.111	0.198	2.623	0.401	2.243	0.000	0.000

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User Pre-dilution: 2.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:49:58	93.866%	0.108	5.133	3.520	0.000	4400.000	2039.000	2053.000	80.170	0.000
2	17:51:44	93.645%	0.108	4.576	4.340	0.000	4400.000	2047.000	2049.000	80.060	0.000
3	17:53:29	94.902%	0.058	5.511	4.353	0.000	4363.000	2021.000	2029.000	79.360	0.000
x		94.138%	0.091	5.074	4.071	0.000	4388.000	2036.000	2044.000	79.870	0.000
σ		0.671%	0.029	0.471	0.477	0.000	21.270	13.110	12.800	0.437	0.000
%RSD		0.713	31.470	9.276	11.720	0.000	0.485	0.644	0.626	0.548	0.000
Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:49:58	954.800	8088.000	7681.000	93.909%	4.739	118.500	14.740	19720.000	14.830	132.100
2	17:51:44	986.700	8014.000	7627.000	95.493%	5.566	128.200	28.100	19670.000	15.320	189.000
3	17:53:29	942.500	7925.000	7639.000	96.198%	5.282	129.600	21.400	19570.000	14.910	158.400
x		961.400	8009.000	7649.000	95.200%	5.196	125.500	21.410	19650.000	15.020	159.900
σ		22.820	81.230	27.970	1.172%	0.420	6.065	6.677	78.690	0.266	28.490
%RSD		2.374	1.014	0.366	1.231	8.087	4.834	31.180	0.400	1.768	17.820
Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:49:58	149.600	0.241	6.658	4.855	46.510	47.410	15.500	0.740	1.186	1.260
2	17:51:44	199.400	0.364	14.660	12.600	47.950	49.600	15.000	0.893	-0.205	1.466
3	17:53:29	172.600	0.304	10.310	8.369	46.600	48.630	14.980	-0.429	0.406	1.878
x		173.900	0.303	10.540	8.609	47.020	48.550	15.160	0.402	0.462	1.535
σ		24.960	0.062	4.005	3.881	0.807	1.100	0.294	0.723	0.697	0.315
%RSD		14.350	20.460	37.990	45.070	1.717	2.266	1.937	180.000	150.800	20.510
Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:49:58	91.430%	0.691	89.945%	4.321	2.149	3.555	0.006	1.014	89.997%	1.374
2	17:51:44	94.294%	0.931	95.738%	4.315	2.144	3.582	0.030	1.045	95.827%	1.466
3	17:53:29	95.563%	0.910	96.964%	4.311	2.234	3.574	-0.077	0.958	98.109%	1.430

x		93.762%	0.844	94.216%	4.316	2.176	3.570	-0.013	1.006	94.644%	1.423
σ		2.117%	0.133	3.749%	0.005	0.051	0.014	0.056	0.044	4.183%	0.046
%RSD		2.258	15.760	3.979	0.110	2.321	0.391	416.100	4.416	4.420	3.238
Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:49:58	2.555	17.090	93.062%	93.699%	4.142	0.281	1.340	96.732%	0.000	0.000
2	17:51:44	2.693	17.240	96.663%	96.726%	4.124	0.274	1.310	100.479%	0.000	0.000
3	17:53:29	2.669	16.730	97.618%	97.657%	4.122	0.270	1.345	100.997%	0.000	0.000
x		2.639	17.020	95.781%	96.027%	4.129	0.275	1.331	99.403%	0.000	0.000
σ		0.074	0.263	2.403%	2.069%	0.011	0.006	0.019	2.327%	0.000	0.000
%RSD		2.790	1.546	2.509	2.155	0.267	2.065	1.436	2.341	0.000	0.000

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User Pre-dilution: 2.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:59:46	93.991%	0.059	6.027	4.030	0.000	8259.000	4190.000	4216.000	8.655	0.000
2	18:01:32	95.725%	0.029	4.368	3.471	0.000	8245.000	4156.000	4163.000	8.758	0.000
3	18:03:17	96.498%	0.067	5.743	4.647	0.000	8202.000	4125.000	4151.000	8.469	0.000
x		95.405%	0.051	5.379	4.049	0.000	8235.000	4157.000	4177.000	8.627	0.000
σ		1.284%	0.020	0.887	0.589	0.000	29.610	32.400	34.900	0.146	0.000
%RSD		1.346	38.870	16.490	14.530	0.000	0.360	0.779	0.836	1.695	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:59:46	2131.000	M 43120.000	M 43800.000	94.922%	3.047	120.900	6.657	20670.000	193.100	37.190
2	18:01:32	2114.000	M 42570.000	M 43740.000	97.188%	3.260	131.200	7.023	21270.000	190.600	36.580
3	18:03:17	2117.000	M 42790.000	M 43950.000	96.835%	3.392	138.700	7.297	21540.000	192.300	36.620
x		2120.000	M 42830.000	M 43830.000	96.315%	3.233	130.300	6.992	21160.000	192.000	36.790
σ		9.145	M 277.700	M 104.200	1.219%	0.174	8.924	0.321	440.900	1.249	0.339
%RSD		0.431	M 0.648	M 0.238	1.266	5.383	6.850	4.594	2.084	0.651	0.920

Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:59:46	201.500	-0.065	3.118	1.036	15.970	17.360	97.630	1.729	0.142	2.107
2	18:01:32	189.800	-0.088	3.161	1.089	15.890	16.940	96.360	2.630	-0.236	1.822
3	18:03:17	188.900	-0.070	3.543	1.109	15.900	16.750	97.420	1.249	-0.328	2.082
x		193.400	-0.074	3.274	1.078	15.920	17.020	97.140	1.869	-0.141	2.004
σ		7.008	0.012	0.234	0.037	0.046	0.310	0.677	0.701	0.249	0.158
%RSD		3.623	16.470	7.150	3.477	0.291	1.824	0.697	37.520	176.900	7.879

Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:59:46	91.944%	1.689	89.021%	4.241	2.321	3.492	-0.145	0.888	89.304%	1.039
2	18:01:32	94.459%	1.645	95.969%	4.266	2.212	3.501	-0.045	0.955	96.044%	1.031
3	18:03:17	95.154%	1.659	95.940%	4.257	2.469	3.501	-0.282	0.811	97.444%	0.994
x		93.852%	1.664	93.643%	4.254	2.334	3.498	-0.158	0.885	94.264%	1.021
σ		1.689%	0.022	4.003%	0.013	0.129	0.005	0.119	0.072	4.352%	0.024
%RSD		1.800	1.347	4.275	0.303	5.521	0.142	75.310	8.125	4.617	2.338

Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:59:46	2.666	151.300	93.009%	93.362%	4.080	0.231	1.279	95.789%	0.000	0.000
2	18:01:32	2.687	150.600	96.378%	96.774%	4.066	0.245	1.290	99.334%	0.000	0.000
3	18:03:17	2.687	149.000	97.311%	97.280%	4.095	0.245	1.270	100.348%	0.000	0.000
x		2.680	150.300	95.566%	95.805%	4.080	0.240	1.280	98.490%	0.000	0.000
σ		0.012	1.184	2.263%	2.131%	0.015	0.008	0.010	2.394%	0.000	0.000
%RSD		0.460	0.788	2.368	2.224	0.363	3.238	0.787	2.431	0.000	0.000

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User Pre-dilution: 2.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:09:34	92.969%	0.049	5.318	4.920	0.000	11020.000	6707.000	6724.000	9.115	0.000
2	18:11:19	94.063%	0.029	5.862	4.374	0.000	10930.000	6670.000	6705.000	9.173	0.000
3	18:13:05	94.376%	0.146	5.466	4.547	0.000	11020.000	6697.000	6723.000	9.083	0.000
		93.803%	0.075	5.549	4.614	0.000	10990.000	6691.000	6717.000	9.124	0.000

x											
σ		0.739%	0.062	0.281	0.279	0.000	51.590	19.370	10.610	0.046	0.000
%RSD		0.788	83.290	5.071	6.046	0.000	0.469	0.290	0.158	0.499	0.000
Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:09:34	2829.000	M 35580.000	M 33650.000	94.610%	3.588	126.300	10.190	21040.000	M 535.900	306.400
2	18:11:19	2836.000	M 35530.000	M 33780.000	95.272%	3.661	134.600	13.700	20980.000	M 536.100	318.900
3	18:13:05	2834.000	M 35560.000	M 33660.000	95.966%	3.549	134.600	13.030	20840.000	M 537.500	348.300
x		2833.000	M 35560.000	M 33700.000	95.283%	3.599	131.900	12.310	20950.000	M 536.500	324.500
σ		3.559	M 24.230	M 73.020	0.678%	0.057	4.826	1.864	103.300	M 0.884	21.500
%RSD		0.126	M 0.068	M 0.217	0.711	1.587	3.660	15.140	0.493	M 0.165	6.624
Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:09:34	439.500	0.409	5.275	3.544	20.120	21.090	36.270	1.044	-0.556	1.838
2	18:11:19	450.400	0.473	7.438	4.886	20.930	21.620	36.210	1.725	-0.979	2.048
3	18:13:05	445.100	0.455	6.863	4.996	20.640	21.430	35.990	1.488	-0.294	1.670
x		445.000	0.446	6.525	4.475	20.560	21.380	36.160	1.419	-0.610	1.852
σ		5.481	0.033	1.121	0.809	0.409	0.267	0.149	0.346	0.346	0.189
%RSD		1.232	7.486	17.170	18.070	1.991	1.250	0.411	24.360	56.700	10.200
Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:09:34	90.424%	0.999	88.487%	4.239	2.461	3.477	-0.274	0.795	88.713%	0.848
2	18:11:19	93.253%	0.973	94.308%	4.228	2.556	3.478	-0.357	0.722	94.932%	0.970
3	18:13:05	93.757%	0.955	95.640%	4.239	2.348	3.479	-0.170	0.879	96.577%	0.898
x		92.478%	0.976	92.812%	4.236	2.455	3.478	-0.267	0.798	93.407%	0.905
σ		1.797%	0.022	3.804%	0.007	0.104	0.001	0.094	0.079	4.148%	0.061
%RSD		1.943	2.271	4.099	0.155	4.234	0.026	35.220	9.840	4.441	6.786
Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:09:34	2.622	24.740	92.221%	92.506%	4.074	0.227	0.850	95.287%	0.000	0.000
2	18:11:19	2.669	24.380	95.695%	95.919%	4.097	0.228	0.859	98.464%	0.000	0.000
3	18:13:05	2.691	24.680	96.364%	96.856%	4.075	0.226	0.852	99.467%	0.000	0.000
x		2.660	24.600	94.760%	95.094%	4.082	0.227	0.854	97.739%	0.000	0.000
σ		0.035	0.191	2.224%	2.289%	0.013	0.001	0.005	2.182%	0.000	0.000
%RSD		1.332	0.777	2.347	2.407	0.322	0.482	0.565	2.232	0.000	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:19:22	85.497%	133.600	142.700	147.200	0.000	5400.000	4947.000	4970.000	5139.000	0.000
2	18:21:07	84.390%	136.300	146.000	152.200	0.000	5510.000	5034.000	5026.000	5218.000	0.000
3	18:22:53	85.904%	132.100	150.400	151.500	0.000	5419.000	4985.000	5246.000	5179.000	0.000
x		85.264%	134.000	146.400	150.300	0.000	5443.000	4988.000	5081.000	5179.000	0.000
σ		0.783%	2.160	3.839	2.673	0.000	59.090	43.380	146.100	39.620	0.000
%RSD		0.919	1.612	2.623	1.778	0.000	1.086	0.870	2.876	0.765	0.000
Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:19:22	5055.000	5281.000	4882.000	88.717%	125.300	114.000	122.500	3985.000	129.600	5098.000
2	18:21:07	5144.000	5234.000	4947.000	89.146%	125.600	114.800	122.600	3884.000	130.200	5156.000
3	18:22:53	5100.000	5200.000	4910.000	89.593%	126.800	114.000	120.800	3877.000	129.300	5159.000
x		5100.000	5238.000	4913.000	89.152%	125.900	114.300	122.000	3915.000	129.700	5138.000
σ		44.280	40.790	32.630	0.438%	0.795	0.459	1.033	60.230	0.454	34.580
%RSD		0.868	0.779	0.664	0.492	0.631	0.402	0.847	1.538	0.350	0.673
Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:19:22	4987.000	124.900	129.700	122.300	120.400	122.900	122.100	122.600	122.000	125.000
2	18:21:07	5009.000	124.700	129.000	124.700	120.300	122.300	122.800	123.100	124.900	124.000
3	18:22:53	4986.000	125.000	129.500	123.500	121.100	122.500	123.400	123.900	124.500	125.600
x		4994.000	124.900	129.400	123.500	120.600	122.600	122.700	123.200	123.800	124.800
σ		12.690	0.161	0.353	1.203	0.441	0.329	0.630	0.703	1.581	0.802
%RSD		0.254	0.129	0.273	0.974	0.366	0.269	0.513	0.570	1.277	0.642

Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:19:22	87.154%	125.100	85.670%	115.600	1.680	119.000	118.100	128.300	85.560%	125.200
2	18:21:07	88.642%	126.700	90.227%	120.400	1.438	122.300	119.600	130.700	90.280%	126.200
3	18:22:53	88.461%	126.900	90.483%	120.500	1.862	124.200	121.400	129.900	91.529%	125.700
x		88.086%	126.200	88.793%	118.900	1.660	121.800	119.700	129.600	89.123%	125.700
σ		0.812%	1.008	2.708%	2.809	0.213	2.643	1.639	1.255	3.148%	0.513
%RSD		0.922	0.799	3.050	2.363	12.830	2.169	1.369	0.968	3.532	0.408

Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:19:22	125.300	138.200	88.625%	89.017%	117.200	121.600	123.300	92.052%	0.000	0.000
2	18:21:07	127.100	139.400	91.045%	91.616%	119.300	123.100	123.500	94.989%	0.000	0.000
3	18:22:53	126.800	138.300	91.856%	91.842%	119.800	123.900	123.700	95.436%	0.000	0.000
x		126.400	138.700	90.509%	90.825%	118.800	122.900	123.500	94.159%	0.000	0.000
σ		0.987	0.674	1.681%	1.570%	1.357	1.172	0.232	1.838%	0.000	0.000
%RSD		0.781	0.486	1.857	1.728	1.142	0.954	0.188	1.952	0.000	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:29:09	86.498%	0.080	1.999	1.890	0.000	-11.970	1.484	-0.019	4.593	0.000
2	18:30:55	84.885%	0.027	1.510	1.950	0.000	-12.150	-0.009	-2.075	3.401	0.000
3	18:32:40	86.404%	0.058	1.693	1.737	0.000	-13.100	0.040	-2.623	2.957	0.000
x		85.929%	0.055	1.734	1.859	0.000	-12.410	0.505	-1.572	3.650	0.000
σ		0.905%	0.026	0.247	0.110	0.000	0.608	0.848	1.373	0.846	0.000
%RSD		1.053	48.150	14.240	5.899	0.000	4.900	167.900	87.300	23.170	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:29:09	9.181	-2.087	-30.480	88.351%	1.170	2.414	10.360	3144.000	0.483	42.330
2	18:30:55	7.357	-5.008	-32.560	89.385%	1.037	1.264	9.615	3088.000	0.390	37.680
3	18:32:40	6.107	-2.305	-32.060	89.712%	1.159	2.698	9.253	3046.000	0.367	36.700
x		7.548	-3.133	-31.700	89.149%	1.122	2.125	9.744	3093.000	0.413	38.910
σ		1.546	1.627	1.086	0.710%	0.074	0.759	0.567	49.130	0.061	3.008
%RSD		20.480	51.930	3.425	0.797	6.578	35.720	5.816	1.589	14.810	7.733

Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:29:09	43.390	0.175	5.708	4.551	0.983	1.300	0.309	0.181	-0.015	0.500
2	18:30:55	36.450	0.116	5.238	4.084	0.808	1.169	0.263	0.025	0.383	0.739
3	18:32:40	35.070	0.100	4.971	3.995	0.706	1.045	0.212	0.620	0.428	1.057
x		38.300	0.130	5.305	4.210	0.832	1.172	0.261	0.276	0.265	0.765
σ		4.458	0.040	0.373	0.299	0.140	0.127	0.048	0.309	0.244	0.280
%RSD		11.640	30.380	7.028	7.095	16.870	10.880	18.430	112.100	91.860	36.550

Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:29:09	86.613%	0.481	85.420%	2.175	1.149	1.802	-0.018	0.495	84.604%	0.094
2	18:30:55	88.528%	0.369	90.820%	2.137	1.125	1.764	-0.011	0.475	89.789%	0.057
3	18:32:40	89.093%	0.322	91.171%	2.135	1.056	1.768	0.028	0.516	91.886%	0.066
x		88.078%	0.391	89.137%	2.149	1.110	1.778	-0.000	0.495	88.760%	0.073
σ		1.300%	0.082	3.224%	0.023	0.048	0.021	0.025	0.021	3.748%	0.019
%RSD		1.476	20.880	3.617	1.053	4.346	1.164	11680.000	4.169	4.223	26.460

Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:29:09	1.064	0.860	86.818%	87.146%	2.361	0.453	0.119	90.120%	0.000	0.000
2	18:30:55	1.020	0.841	90.102%	90.421%	2.268	0.347	0.083	93.412%	0.000	0.000
3	18:32:40	1.030	0.879	90.739%	91.193%	2.214	0.290	0.076	94.214%	0.000	0.000
x		1.038	0.860	89.220%	89.587%	2.281	0.363	0.093	92.582%	0.000	0.000
σ		0.023	0.019	2.105%	2.149%	0.074	0.082	0.023	2.170%	0.000	0.000
%RSD		2.248	2.187	2.359	2.398	3.251	22.670	24.900	2.343	0.000	0.000

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User Pre-dilution: 2.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:38:58	91.480%	0.090	12.730	13.450	0.000	9906.000	2621.000	2627.000	16.990	0.000
2	18:40:43	93.939%	0.078	12.660	13.000	0.000	9875.000	2584.000	2588.000	16.660	0.000
3	18:42:28	93.069%	0.118	12.860	12.850	0.000	9935.000	2611.000	2625.000	17.310	0.000
x		92.830%	0.096	12.750	13.100	0.000	9905.000	2606.000	2613.000	16.990	0.000
σ		1.247%	0.021	0.102	0.312	0.000	30.370	19.460	22.080	0.325	0.000
%RSD		1.343	21.510	0.799	2.381	0.000	0.307	0.747	0.845	1.912	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:38:58	353.000	16450.000	15720.000	91.860%	3.383	135.900	5.951	21980.000	398.300	241.800
2	18:40:43	343.700	16350.000	15510.000	94.505%	3.196	136.500	5.519	21320.000	392.400	232.900
3	18:42:28	344.100	16240.000	15590.000	94.584%	3.340	137.400	6.313	21100.000	396.300	265.300
x		347.000	16350.000	15600.000	93.650%	3.306	136.600	5.928	21470.000	395.700	246.600
σ		5.209	108.900	103.000	1.551%	0.098	0.746	0.397	454.300	3.001	16.770
%RSD		1.501	0.666	0.660	1.656	2.962	0.546	6.702	2.116	0.759	6.798

Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:38:58	290.500	2.055	2.684	0.899	34.740	35.560	19.110	1.831	0.998	2.917
2	18:40:43	278.300	1.957	2.639	0.448	33.730	35.270	19.370	1.289	0.147	1.934
3	18:42:28	286.000	2.097	2.876	1.203	34.540	35.590	19.030	1.536	-1.094	1.593
x		284.900	2.036	2.733	0.850	34.340	35.470	19.170	1.552	0.017	2.148
σ		6.140	0.072	0.126	0.380	0.539	0.174	0.174	0.271	1.052	0.688
%RSD		2.155	3.529	4.605	44.740	1.569	0.490	0.908	17.480	6253.000	32.010

Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:38:58	89.850%	0.392	87.618%	4.225	2.097	3.483	0.167	1.154	87.666%	1.517
2	18:40:43	93.192%	0.333	94.001%	4.239	2.185	3.491	0.122	1.081	93.935%	1.620
3	18:42:28	93.073%	0.362	95.086%	4.244	2.292	3.486	0.021	1.045	96.082%	1.507
x		92.039%	0.362	92.235%	4.236	2.192	3.487	0.103	1.093	92.561%	1.548
σ		1.896%	0.029	4.035%	0.010	0.098	0.004	0.075	0.056	4.373%	0.062
%RSD		2.060	8.092	4.375	0.231	4.466	0.115	72.240	5.098	4.724	4.023

Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl20	5Tl	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:38:58	2.616	30.000	90.691%	90.771%	4.290	0.438	1.173	95.087%	0.000	0.000
2	18:40:43	2.671	30.250	95.001%	94.842%	4.261	0.412	1.180	98.500%	0.000	0.000
3	18:42:28	2.694	30.080	95.980%	96.341%	4.212	0.381	1.194	99.939%	0.000	0.000
x		2.661	30.110	93.891%	93.985%	4.254	0.410	1.182	97.842%	0.000	0.000
σ		0.040	0.127	2.814%	2.882%	0.040	0.028	0.010	2.492%	0.000	0.000
%RSD		1.505	0.420	2.997	3.066	0.930	6.908	0.878	2.547	0.000	0.000

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User Pre-dilution: 2.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:48:46	92.555%	0.040	5.054	5.088	0.000	4427.000	2036.000	2020.000	8.238	0.000
2	18:50:32	93.768%	0.059	5.286	5.170	0.000	4472.000	2023.000	2029.000	8.901	0.000
3	18:52:17	95.140%	0.019	4.328	4.878	0.000	4380.000	1995.000	2019.000	8.498	0.000
x		93.821%	0.039	4.889	5.045	0.000	4426.000	2018.000	2023.000	8.546	0.000
σ		1.293%	0.020	0.500	0.151	0.000	46.030	20.850	5.754	0.334	0.000
%RSD		1.378	50.290	10.230	2.985	0.000	1.040	1.033	0.284	3.909	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:48:46	991.500	7859.000	7640.000	94.227%	3.332	124.500	9.489	20760.000	12.840	37.010
2	18:50:32	969.500	7975.000	7729.000	94.818%	3.018	133.100	12.470	20650.000	13.370	49.790
3	18:52:17	950.000	7799.000	7564.000	96.450%	3.085	131.400	12.100	20250.000	13.170	46.310
x		970.300	7878.000	7645.000	95.165%	3.145	129.600	11.350	20550.000	13.130	44.370
σ		20.760	89.170	82.490	1.151%	0.165	4.565	1.626	268.200	0.264	6.609
%RSD		2.140	1.132	1.079	1.210	5.254	3.521	14.320	1.305	2.008	14.890

Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:48:46	49.970	0.148	5.003	2.792	26.040	26.920	17.560	0.597	0.462	2.262

2	18:50:32	59.030	0.194	6.741	4.976	26.330	27.520	17.000	0.953	-0.436	1.934
3	18:52:17	59.110	0.168	6.357	4.063	26.590	27.900	17.250	0.214	-0.781	1.654
x		56.030	0.170	6.034	3.944	26.320	27.450	17.270	0.588	-0.252	1.950
σ		5.255	0.023	0.913	1.097	0.276	0.494	0.279	0.370	0.641	0.304
%RSD		9.377	13.700	15.140	27.810	1.049	1.800	1.615	62.860	254.800	15.600
Run	**Time**	**89Y**	**95Mo**	**103Rh**	**107Ag**	**108Mo O**	**109Ag**	**111Cd**	**114Cd**	**115In**	**118Sn**
		ppb	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**
1	18:48:46	91.538%	0.697	89.942%	4.252	2.387	3.508	-0.191	0.833	89.204%	1.425
2	18:50:32	93.803%	0.772	95.706%	4.272	2.188	3.514	0.026	0.981	95.870%	1.491
3	18:52:17	94.724%	0.690	96.999%	4.268	2.375	3.521	-0.153	0.895	97.458%	1.396
x		93.355%	0.720	94.216%	4.264	2.317	3.514	-0.106	0.903	94.177%	1.437
σ		1.639%	0.045	3.757%	0.011	0.111	0.007	0.116	0.075	4.380%	0.049
%RSD		1.756	6.311	3.988	0.253	4.809	0.191	109.700	8.249	4.651	3.394
Run	**Time**	**121Sb**	**137Ba**	**159Tb**	**165Ho**	**203Tl**	**205Tl**	**208Pb**	**209Bi**	**220Bkg**	**238U**
		ppb	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**
1	18:48:46	2.556	17.110	92.418%	92.530%	4.112	0.303	1.475	96.448%	0.000	0.000
2	18:50:32	2.631	16.860	95.649%	96.322%	4.135	0.305	1.435	99.829%	0.000	0.000
3	18:52:17	2.645	16.860	97.033%	97.666%	4.125	0.274	1.482	101.606%	0.000	0.000
x		2.611	16.950	95.033%	95.506%	4.124	0.294	1.464	99.294%	0.000	0.000
σ		0.048	0.145	2.368%	2.663%	0.012	0.018	0.025	2.620%	0.000	0.000
%RSD		1.831	0.855	2.492	2.789	0.280	5.956	1.721	2.639	0.000	0.000

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User Pre-dilution: 2.00

Run	**Time**	**6Li**	**9Be**	**10B**	**11B**	**13C**	**23Na**	**25Mg**	**26Mg**	**27Al**	**37Cl**
		ppb	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**
1	18:58:36	94.641%	0.068	6.605	4.607	0.000	7611.000	1112.000	1107.000	10.590	0.000
2	19:00:21	95.420%	0.058	4.709	5.010	0.000	7589.000	1109.000	1114.000	10.650	0.000
3	19:02:07	93.781%	0.039	4.758	4.873	0.000	7703.000	1120.000	1116.000	10.540	0.000
x		94.614%	0.055	5.358	4.830	0.000	7634.000	1114.000	1112.000	10.590	0.000
σ		0.820%	0.015	1.080	0.205	0.000	60.460	5.365	4.681	0.055	0.000
%RSD		0.866	26.590	20.170	4.237	0.000	0.792	0.482	0.421	0.519	0.000
Run	**Time**	**39K**	**43Ca**	**44Ca**	**45Sc**	**47Ti**	**51V**	**52Cr**	**53Cl O**	**55Mn**	**56Fe**
		ppb	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**
1	18:58:36	325.500	14680.000	13960.000	95.762%	3.740	114.600	11.660	19680.000	346.200	96.880
2	19:00:21	325.700	14620.000	14030.000	95.926%	3.692	129.800	19.550	19620.000	349.200	131.700
3	19:02:07	326.700	14840.000	14090.000	96.344%	3.399	130.000	22.810	19430.000	349.000	146.900
x		326.000	14710.000	14030.000	96.011%	3.610	124.800	18.010	19570.000	348.100	125.200
σ		0.642	114.600	64.330	0.300%	0.185	8.805	5.732	130.200	1.674	25.650
%RSD		0.197	0.779	0.459	0.313	5.111	7.055	31.830	0.665	0.481	20.500
Run	**Time**	**57Fe**	**59Co**	**60Ni**	**62Ni**	**63Cu**	**65Cu**	**66Zn**	**75As**	**78Se**	**82Se**
		ppb	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**
1	18:58:36	141.000	0.453	9.718	7.176	13.610	14.600	24.010	0.286	-0.548	1.916
2	19:00:21	173.600	0.539	14.090	12.260	14.740	15.850	24.300	1.279	0.105	1.765
3	19:02:07	188.400	0.591	16.330	15.010	15.640	16.520	23.990	0.932	-0.755	1.970
x		167.600	0.528	13.380	11.480	14.660	15.650	24.100	0.832	-0.399	1.884
σ		24.250	0.070	3.364	3.974	1.021	0.974	0.172	0.504	0.449	0.106
%RSD		14.470	13.240	25.140	34.610	6.963	6.220	0.713	60.540	112.400	5.645
Run	**Time**	**89Y**	**95Mo**	**103Rh**	**107Ag**	**108Mo O**	**109Ag**	**111Cd**	**114Cd**	**115In**	**118Sn**
		ppb	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**
1	18:58:36	92.159%	0.277	90.525%	4.228	2.215	3.479	-0.053	0.958	90.124%	0.585
2	19:00:21	94.129%	0.355	96.077%	4.232	2.372	3.469	-0.172	0.852	96.868%	0.704
3	19:02:07	95.371%	0.488	96.755%	4.246	2.086	3.477	0.074	1.063	97.604%	0.659
x		93.886%	0.373	94.452%	4.235	2.224	3.475	-0.050	0.958	94.865%	0.649
σ		1.620%	0.107	3.418%	0.009	0.143	0.005	0.123	0.105	4.123%	0.060
%RSD		1.725	28.540	3.619	0.216	6.423	0.140	244.300	11.000	4.346	9.259
Run	**Time**	**121Sb**	**137Ba**	**159Tb**	**165Ho**	**203Tl20**	**5Tl**	**208Pb**	**209Bi**	**220Bkg**	**238U**
		ppb	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**
1	18:58:36	2.567	21.290	92.831%	93.246%	4.101	0.234	1.431	96.957%	0.000	0.000
2	19:00:21	2.636	20.870	96.130%	96.718%	4.069	0.232	1.423	100.104%	0.000	0.000
3	19:02:07	2.648	20.490	97.467%	97.687%	4.069	0.231	1.408	101.634%	0.000	0.000
x		2.617	20.880	95.476%	95.884%	4.080	0.232	1.421	99.565%	0.000	0.000

σ	0.044	0.396	2.387%	2.335%	0.019	0.002	0.011	2.384%	0.000	0.000
%RSD	1.676	1.897	2.500	2.435	0.457	0.647	0.796	2.395	0.000	0.000

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User Pre-dilution: 2.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:08:26	94.796%	0.077	5.635	4.647	0.000	5680.000	2211.000	2228.000	8.325	0.000
2	19:10:11	95.069%	0.048	4.787	4.943	0.000	5739.000	2214.000	2209.000	8.241	0.000
3	19:11:57	94.818%	0.048	3.901	4.907	0.000	5738.000	2205.000	2217.000	8.285	0.000
x		94.894%	0.058	4.774	4.833	0.000	5719.000	2210.000	2218.000	8.284	0.000
σ		0.152%	0.017	0.867	0.162	0.000	33.760	4.334	9.227	0.042	0.000
%RSD		0.160	29.030	18.160	3.341	0.000	0.590	0.196	0.416	0.505	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:08:26	1171.000	11470.000	10790.000	95.197%	3.461	122.100	9.186	19570.000	45.630	585.900
2	19:10:11	1180.000	11250.000	10800.000	96.451%	3.142	125.200	9.447	19650.000	45.830	584.300
3	19:11:57	1173.000	11350.000	10790.000	96.636%	3.139	131.600	9.745	19640.000	46.210	583.900
x		1175.000	11360.000	10790.000	96.095%	3.247	126.300	9.460	19620.000	45.890	584.700
σ		4.850	107.000	4.035	0.783%	0.185	4.848	0.280	45.490	0.296	1.038
%RSD		0.413	0.942	0.037	0.815	5.704	3.839	2.956	0.232	0.645	0.178

Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:08:26	629.300	0.111	5.498	3.180	45.220	46.830	33.700	0.672	0.314	1.954
2	19:10:11	615.900	0.136	5.323	3.556	44.230	45.660	33.300	1.092	0.096	1.319
3	19:11:57	611.300	0.115	5.448	3.997	44.240	46.280	33.360	0.469	0.416	1.490
x		618.800	0.121	5.423	3.578	44.560	46.260	33.460	0.744	0.276	1.587
σ		9.377	0.014	0.090	0.409	0.570	0.589	0.215	0.318	0.164	0.329
%RSD		1.515	11.210	1.658	11.430	1.279	1.273	0.643	42.730	59.500	20.700

Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:08:26	92.684%	0.542	91.125%	4.215	2.393	3.484	-0.209	0.791	90.531%	1.721
2	19:10:11	94.668%	0.651	96.485%	4.220	2.467	3.476	-0.259	0.769	96.704%	1.770
3	19:11:57	95.580%	0.562	96.958%	4.251	2.289	3.485	-0.105	0.924	97.593%	1.839
x		94.311%	0.585	94.856%	4.229	2.383	3.481	-0.191	0.828	94.943%	1.776
σ		1.481%	0.058	3.240%	0.019	0.090	0.005	0.078	0.084	3.847%	0.059
%RSD		1.570	9.916	3.416	0.460	3.759	0.136	41.030	10.100	4.052	3.345

Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:08:26	2.652	5.568	93.440%	93.762%	4.062	0.196	1.220	97.181%	0.000	0.000
2	19:10:11	2.703	5.144	96.659%	96.405%	4.067	0.197	1.268	99.806%	0.000	0.000
3	19:11:57	2.695	5.467	97.141%	97.489%	4.054	0.196	1.280	101.514%	0.000	0.000
x		2.683	5.393	95.747%	95.885%	4.061	0.196	1.256	99.500%	0.000	0.000
σ		0.027	0.222	2.012%	1.917%	0.007	0.001	0.032	2.182%	0.000	0.000
%RSD		1.020	4.111	2.101	2.000	0.161	0.401	2.524	2.193	0.000	0.000

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User Pre-dilution: 2.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:18:16	94.079%	0.059	4.941	4.558	0.000	4338.000	2022.000	2019.000	7.649	0.000
2	19:20:01	94.989%	0.068	4.496	4.933	0.000	4408.000	2020.000	2032.000	7.806	0.000
3	19:21:47	95.034%	0.106	4.946	4.601	0.000	4386.000	2030.000	2050.000	7.496	0.000
x		94.701%	0.077	4.794	4.697	0.000	4377.000	2024.000	2034.000	7.650	0.000
σ		0.539%	0.025	0.258	0.205	0.000	35.710	5.501	15.540	0.155	0.000
%RSD		0.569	32.710	5.388	4.373	0.000	0.816	0.272	0.764	2.026	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:18:16	938.300	7836.000	7602.000	95.591%	3.556	119.900	13.620	19440.000	13.100	54.500
2	19:20:01	945.000	7980.000	7629.000	96.093%	3.560	120.600	12.940	19740.000	13.090	51.810
3	19:21:47	950.300	8041.000	7658.000	96.048%	3.032	126.800	13.150	19720.000	13.080	52.320
x		944.500	7952.000	7630.000	95.910%	3.383	122.400	13.240	19630.000	13.090	52.880
		6.009	105.300	28.180	0.278%	0.303	3.835	0.344	166.800	0.011	[illegible]

σ		0.636	1.324	0.369	0.290	8.973	3.133	2.601	0.850	0.084	2.711
%RSD											
Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:18:16	66.670	0.229	8.138	6.555	19.730	20.740	21.400	1.266	0.962	2.507
2	19:20:01	64.870	0.242	7.891	6.090	19.460	20.610	21.450	0.301	-0.118	2.046
3	19:21:47	65.380	0.213	7.651	5.463	19.610	21.310	22.010	0.221	-0.602	1.154
x		65.640	0.228	7.893	6.036	19.600	20.890	21.620	0.596	0.081	1.902
σ		0.931	0.014	0.243	0.548	0.136	0.373	0.340	0.582	0.800	0.688
%RSD		1.418	6.253	3.081	9.078	0.695	1.784	1.571	97.560	992.100	36.150
Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:18:16	92.306%	0.732	90.345%	4.245	2.387	3.484	-0.169	0.865	90.406%	0.438
2	19:20:01	94.805%	0.739	97.045%	4.267	2.185	3.494	-0.016	1.008	97.124%	0.449
3	19:21:47	95.298%	0.738	97.803%	4.255	2.162	3.501	0.019	1.021	98.511%	0.404
x		94.136%	0.736	95.064%	4.256	2.245	3.493	-0.055	0.965	95.347%	0.430
σ		1.604%	0.004	4.105%	0.011	0.124	0.008	0.100	0.086	4.335%	0.024
%RSD		1.704	0.545	4.318	0.253	5.520	0.243	180.200	8.937	4.547	5.496
Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:18:16	2.595	16.470	92.782%	93.534%	4.034	0.184	0.991	96.705%	0.000	0.000
2	19:20:01	2.637	16.680	96.761%	96.967%	4.040	0.187	0.985	100.651%	0.000	0.000
3	19:21:47	2.614	16.770	97.793%	97.680%	4.021	0.183	0.999	101.749%	0.000	0.000
x		2.615	16.640	95.779%	96.060%	4.032	0.185	0.992	99.702%	0.000	0.000
σ		0.021	0.154	2.646%	2.217%	0.009	0.002	0.007	2.653%	0.000	0.000
%RSD		0.818	0.924	2.763	2.308	0.235	1.206	0.688	2.661	0.000	0.000

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User Pre-dilution: 2.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:28:06	95.093%	0.039	6.602	5.042	0.000	8277.000	4112.000	4164.000	12.440	0.000
2	19:29:52	95.839%	0.019	5.002	5.036	0.000	8320.000	4148.000	4158.000	12.160	0.000
3	19:31:37	97.345%	0.047	5.259	5.320	0.000	8261.000	4092.000	4104.000	12.180	0.000
x		96.092%	0.035	5.621	5.133	0.000	8286.000	4117.000	4142.000	12.260	0.000
σ		1.147%	0.014	0.859	0.162	0.000	30.350	28.680	33.130	0.157	0.000
%RSD		1.194	41.080	15.290	3.160	0.000	0.366	0.697	0.800	1.276	0.000
Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:28:06	2132.000	M 42870.000	M 44380.000	95.977%	3.535	121.700	5.579	20630.000	195.800	42.180
2	19:29:52	2140.000	M 43010.000	M 44130.000	97.653%	3.647	135.500	7.066	21170.000	195.500	47.160
3	19:31:37	2145.000	M 43240.000	M 44180.000	97.187%	3.838	142.700	8.746	21440.000	195.200	49.940
x		2139.000	M 43040.000	M 44230.000	96.939%	3.673	133.300	7.130	21080.000	195.500	46.420
σ		6.401	M 187.600	M 133.500	0.865%	0.153	10.660	1.585	414.400	0.289	3.930
%RSD		0.299	M 0.436	M 0.302	0.892	4.171	8.001	22.220	1.966	0.148	8.464
Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:28:06	196.400	-0.074	3.558	1.743	5.188	6.090	101.200	1.697	0.961	1.194
2	19:29:52	192.200	-0.093	4.693	2.460	5.371	6.414	100.900	1.615	0.014	1.933
3	19:31:37	200.400	-0.021	5.546	3.938	5.761	6.501	101.800	0.567	0.288	1.674
x		196.300	-0.063	4.599	2.714	5.440	6.335	101.300	1.293	0.421	1.600
σ		4.123	0.037	0.997	1.119	0.293	0.217	0.460	0.630	0.487	0.375
%RSD		2.100	59.350	21.690	41.240	5.378	3.420	0.454	48.730	115.700	23.450
Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:28:06	92.742%	1.681	90.446%	4.214	2.358	3.465	-0.183	0.846	90.239%	0.121
2	19:29:52	95.307%	1.761	96.806%	4.223	2.688	3.462	-0.492	0.611	96.831%	0.173
3	19:31:37	95.547%	1.787	96.973%	4.229	2.292	3.459	-0.113	0.905	98.250%	0.182
x		94.532%	1.743	94.742%	4.222	2.446	3.462	-0.263	0.787	95.107%	0.158
σ		1.555%	0.055	3.721%	0.008	0.212	0.003	0.202	0.156	4.275%	0.033
%RSD		1.645	3.158	3.928	0.184	8.673	0.078	76.670	19.800	4.495	20.730
Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg	238U

		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:28:06	2.567	152.800	92.910%	93.209%	4.035	0.168	1.022	96.480%	0.000	0.000
2	19:29:52	2.661	151.200	96.627%	96.547%	4.039	0.171	1.007	100.046%	0.000	0.000
3	19:31:37	2.599	152.600	96.713%	97.241%	4.043	0.173	1.023	100.426%	0.000	0.000
x		2.609	152.200	95.417%	95.666%	4.039	0.171	1.017	98.984%	0.000	0.000
σ		0.047	0.906	2.171%	2.156%	0.004	0.002	0.009	2.177%	0.000	0.000
%RSD		1.819	0.595	2.276	2.254	0.095	1.371	0.886	2.199	0.000	0.000

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User Pre-dilution: 2.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:37:58	94.667%	0.058	4.636	4.837	0.000	10540.000	3660.000	3659.000	20.730	0.000
2	19:39:43	93.620%	0.029	5.493	4.538	0.000	10650.000	3661.000	3678.000	20.680	0.000
3	19:41:28	94.848%	0.029	5.518	4.312	0.000	10590.000	3659.000	3678.000	20.450	0.000
x		94.378%	0.039	5.216	4.562	0.000	10590.000	3660.000	3672.000	20.620	0.000
σ		0.663%	0.017	0.502	0.263	0.000	50.870	1.189	10.760	0.148	0.000
%RSD		0.703	43.070	9.625	5.765	0.000	0.480	0.032	0.293	0.716	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:37:58	643.200	M 36810.000	M 34550.000	95.183%	6.305	104.400	39.070	17830.000	376.100	231.000
2	19:39:43	640.000	M 36900.000	M 37770.000	95.945%	6.152	108.900	31.320	17770.000	373.800	199.100
3	19:41:28	642.000	M 37000.000	M 34610.000	96.084%	6.131	117.200	19.800	17560.000	376.000	149.500
x		641.800	M 36900.000	M 35640.000	95.738%	6.196	110.200	30.070	17720.000	375.300	193.200
σ		1.615	M 97.290	M 1844.000	0.485%	0.095	6.534	9.696	143.200	1.339	41.060
%RSD		0.252	M 0.264	M 5.174	0.507	1.534	5.932	32.250	0.808	0.357	21.250

Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:37:58	380.500	0.321	23.390	20.850	16.770	18.120	M 903.500	0.850-	0.499	1.509
2	19:39:43	328.800	0.242	18.330	15.520	15.500	16.970	M 902.900	1.997-	0.962	2.445
3	19:41:28	284.500	0.116	11.880	10.050	13.630	14.330	M 906.900	0.827-	0.219	2.461
x		331.300	0.226	17.870	15.480	15.300	16.470	M 904.500	1.224	-0.560	2.138
σ		48.040	0.103	5.772	5.402	1.580	1.940	M 2.144	0.669	0.375	0.545
%RSD		14.500	45.640	32.310	34.910	10.330	11.780	M 0.237	54.640	67.020	25.490

Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:37:58	90.774%	0.865	89.688%	4.213	2.647	3.455	-0.465	0.634	89.058%	0.257
2	19:39:43	93.130%	0.585	94.869%	4.228	2.324	3.465	-0.149	0.875	95.391%	0.268
3	19:41:28	93.670%	0.499	96.510%	4.199	2.474	3.457	-0.315	0.770	96.579%	0.225
x		92.525%	0.650	93.689%	4.213	2.482	3.459	-0.310	0.760	93.676%	0.250
σ		1.540%	0.191	3.561%	0.015	0.162	0.005	0.158	0.121	4.043%	0.022
%RSD		1.664	29.420	3.801	0.349	6.529	0.156	51.020	15.930	4.316	8.966

Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:37:58	2.560	20.350	92.246%	92.258%	3.984	0.148	1.310	96.735%	0.000	0.000
2	19:39:43	2.621	20.190	95.106%	95.777%	4.003	0.153	1.285	99.170%	0.000	0.000
3	19:41:28	2.634	19.150	96.296%	96.573%	4.000	0.148	1.295	100.189%	0.000	0.000
x		2.605	19.900	94.549%	94.869%	3.996	0.150	1.297	98.698%	0.000	0.000
σ		0.039	0.651	2.082%	2.296%	0.010	0.003	0.013	1.775%	0.000	0.000
%RSD		1.511	3.273	2.202	2.421	0.242	1.941	0.984	1.798	0.000	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:47:46	86.143%	134.500	145.900	147.500	0.000	5434.000	5027.000	5005.000	5196.000	0.000
2	19:49:32	85.516%	134.200	151.200	152.600	0.000	5463.000	5017.000	5304.000	5207.000	0.000
3	19:51:17	85.956%	132.300	150.200	152.000	0.000	5469.000	5013.000	5319.000	5250.000	0.000
x		85.872%	133.700	149.100	150.700	0.000	5455.000	5019.000	5209.000	5218.000	0.000
σ		0.322%	1.196	2.831	2.782	0.000	18.970	7.106	177.100	28.230	0.000
%RSD		0.375	0.895	1.899	1.847	0.000	0.348	0.142	3.399	0.541	0.000

Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb

1	19:47:46	5154.000	5328.000	4924.000	88.330%	125.300	114.900	124.400	4113.000	131.200	5210.000
2	19:49:32	5173.000	5338.000	4936.000	89.151%	126.300	114.900	122.000	3990.000	129.500	5177.000
3	19:51:17	5209.000	5280.000	4965.000	88.870%	124.400	115.100	123.200	3995.000	130.800	5216.000
x		5179.000	5315.000	4942.000	88.783%	125.300	115.000	123.200	4033.000	130.500	5201.000
σ		27.980	31.000	21.270	0.418%	0.981	0.129	1.192	69.950	0.912	20.810
%RSD		0.540	0.583	0.430	0.470	0.782	0.112	0.968	1.735	0.699	0.400
Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:47:46	5044.000	126.000	132.000	123.700	122.000	124.100	123.700	123.200	127.200	126.400
2	19:49:32	4998.000	124.500	130.600	120.400	120.800	123.300	122.400	124.700	124.300	125.300
3	19:51:17	5027.000	125.200	130.800	120.400	120.100	122.900	123.700	122.700	125.200	125.500
x		5023.000	125.200	131.100	121.500	120.900	123.500	123.300	123.500	125.600	125.700
σ		23.340	0.749	0.765	1.884	0.945	0.623	0.727	1.022	1.460	0.564
%RSD		0.465	0.598	0.584	1.550	0.781	0.505	0.589	0.827	1.163	0.448
Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:47:46	87.088%	125.800	86.688%	116.400	1.874	119.600	119.200	129.200	86.296%	125.600
2	19:49:32	88.901%	126.400	90.700%	119.900	1.744	122.000	119.600	130.200	91.865%	126.000
3	19:51:17	89.408%	126.500	91.577%	120.300	1.646	124.400	121.300	130.300	92.238%	126.400
x		88.466%	126.200	89.655%	118.900	1.754	122.000	120.000	129.900	90.133%	126.000
σ		1.220%	0.386	2.607%	2.113	0.114	2.385	1.094	0.592	3.328%	0.389
%RSD		1.379	0.306	2.908	1.778	6.517	1.954	0.912	0.456	3.692	0.309
Run	Time	121Sb	137Ba	159Tb	165Ho	203Tl	205Tl	208Pb	209Bi	220Bkg	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:47:46	126.400	139.600	89.448%	89.697%	118.000	122.500	123.800	93.180%	0.000	0.000
2	19:49:32	126.900	138.900	91.302%	91.983%	119.500	123.900	124.100	95.340%	0.000	0.000
3	19:51:17	126.800	139.300	91.891%	91.921%	120.200	124.100	124.000	95.942%	0.000	0.000
x		126.700	139.300	90.880%	91.200%	119.200	123.500	124.000	94.821%	0.000	0.000
σ		0.280	0.347	1.275%	1.302%	1.094	0.832	0.112	1.452%	0.000	0.000
%RSD		0.221	0.249	1.403	1.428	0.918	0.674	0.090	1.532	0.000	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	27Al	37Cl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:57:33	86.264%	0.069	3.500	2.172	0.000	-12.930	0.274	-1.733	3.479	0.000
2	19:59:19	86.799%	0.037	1.649	1.893	0.000	-12.770	0.217	-2.068	3.259	0.000
3	20:01:04	88.149%	0.047	1.696	1.218	0.000	-14.110	0.488	-2.376	3.148	0.000
x		87.071%	0.051	2.282	1.761	0.000	-13.270	0.326	-2.059	3.295	0.000
σ		0.972%	0.016	1.055	0.491	0.000	0.729	0.143	0.322	0.169	0.000
%RSD		1.116	32.260	46.260	27.860	0.000	5.494	43.780	15.630	5.121	0.000
Run	Time	39K	43Ca	44Ca	45Sc	47Ti	51V	52Cr	53Cl O	55Mn	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:57:33	7.416	-0.655	-31.780	89.296%	1.121	1.615	11.410	3221.000	0.441	46.040
2	19:59:19	6.835	-1.482	-32.490	89.478%	1.159	2.858	10.500	3166.000	0.463	42.290
3	20:01:04	6.379	-3.162	-32.090	90.076%	1.089	2.353	9.916	3150.000	0.419	41.050
x		6.877	-1.766	-32.120	89.617%	1.123	2.275	10.610	3179.000	0.441	43.120
σ		0.520	1.278	0.353	0.408%	0.035	0.625	0.751	37.540	0.022	2.599
%RSD		7.559	72.330	1.100	0.456	3.113	27.480	7.076	1.181	5.079	6.027
Run	Time	57Fe	59Co	60Ni	62Ni	63Cu	65Cu	66Zn	75As	78Se	82Se
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:57:33	45.570	0.125	6.451	5.217	1.188	1.561	0.334	0.612	-0.000	0.837
2	19:59:19	38.450	0.123	5.651	4.388	0.973	1.348	0.258	0.453	-0.047	1.037
3	20:01:04	38.580	0.107	5.497	4.262	0.868	1.301	0.278	0.195	0.702	0.791
x		40.870	0.118	5.866	4.622	1.010	1.403	0.290	0.420	0.218	0.888
σ		4.074	0.010	0.512	0.519	0.163	0.139	0.039	0.210	0.420	0.131
%RSD		9.970	8.635	8.731	11.220	16.140	9.872	13.430	50.080	192.300	14.760
Run	Time	89Y	95Mo	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:57:33	87.160%	0.467	86.544%	2.142	1.127	1.765	-0.044	0.484	86.045%	0.077
2	19:59:19	89.113%	0.389	92.237%	2.142	1.078	1.759	0.026	0.522	91.747%	0.066
3	20:01:04	89.811%	0.309	92.795%	2.136	1.140	1.750	-0.048	0.478	92.573%	0.044

x		88.695%	0.388	90.525%	2.140	1.115	1.758	-0.022	0.495	90.122%	0.062
σ		1.374%	0.079	3.459%	0.003	0.033	0.008	0.041	0.024	3.554%	0.017
%RSD		1.549	20.330	3.821	0.149	2.920	0.428	188.500	4.853	3.944	26.660
Run	**Time**	**121Sb**	**137Ba**	**159Tb**	**165Ho**	**203Tl**	**205Tl**	**208Pb**	**209Bi**	**220Bkg**	**238U**
		ppb	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**	**ppb**
1	19:57:33	1.053	0.876	87.773%	88.045%	2.300	0.389	0.093	92.254%	0.000	0.000
2	19:59:19	1.028	0.840	90.867%	91.091%	2.257	0.319	0.082	94.705%	0.000	0.000
3	20:01:04	1.031	0.837	91.793%	91.838%	2.177	0.272	0.081	95.963%	0.000	0.000
x		1.037	0.851	90.144%	90.325%	2.245	0.327	0.086	94.308%	0.000	0.000
σ		0.013	0.022	2.105%	2.009%	0.062	0.059	0.007	1.886%	0.000	0.000
%RSD		1.287	2.579	2.335	2.224	2.775	18.050	8.085	2.000	0.000	0.000

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
10:29	MA14293-STD1	1		STDA
10:37	MA14293-STD2	1		STDB
10:43	MA14293-STD3	1		STDC
10:49	MA14293-STD4	1		STDD
10:54	MA14293-STD5	1		STDE
11:10	MA14293-STD6	1		STDC
11:13	MA14293-HSTD1	1		
11:32	MA14293-CRIB1	1		
11:39	MA14293-ICV1	1		
11:54	MA14293-ICB1	1		
12:01	MA14293-CCV1	1		
12:09	MA14293-CCB1	1		
12:17	MA14293-ICSA1	1		
12:31	MA14293-ICSAB1	1		
12:39	MA14293-CCV2	1		
12:46	MA14293-CCB2	1		
12:54	ZZZZZZ	1		
13:02	ZZZZZZ	1		
13:09	ZZZZZZ	1		
13:17	ZZZZZZ	1		
13:25	MP26757-MB2	1		
13:32	MP26757-LC1	1		
13:40	ZZZZZZ	1		
13:48	MP26791-MB1	1		Pb and Zn carryover.
13:55	MP26791-B1	1		
14:03	MA14293-CCV3	1		
14:11	MA14293-CCB3	1		
14:19	MP26791-S1	1		
14:27	ZZZZZZ	1		
14:35	ZZZZZZ	1		
14:44	MP26772-MB2	1		
14:51	MP26772-LC1	1		
14:59	ZZZZZZ	2		