


ANALYTICAL REPORT

Job Number: 240-17467-2

Job Description: RVAAP - ECC

For:

Environmental Chemical Corp.
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Suite 40
Marlborough, MA 01752
Attention: Mr. Jackson Kiker



Approved for release.
Mark J Loeb
Project Manager II
12/27/2012 4:23 PM

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CASE NARRATIVE

Client: Environmental Chemical Corp.

Project: RVAAP - ECC

Report Number: 240-17467-2

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

The 6020 Metals analysis was performed at the TestAmerica Pittsburgh Laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

TestAmerica utilizes USEPA approved methods and DOD QSM, where applicable, in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. A summary of QC data for these analyses is included at the back of the report.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client

All parameters for which TestAmerica North Canton has certification were evaluated to the limit of detection (LOD) and include qualified results where applicable. Parameters not certified under QSM, if any, were evaluated to the detection limit (DL) and include qualified results where applicable.

The sample(s) that contain constituents flagged with U are undetected. The result associated with this flag is the limit of detection (LOD).

RECEIPT

The samples were received on 11/9/2012 3:56 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 5.8° C.

TOTAL METALS (ICPMS)

Samples 075SD-0002-0001-SD (240-17467-2) and 075SD-0003-0001-SD (240-17467-4) were analyzed for total metals (ICPMS) in accordance with EPA SW-846 Method 6020 DoD. The samples were prepared on 11/26/2012 and analyzed on 12/21/2012 and 12/22/2012.

ICB, CCB, and ICSA samples are evaluated using the lowest LOD and DL criteria in LIMS. Using this criteria, an individual element may occasionally be flagged as out of control. If the element has a higher LOD or DL, the data is evaluated to the higher limit and determined to be acceptable.

Several analytes were detected in method blank MB 180-59037/1-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. Refer to the QC report for details.

Aluminum, Calcium, Iron and Zinc failed the recovery criteria low for the MS of sample 075SD-0002-0001-SDMS (240-17467-2) in batch 180-59218. Manganese failed the recovery criteria high.

Sample 075SD-0003-0001-SD (240-17467-4)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The interference check standard solution (ICSA) associated with batch 59037 showed results for one or more elements at a level greater

than the limit of detection (LOD). It is believed that the solution contains trace impurities of this element / these elements and the results are not due to matrix interference. These results are consistent with those found by the manufacturer of the ICSA solution.

The matrix spike (MS) recoveries for the following sample associated with batch 59037 were outside control limits for potassium, magnesium, and antimony.: 075SD-0002-0001-SD (240-17467-2). The associated laboratory control sample (LCS) recovery met acceptance criteria.

The sample duplicate (SD) precision for batch 59037 was outside control limits for aluminum, potassium, and sodium. The associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision met acceptance criteria.

The following sample was diluted to bring the concentration of manganese within the linear range of the instrument: 075SD-0003-0001-SD (240-17467-4). Elevated reporting limits (RLs) are provided.

No other difficulties were encountered during the metals analyses. All other quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: Environmental Chemical Corp.

Job Number: 240-17467-2

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
240-17467-2	075SD-0002-0001-SD	Solid	11/09/2012 1400	11/09/2012 1556
240-17467-2MS	075SD-0002-0001-SD	Solid	11/09/2012 1400	11/09/2012 1556
240-17467-2DU	075SD-0002-0001-SD	Solid	11/09/2012 1400	11/09/2012 1556
240-17467-4	075SD-0003-0001-SD	Solid	11/09/2012 1400	11/09/2012 1556

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp.

Job Number: 240-17467-2

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-17467-2	075SD-0002-0001-SD					
Silver		1.5		0.15	mg/Kg	6020/DOD
Aluminum		12000	J	4.4	mg/Kg	6020/DOD
Arsenic		9.5		0.15	mg/Kg	6020/DOD
Barium		110	Q	1.5	mg/Kg	6020/DOD
Beryllium		0.89		0.15	mg/Kg	6020/DOD
Calcium		6400	J	15	mg/Kg	6020/DOD
Cadmium		0.63		0.15	mg/Kg	6020/DOD
Chromium		15		0.29	mg/Kg	6020/DOD
Cobalt		9.6	Q	0.074	mg/Kg	6020/DOD
Copper		17	Q	0.29	mg/Kg	6020/DOD
Iron		20000	J	7.4	mg/Kg	6020/DOD
Magnesium		2800	J	15	mg/Kg	6020/DOD
Manganese		2200	Q J	0.74	mg/Kg	6020/DOD
Sodium		75		15	mg/Kg	6020/DOD
Nickel		21	Q	0.15	mg/Kg	6020/DOD
Lead		22		0.15	mg/Kg	6020/DOD
Antimony		0.21	J	0.29	mg/Kg	6020/DOD
Thallium		0.21		0.15	mg/Kg	6020/DOD
Vanadium		20		0.15	mg/Kg	6020/DOD
Zinc		140	Q J	0.74	mg/Kg	6020/DOD
Potassium		1400	J	15	mg/Kg	6020/DOD
Selenium		1.3		0.74	mg/Kg	6020/DOD

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp.

Job Number: 240-17467-2

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-17467-4	075SD-0003-0001-SD					
Silver		2.3		0.15	mg/Kg	6020/DOD
Aluminum		16000		4.6	mg/Kg	6020/DOD
Arsenic		9.0		0.15	mg/Kg	6020/DOD
Barium		130	Q	1.5	mg/Kg	6020/DOD
Beryllium		1.7		0.15	mg/Kg	6020/DOD
Calcium		50000		15	mg/Kg	6020/DOD
Cadmium		0.76		0.15	mg/Kg	6020/DOD
Chromium		21		0.30	mg/Kg	6020/DOD
Cobalt		11	Q	0.076	mg/Kg	6020/DOD
Copper		21	Q	0.30	mg/Kg	6020/DOD
Iron		19000		7.6	mg/Kg	6020/DOD
Magnesium		5600		15	mg/Kg	6020/DOD
Manganese		4100	D Q	7.6	mg/Kg	6020/DOD
Sodium		310		15	mg/Kg	6020/DOD
Nickel		21	Q	0.15	mg/Kg	6020/DOD
Lead		32		0.15	mg/Kg	6020/DOD
Antimony		0.43		0.30	mg/Kg	6020/DOD
Thallium		0.15		0.15	mg/Kg	6020/DOD
Vanadium		15		0.15	mg/Kg	6020/DOD
Zinc		130	Q	0.76	mg/Kg	6020/DOD
Potassium		1200		15	mg/Kg	6020/DOD
Selenium		1.4		0.76	mg/Kg	6020/DOD

METHOD SUMMARY

Client: Environmental Chemical Corp.

Job Number: 240-17467-2

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Metals (ICP/MS)	TAL PIT	SW846 6020/DOD	
Preparation, Metals	TAL PIT		SW846 3050B

Lab References:

TAL PIT = TestAmerica Pittsburgh

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Environmental Chemical Corp.

Job Number: 240-17467-2

Method	Analyst	Analyst ID
SW846 6020/DOD	Reinheimer, Bill	BR

Analytical Data

Client: Environmental Chemical Corp.

Job Number: 240-17467-2

Client Sample ID: 075SD-0002-0001-SD

Lab Sample ID: 240-17467-2

Date Sampled: 11/09/2012 1400

Client Matrix: Solid

% Moisture: 37.0

Date Received: 11/09/2012 1556

6020/DOD Metals (ICP/MS)

Analysis Method: 6020/DOD	Analysis Batch: 180-59218	Instrument ID: M
Prep Method: 3050B	Prep Batch: 180-59037	Lab File ID: M21221A.xml
Dilution: 1.0		Initial Weight/Volume: 1.08 g
Analysis Date: 12/21/2012 1546		Final Weight/Volume: 100 mL
Prep Date: 11/26/2012 1231		

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Silver		1.5		0.017	0.15
Aluminum		12000	J	0.42	4.4
Arsenic		9.5		0.027	0.15
Barium		110	Q	0.016	1.5
Beryllium		0.89		0.011	0.15
Calcium		6400	J	1.9	15
Cadmium		0.63		0.019	0.15
Chromium		15		0.033	0.29
Cobalt		9.6	Q	0.0035	0.074
Copper		17	Q	0.049	0.29
Iron		20000	J	1.6	7.4
Magnesium		2800	J	1.6	15
Manganese		2200	Q J	0.023	0.74
Sodium		75		3.9	15
Nickel		21	Q	0.017	0.15
Lead		22		0.023	0.15
Antimony		0.21	J	0.067	0.29
Thallium		0.21		0.015	0.15
Vanadium		20		0.044	0.15
Zinc		140	Q J	0.095	0.74
Potassium		1400	J	4.6	15
Selenium		1.3		0.075	0.74

Analytical Data

Client: Environmental Chemical Corp.

Job Number: 240-17467-2

Client Sample ID: 075SD-0003-0001-SD

Lab Sample ID: 240-17467-4

Date Sampled: 11/09/2012 1400

Client Matrix: Solid

% Moisture: 36.9

Date Received: 11/09/2012 1556

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	180-59218	Instrument ID:	M
Prep Method:	3050B	Prep Batch:	180-59037	Lab File ID:	M21221A.xml
Dilution:	1.0			Initial Weight/Volume:	1.04 g
Analysis Date:	12/21/2012 1611			Final Weight/Volume:	100 mL
Prep Date:	11/26/2012 1231				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Silver		2.3		0.017	0.15
Aluminum		16000		0.43	4.6
Arsenic		9.0		0.028	0.15
Barium		130	Q	0.016	1.5
Beryllium		1.7		0.011	0.15
Calcium		50000		2.0	15
Cadmium		0.76		0.020	0.15
Chromium		21		0.034	0.30
Cobalt		11	Q	0.0037	0.076
Copper		21	Q	0.050	0.30
Iron		19000		1.6	7.6
Magnesium		5600		1.6	15
Sodium		310		4.0	15
Nickel		21	Q	0.017	0.15
Lead		32		0.023	0.15
Antimony		0.43		0.070	0.30
Thallium		0.15		0.016	0.15
Vanadium		15		0.046	0.15
Zinc		130	Q	0.099	0.76
Potassium		1200		4.8	15
Selenium		1.4		0.078	0.76

Analysis Method:	6020/DOD	Analysis Batch:	180-59262	Instrument ID:	M
Prep Method:	3050B	Prep Batch:	180-59037	Lab File ID:	M21222A.xml
Dilution:	10			Initial Weight/Volume:	1.04 g
Analysis Date:	12/22/2012 1900			Final Weight/Volume:	100 mL
Prep Date:	11/26/2012 1231				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Manganese		4100	D Q	0.24	7.6

Quality Control Results

Client: Environmental Chemical Corp.

Job Number: 240-17467-2

Method Blank - Batch: 180-59037

**Method: 6020/DOD
Preparation: 3050B**

Lab Sample ID: MB 180-59037/1-A
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 12/21/2012 1534
 Prep Date: 11/26/2012 1231
 Leach Date: N/A

Analysis Batch: 180-59218
 Prep Batch: 180-59037
 Leach Batch: N/A
 Units: mg/Kg

Instrument ID: M
 Lab File ID: M21221A.xml
 Initial Weight/Volume: 1.00 g
 Final Weight/Volume: 100 mL

Analyte	Result	Qual	DL	LOQ
Silver	0.030	U	0.011	0.10
Aluminum	1.34	J	0.28	3.0
Arsenic	0.050	U	0.018	0.10
Barium	0.0161	J Q	0.011	1.0
Beryllium	0.010	U	0.0075	0.10
Calcium	2.5	U	1.3	10
Cadmium	0.030	U	0.013	0.10
Chromium	0.040	U	0.022	0.20
Cobalt	0.010	U Q	0.0024	0.050
Copper	0.060	U Q	0.033	0.20
Iron	2.31	J	1.1	5.0
Magnesium	2.0	U	1.1	10
Manganese	0.0336	J Q	0.016	0.50
Sodium	5.0	U	2.7	10
Nickel	0.030	U Q	0.011	0.10
Lead	0.030	U	0.015	0.10
Antimony	0.10	U	0.046	0.20
Thallium	0.020	U	0.010	0.10
Vanadium	0.060	U	0.030	0.10
Zinc	0.20	U Q	0.065	0.50
Potassium	6.0	U	3.2	10
Selenium	0.10	U	0.051	0.50

Quality Control Results

Client: Environmental Chemical Corp.

Job Number: 240-17467-2

Lab Control Sample - Batch: 180-59037

**Method: 6020/DOD
Preparation: 3050B**

Lab Sample ID: LCS 180-59037/2-A	Analysis Batch: 180-59218	Instrument ID: M
Client Matrix: Solid	Prep Batch: 180-59037	Lab File ID: M21221A.xml
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 1.00 g
Analysis Date: 12/21/2012 1538	Units: mg/Kg	Final Weight/Volume: 100 mL
Prep Date: 11/26/2012 1231		
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Silver	10.0	9.19	92	60 - 114	
Aluminum	1000	886	89	80 - 120	
Arsenic	100	84.7	85	73 - 110	
Barium	100	84.9	85	70 - 110	Q
Beryllium	100	84.6	85	79 - 110	
Calcium	1000	907	91	80 - 120	
Cadmium	100	84.5	84	74 - 110	
Chromium	100	96.7	97	70 - 110	
Cobalt	100	95.7	96	74 - 110	Q
Copper	100	94.7	95	73 - 110	Q
Iron	1000	943	94	80 - 120	
Magnesium	1000	904	90	80 - 120	
Manganese	100	95.2	95	80 - 120	Q
Sodium	1000	888	89	80 - 120	
Nickel	100	94.6	95	75 - 110	Q
Lead	100	89.0	89	75 - 110	
Antimony	10.0	8.25	82	68 - 113	
Thallium	25.0	21.4	86	71 - 110	
Vanadium	100	95.0	95	72 - 110	
Zinc	100	87.4	87	72 - 113	Q
Potassium	1000	868	87	80 - 120	
Selenium	100	82.1	82	65 - 110	

Quality Control Results

Client: Environmental Chemical Corp.

Job Number: 240-17467-2

Matrix Spike - Batch: 180-59037

**Method: 6020/DOD
Preparation: 3050B**

Lab Sample ID:	240-17467-2	Analysis Batch:	180-59218	Instrument ID:	M
Client Matrix:	Solid	Prep Batch:	180-59037	Lab File ID:	M21221A.xml
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.08 g
Analysis Date:	12/21/2012 1559	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/26/2012 1231				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Silver	1.5	14.7	14.1	86	75 - 125	
Aluminum	12000	1470	11400	-23	70 - 130	4
Arsenic	9.5	14.7	20.6	76	23 - 131	
Barium	110	14.7	118	57	10 - 199	Q 4
Beryllium	0.89	14.7	12.8	81	58 - 112	
Calcium	6400	1470	6750	24	70 - 130	4
Cadmium	0.63	14.7	12.6	81	58 - 110	
Chromium	15	14.7	25.9	73	10 - 199	
Cobalt	9.6	14.7	21.8	83	55 - 110	Q
Copper	17	14.7	28.4	80	10 - 199	Q
Iron	20000	1470	19200	-54	70 - 130	4
Magnesium	2800	1470	3800	69	70 - 130	J
Manganese	2200	14.7	2210	280	10 - 199	Q 4
Sodium	75	1470	1320	84	70 - 130	
Nickel	21	14.7	32.2	77	10 - 176	Q
Lead	22	14.7	35.2	87	10 - 199	
Antimony	0.21 J	14.7	3.84	25	75 - 125	J
Thallium	0.21	14.7	12.7	85	82 - 110	
Vanadium	20	14.7	29.5	66	39 - 129	
Zinc	140	14.7	136	-14	10 - 199	Q 4
Potassium	1400	1470	2200	56	70 - 130	J
Selenium	1.3	14.7	12.3	74	39 - 116	

Post Digestion Spike - Batch: 180-59037

**Method: 6020/DOD
Preparation: 3050B**

Lab Sample ID:	240-17467-2	Analysis Batch:	180-59218	Instrument ID:	M
Client Matrix:	Solid	Prep Batch:	180-59037	Lab File ID:	M21221A.xml
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.08 g
Analysis Date:	12/21/2012 1604	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/26/2012 1231				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Silver	1.5	7.35	8.02	89	80 - 120	
Aluminum	12000	294	11700	-24	80 - 120	
Arsenic	9.5	5.88	14.3	83	80 - 120	
Barium	110	294	358	85	80 - 120	Q
Beryllium	0.89	7.35	7.02	83	80 - 120	

Quality Control Results

Client: Environmental Chemical Corp.

Job Number: 240-17467-2

Post Digestion Spike - Batch: 180-59037

**Method: 6020/DOD
Preparation: 3050B**

Lab Sample ID: 240-17467-2	Analysis Batch: 180-59218	Instrument ID: M
Client Matrix: Solid	Prep Batch: 180-59037	Lab File ID: M21221A.xml
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 1.08 g
Analysis Date: 12/21/2012 1604	Units: mg/Kg	Final Weight/Volume: 100 mL
Prep Date: 11/26/2012 1231		
Leach Date: N/A		

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Calcium	6400	7350	13100	91	80 - 120	
Cadmium	0.63	7.35	7.09	88	80 - 120	
Chromium	15	29.4	42.5	93	80 - 120	
Cobalt	9.6	73.5	78.7	94	80 - 120	Q
Copper	17	36.8	49.5	89	80 - 120	Q
Iron	20000	147	19800	-150	80 - 120	
Magnesium	2800	7350	9120	86	80 - 120	
Manganese	2200	73.5	2200	42	80 - 120	Q
Sodium	75	7350	6470	87	80 - 120	
Nickel	21	73.5	87.2	90	80 - 120	Q
Lead	22	2.94	25.0	90	80 - 120	
Antimony	0.21	J 73.5	61.6	84	80 - 120	
Thallium	0.21	7.35	7.03	93	80 - 120	
Vanadium	20	73.5	91.9	98	80 - 120	
Zinc	140	73.5	198	82	80 - 120	Q
Potassium	1400	7350	7820	88	80 - 120	
Selenium	1.3	1.47	2.59	85	80 - 120	

Quality Control Results

Client: Environmental Chemical Corp.

Job Number: 240-17467-2

Serial Dilution - Batch: 180-59037

**Method: 6020/DOD
Preparation: 3050B**

Lab Sample ID:	240-17467-2	Analysis Batch:	180-59218	Instrument ID:	M
Client Matrix:	Solid	Prep Batch:	180-59037	Lab File ID:	M21221A.xml
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	1.08 g
Analysis Date:	12/21/2012 1551	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/26/2012 1231				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	%Diff	Limit	Qual
Silver	1.5	1.48	0.55	10	D
Aluminum	12000	11700	0.67	10	D
Arsenic	9.5	9.21	2.6	10	D
Barium	110	110	0.73	10	D Q
Beryllium	0.89	0.953	6.8	10	D
Calcium	6400	5790	9.5	10	D
Cadmium	0.63	0.600	NC	10	J D
Chromium	15	14.5	4.4	10	D
Cobalt	9.6	9.08	5.4	10	D Q
Copper	17	16.2	2.6	10	D Q
Iron	20000	19600	2.4	10	D
Magnesium	2800	2670	4.0	10	D
Manganese	2200	2070	4.6	10	D Q
Sodium	75	70.5	NC	10	J D
Nickel	21	20.4	2.4	10	D Q
Lead	22	21.6	3.7	10	D
Antimony	0.21	J 0.74	NC	10	U
Thallium	0.21	0.241	NC	10	J D
Vanadium	20	18.6	5.6	10	D
Zinc	140	139	1.1	10	D Q
Potassium	1400	1360	1.2	10	D
Selenium	1.3	0.639	NC	10	J D

Duplicate - Batch: 180-59037

**Method: 6020/DOD
Preparation: 3050B**

Lab Sample ID:	240-17467-2	Analysis Batch:	180-59218	Instrument ID:	M
Client Matrix:	Solid	Prep Batch:	180-59037	Lab File ID:	M21221A.xml
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.08 g
Analysis Date:	12/21/2012 1555	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/26/2012 1231				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Silver	1.5	1.43	4	20	
Aluminum	12000	9060	26	20	J
Arsenic	9.5	8.70	8	20	
Barium	110	99.5	9	20	Q
Beryllium	0.89	0.752	17	20	
Calcium	6400	5990	7	20	
Cadmium	0.63	0.585	7	20	

Quality Control Results

Client: Environmental Chemical Corp.

Job Number: 240-17467-2

Duplicate - Batch: 180-59037

**Method: 6020/DOD
Preparation: 3050B**

Lab Sample ID: 240-17467-2	Analysis Batch: 180-59218	Instrument ID: M
Client Matrix: Solid	Prep Batch: 180-59037	Lab File ID: M21221A.xml
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 1.08 g
Analysis Date: 12/21/2012 1555	Units: mg/Kg	Final Weight/Volume: 100 mL
Prep Date: 11/26/2012 1231		
Leach Date: N/A		

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Chromium	15	12.3	21	20	J
Cobalt	9.6	9.09	5	20	Q
Copper	17	15.3	8	20	Q
Iron	20000	18100	10	20	
Magnesium	2800	2480	12	20	
Manganese	2200	2160	0.3	20	Q
Sodium	75	54.5	32	20	J
Nickel	21	19.2	8	20	Q
Lead	22	21.8	3	20	
Antimony	0.21 J	0.187	11	20	J
Thallium	0.21	0.162	25	20	
Vanadium	20	15.6	24	20	J
Zinc	140	120	14	20	Q
Potassium	1400	900	42	20	J
Selenium	1.3	1.25	7	20	

DATA REPORTING QUALIFIERS

Client: Environmental Chemical Corp.

Job Number: 240-17467-2

Lab Section	Qualifier	Description
Metals		
	J	Estimated: The analyte was positively identified; the quantitation is an estimation
	J	Estimated: The quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	Q	One or more quality control criteria failed.
	D	The reported value is from a dilution.
	U	Undetected at the Limit of Detection.

Quality Control Results

Client: Environmental Chemical Corp.

Job Number: 240-17467-2

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 180-59037					
LCS 180-59037/2-A	Lab Control Sample	T	Solid	3050B	
MB 180-59037/1-A	Method Blank	T	Solid	3050B	
240-17467-2	075SD-0002-0001-SD	T	Solid	3050B	
240-17467-2DU	Duplicate	T	Solid	3050B	
240-17467-2MS	Matrix Spike	T	Solid	3050B	
240-17467-4	075SD-0003-0001-SD	T	Solid	3050B	
Analysis Batch:180-59218					
LCS 180-59037/2-A	Lab Control Sample	T	Solid	6020/DOD	180-59037
MB 180-59037/1-A	Method Blank	T	Solid	6020/DOD	180-59037
240-17467-2	075SD-0002-0001-SD	T	Solid	6020/DOD	180-59037
240-17467-2DU	Duplicate	T	Solid	6020/DOD	180-59037
240-17467-2MS	Matrix Spike	T	Solid	6020/DOD	180-59037
240-17467-4	075SD-0003-0001-SD	T	Solid	6020/DOD	180-59037
Analysis Batch:180-59262					
240-17467-4	075SD-0003-0001-SD	T	Solid	6020/DOD	180-59037

Report Basis

T = Total

Quality Control Results

Client: Environmental Chemical Corp.

Job Number: 240-17467-2

Laboratory Chronicle

Lab ID: 240-17467-2

Client ID: 075SD-0002-0001-SD

Sample Date/Time: 11/09/2012 14:00

Received Date/Time: 11/09/2012 15:56

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	240-17467-Q-2-A		180-59218	180-59037	11/26/2012 12:31	1	TAL PIT	BR
A:6020/DOD	240-17467-Q-2-A		180-59218	180-59037	12/21/2012 15:46	1	TAL PIT	BR

Lab ID: 240-17467-2

Client ID: 075SD-0002-0001-SD

Sample Date/Time: 11/09/2012 14:00

Received Date/Time: 11/09/2012 15:56

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	240-17467-Q-2-C MS		180-59218	180-59037	11/26/2012 12:31	1	TAL PIT	BR
A:6020/DOD	240-17467-Q-2-C MS		180-59218	180-59037	12/21/2012 15:59	1	TAL PIT	BR

Lab ID: 240-17467-2

Client ID: 075SD-0002-0001-SD

Sample Date/Time: 11/09/2012 14:00

Received Date/Time: 11/09/2012 15:56

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	240-17467-Q-2-D DU		180-59218	180-59037	11/26/2012 12:31	1	TAL PIT	BR
A:6020/DOD	240-17467-Q-2-D DU		180-59218	180-59037	12/21/2012 15:55	1	TAL PIT	BR

Lab ID: 240-17467-2 SD

Client ID: 075SD-0002-0001-SD

Sample Date/Time: 11/09/2012 14:00

Received Date/Time: 11/09/2012 15:56

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	240-17467-Q-2-A SD ^5		180-59218	180-59037	11/26/2012 12:31	5	TAL PIT	BR
A:6020/DOD	240-17467-Q-2-A SD ^5		180-59218	180-59037	12/21/2012 15:51	5	TAL PIT	BR
P:3050B	240-17467-Q-2-A PDS		180-59218	180-59037	11/26/2012 12:31	1	TAL PIT	BR
A:6020/DOD	240-17467-Q-2-A PDS		180-59218	180-59037	12/21/2012 16:04	1	TAL PIT	BR

Lab ID: 240-17467-4

Client ID: 075SD-0003-0001-SD

Sample Date/Time: 11/09/2012 14:00

Received Date/Time: 11/09/2012 15:56

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	240-17467-G-4-A		180-59218	180-59037	11/26/2012 12:31	1	TAL PIT	BR
A:6020/DOD	240-17467-G-4-A		180-59218	180-59037	12/21/2012 16:11	1	TAL PIT	BR
P:3050B	240-17467-G-4-A ^10		180-59262	180-59037	11/26/2012 12:31	10	TAL PIT	BR
A:6020/DOD	240-17467-G-4-A ^10		180-59262	180-59037	12/22/2012 19:00	10	TAL PIT	BR

Quality Control Results

Client: Environmental Chemical Corp.

Job Number: 240-17467-2

Laboratory Chronicle

Lab ID: MB

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	MB 180-59037/1-A		180-59218	180-59037	11/26/2012 12:31	1	TAL PIT	BR
A:6020/DOD	MB 180-59037/1-A		180-59218	180-59037	12/21/2012 15:34	1	TAL PIT	BR

Lab ID: LCS

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	LCS 180-59037/2-A		180-59218	180-59037	11/26/2012 12:31	1	TAL PIT	BR
A:6020/DOD	LCS 180-59037/2-A		180-59218	180-59037	12/21/2012 15:38	1	TAL PIT	BR

Lab References:

TAL PIT = TestAmerica Pittsburgh

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Pittsburgh

Job No.: 240-17467-2

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
CANMS2_00001	07/10/13		High Purity Standards, Lot 1218529			(Purchased Reagent)	Aluminum	1000 ug/mL
							Calcium	1000 ug/mL
							Iron	1000 ug/mL
							Magnesium	1000 ug/mL
							Potassium	1000 ug/mL
							Sodium	1000 ug/mL
CANMSA) Low_00001	01/10/13		High Purity Standards, Lot 1102022			(Purchased Reagent)	Arsenic	10 ug/mL
							B	10 ug/mL
							Barium	10 ug/mL
							Beryllium	10 ug/mL
							Cadmium	10 ug/mL
							Chromium	10 ug/mL
							Cobalt	10 ug/mL
							Copper	10 ug/mL
							Lead	10 ug/mL
							Manganese	10 ug/mL
							Nickel	10 ug/mL
							Selenium	10 ug/mL
							Sr	10 ug/mL
							Thallium	10 ug/mL
Vanadium	10 ug/mL							
							Zinc	10 ug/mL
CANMSA_High_00001	09/11/13		High Purity Standards, Lot 1225405			(Purchased Reagent)	Arsenic	100 ug/mL
							Barium	100 ug/mL
							Beryllium	100 ug/mL
							Cadmium	100 ug/mL
							Chromium	100 ug/mL
							Cobalt	100 ug/mL
							Copper	100 ug/mL
							Lead	100 ug/mL
							Manganese	100 ug/mL
							Nickel	100 ug/mL
							Selenium	100 ug/mL
							Sr	100 ug/mL
							Thallium	25 ug/mL
Vanadium	100 ug/mL							
							Zinc	100 ug/mL
CANMSB_High_00001	09/11/13		High Purity Standards, Lot 1225412			(Purchased Reagent)	Antimony	10 ug/mL
							B	10 ug/mL
							Mo	10 ug/mL
							Silver	10 ug/mL
							Sn	10 ug/mL
							Ti	10 ug/mL
CANMSB_Low_00001	01/10/13		High Purity Standards, Lot 1102023			(Purchased Reagent)	Antimony	10 ug/mL
							Mo	10 ug/mL
							Silver	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Pittsburgh Job No.: 240-17467-2

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Sn	10 ug/mL
							Ti	10 ug/mL
MCCV1X_00031	01/06/13	12/06/12	DI Water, Lot K35N55	500 mL	MCALSPECAREV_00003	10 mL	Aluminum	0.5 ppm
							Arsenic	0.1 ppm
							Barium	0.1 ppm
							Beryllium	0.1 ppm
							Cadmium	0.1 ppm
							Calcium	50 ppm
							Chromium	0.1 ppm
							Cobalt	0.1 ppm
							Copper	0.1 ppm
							Iron	25 ppm
							Lead	0.1 ppm
							Magnesium	50 ppm
							Manganese	0.5 ppm
							Nickel	0.1 ppm
							Potassium	50 ppm
							Selenium	0.1 ppm
							Silver	0.1 ppm
							Sodium	50 ppm
							Thallium	0.1 ppm
							Vanadium	0.1 ppm
							Zinc	0.1 ppm
.MCALSPECAREV_00003	04/01/13		Inorganic Ventures, Lot F2-MEB415031		MCALSPECB_00004	10 mL	Antimony	0.1 ppm
					(Purchased Reagent)		Aluminum	25 ppm
							Arsenic	5 ppm
							Barium	5 ppm
							Beryllium	5 ppm
							Cadmium	5 ppm
							Calcium	2500 ppm
							Chromium	5 ppm
							Cobalt	5 ppm
							Copper	5 ppm
							Iron	1250 ppm
							Lead	5 ppm
							Magnesium	2500 ppm
							Manganese	25 ppm
							Nickel	5 ppm
							Potassium	2500 ppm
							Selenium	5 ppm
							Silver	5 ppm
							Sodium	2500 ppm
							Thallium	5 ppm
							Vanadium	5 ppm
							Zinc	5 ppm
.MCALSPECB_00004	04/01/13		Inorganic Ventures, Lot F2-MEB415032		(Purchased Reagent)		Antimony	5 ppm
MCR1X_00023	01/07/13	12/07/12	HNO3, Lot K09N65	250 mL	MMSCRI-1B_00002	1 mL	Aluminum	0.03 ppm

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Pittsburgh

Job No.: 240-17467-2

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Arsenic	0.001 ppm
							Barium	0.01 ppm
							Beryllium	0.001 ppm
							Cadmium	0.001 ppm
							Calcium	0.1 ppm
							Chromium	0.002 ppm
							Cobalt	0.0005 ppm
							Copper	0.002 ppm
							Iron	0.05 ppm
							Lead	0.001 ppm
							Magnesium	0.1 ppm
							Manganese	0.005 ppm
							Nickel	0.001 ppm
							Potassium	0.1 ppm
							Selenium	0.005 ppm
							Silver	0.001 ppm
							Sodium	0.1 ppm
							Thallium	0.001 ppm
							Vanadium	0.001 ppm
							Zinc	0.005 ppm
					MMSCRI-2_00004	1 mL	Antimony	0.002 ppm
.MMSCRI-1B_00002	10/01/13		Inorganic Ventures, Lot F2-MEB439152				Aluminum	7.5 ppm
							Arsenic	0.25 ppm
							Barium	2.5 ppm
							Beryllium	0.25 ppm
							Cadmium	0.25 ppm
							Calcium	25 ppm
							Chromium	0.5 ppm
							Cobalt	0.125 ppm
							Copper	0.5 ppm
							Iron	12.5 ppm
							Lead	0.25 ppm
							Magnesium	25 ppm
							Manganese	1.25 ppm
							Nickel	0.25 ppm
							Potassium	25 ppm
							Selenium	1.25 ppm
							Silver	0.25 ppm
							Sodium	25 ppm
							Thallium	0.25 ppm
							Vanadium	0.25 ppm
							Zinc	1.25 ppm
.MMSCRI-2_00004	10/01/13		Inorganic Ventures, Lot F2-MEB436153				Antimony	0.5 ppm
MCRIX_00024	03/08/13	12/08/12	HNO3, Lot K09N65	250 mL	MMSCRI-1B_00002	1 mL	Aluminum	0.03 ppm
							Arsenic	0.001 ppm
							Barium	0.01 ppm
							Beryllium	0.001 ppm

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Pittsburgh

Job No.: 240-17467-2

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Cadmium	0.001 ppm
							Calcium	0.1 ppm
							Chromium	0.002 ppm
							Cobalt	0.0005 ppm
							Copper	0.002 ppm
							Iron	0.05 ppm
							Lead	0.001 ppm
							Magnesium	0.1 ppm
							Manganese	0.005 ppm
							Nickel	0.001 ppm
							Potassium	0.1 ppm
							Selenium	0.005 ppm
							Silver	0.001 ppm
							Sodium	0.1 ppm
							Thallium	0.001 ppm
							Vanadium	0.001 ppm
							Zinc	0.005 ppm
					MMSCRI-2_00004	1 mL	Antimony	0.002 ppm
.MMSCRI-1B_00002	10/01/13		Inorganic Ventures, Lot F2-MEB439152		(Purchased Reagent)		Aluminum	7.5 ppm
							Arsenic	0.25 ppm
							Barium	2.5 ppm
							Beryllium	0.25 ppm
							Cadmium	0.25 ppm
							Calcium	25 ppm
							Chromium	0.5 ppm
							Cobalt	0.125 ppm
							Copper	0.5 ppm
							Iron	12.5 ppm
							Lead	0.25 ppm
							Magnesium	25 ppm
							Manganese	1.25 ppm
							Nickel	0.25 ppm
							Potassium	25 ppm
							Selenium	1.25 ppm
							Silver	0.25 ppm
							Sodium	25 ppm
							Thallium	0.25 ppm
							Vanadium	0.25 ppm
							Zinc	1.25 ppm
.MMSCRI-2_00004	10/01/13		Inorganic Ventures, Lot F2-MEB436153		(Purchased Reagent)		Antimony	0.5 ppm
MICPMSICV_00012	12/30/12	12/03/12	2% Nitric Acid, Lot K09N65	250 mg/L	MICPMSICV_00005	10 mg/L	Aluminum	0.4 mg/L
							Antimony	0.08 mg/L
							Arsenic	0.08 mg/L
							Barium	0.08 mg/L
							Beryllium	0.08 mg/L
							Cadmium	0.08 mg/L
							Calcium	40 mg/L

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Pittsburgh

Job No.: 240-17467-2

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chromium	0.08 mg/L
							Cobalt	0.08 mg/L
							Copper	0.08 mg/L
							Iron	20 mg/L
							Lead	0.08 mg/L
							Magnesium	40 mg/L
							Manganese	0.4 mg/L
							Nickel	0.08 mg/L
							Potassium	40 mg/L
							Selenium	0.08 mg/L
							Silver	0.08 mg/L
							Sodium	40 mg/L
							Thallium	0.08 mg/L
							Vanadium	0.08 mg/L
							Zinc	0.08 mg/L
.MICPMSICV_00005	12/30/12		SPEX CertiPrep, Lot 26-209JB			(Purchased Reagent)	Aluminum	10 ppm
							Antimony	2 ppm
							Arsenic	2 ppm
							Barium	2 ppm
							Beryllium	2 ppm
							Cadmium	2 ppm
							Calcium	1000 ppm
							Chromium	2 ppm
							Cobalt	2 ppm
							Copper	2 ppm
							Iron	500 ppm
							Lead	2 ppm
							Magnesium	1000 ppm
							Manganese	10 ppm
							Nickel	2 ppm
							Potassium	1000 ppm
							Selenium	2 ppm
							Silver	2 ppm
							Sodium	1000 ppm
							Thallium	2 ppm
							Vanadium	2 ppm
							Zinc	2 ppm
MICSABX_00026	03/08/13	12/08/12	DI Water, Lot J38N82	100 mL	M6020ICS-0A_00003	10 mL	Aluminum	100 ppm
							Calcium	100 ppm
							Iron	100 ppm
							Magnesium	100 ppm
							Mo	2 ppm
							Potassium	100 ppm
							Sodium	100 ppm
							Ti	2 ppm
					M6020ICS-0B_00004	1 mL	Arsenic	0.02 ppm
							Cadmium	0.02 ppm

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Pittsburgh

Job No.: 240-17467-2

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chromium	0.02 ppm
							Cobalt	0.02 ppm
							Copper	0.02 ppm
							Manganese	0.0225 ppm
							Nickel	0.02 ppm
							Silver	0.02 ppm
							Zinc	0.025 ppm
					MMSICSAB-1_00004	0.2 mL	Barium	0.02 ppm
							Beryllium	0.02 ppm
							Lead	0.02 ppm
							Sr	0.02 ppm
							Thallium	0.02 ppm
							Vanadium	0.02 ppm
					MMSICSAB-2_00004	0.2 mL	Antimony	0.02 ppm
		B	0.05 ppm					
		Selenium	0.05 ppm					
		Si	0.5 ppm					
		Sn	0.1 ppm					
.M6020ICS-0A_00003	11/01/13	Inorganic Ventures, Lot F2-MEB418129			(Purchased Reagent)		Aluminum	1000 ppm
							Calcium	1000 ppm
							Iron	1000 ppm
							Magnesium	1000 ppm
							Mo	20 ppm
							Potassium	1000 ppm
							Sodium	1000 ppm
							Ti	20 ppm
.M6020ICS-0B_00004	11/01/13	Inorganic Ventures, Lot F2-MEB415126			(Purchased Reagent)		Arsenic	2 ppm
							Cadmium	2 ppm
							Chromium	2 ppm
							Cobalt	2 ppm
							Copper	2 ppm
							Manganese	2.25 ppm
							Nickel	2 ppm
							Silver	2 ppm
							Zinc	2.5 ppm
.MMSICSAB-1_00004	04/01/13	Inorganic Ventures, Lot F2-MEB415033			(Purchased Reagent)		Barium	10 ppm
							Beryllium	10 ppm
							Lead	10 ppm
							Sr	10 ppm
							Thallium	10 ppm
							Vanadium	10 ppm
.MMSICSAB-2_00004	04/01/13	Inorganic Ventures, Lot F2-MEB361116			(Purchased Reagent)		Antimony	10 ppm
							B	25 ppm
							Selenium	25 ppm
							Si	250 ppm
							Sn	50 ppm
MICSAX_00023	03/08/13	12/08/12	DI Water, Lot J38N82	100 mL	M6020ICS-0A_00003	10 mL	Aluminum	100 ppm

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Pittsburgh Job No.: 240-17467-2

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Calcium	100 ppm
							Iron	100 ppm
							Magnesium	100 ppm
							Mo	2 ppm
							Potassium	100 ppm
							Sodium	100 ppm
							Ti	2 ppm
.M6020ICS-0A_00003	11/01/13		Inorganic Ventures, Lot F2-MEB418129		(Purchased Reagent)		Aluminum	1000 ppm
							Calcium	1000 ppm
							Iron	1000 ppm
							Magnesium	1000 ppm
							Mo	20 ppm
							Potassium	1000 ppm
							Sodium	1000 ppm
							Ti	20 ppm
MSTD2X_00015	02/18/13	11/18/12	DI Water, Lot K35N55	250 mL	MCALSPECAREV_00003	10 mL	Aluminum	1 ppm
							Arsenic	0.2 ppm
							Barium	0.2 ppm
							Beryllium	0.2 ppm
							Cadmium	0.2 ppm
							Calcium	100 ppm
							Chromium	0.2 ppm
							Cobalt	0.2 ppm
							Copper	0.2 ppm
							Iron	50 ppm
							Lead	0.2 ppm
							Magnesium	100 ppm
							Manganese	1 ppm
							Nickel	0.2 ppm
							Potassium	100 ppm
							Selenium	0.2 ppm
							Silver	0.2 ppm
							Sodium	100 ppm
							Thallium	0.2 ppm
							Vanadium	0.2 ppm
							Zinc	0.2 ppm
.MCALSPECAREV_00003	04/01/13		Inorganic Ventures, Lot F2-MEB415031		(Purchased Reagent)		Aluminum	25 ppm
							Arsenic	5 ppm
							Barium	5 ppm
							Beryllium	5 ppm
							Cadmium	5 ppm
							Calcium	2500 ppm
							Chromium	5 ppm
							Cobalt	5 ppm
							Copper	5 ppm
							Iron	1250 ppm
							Lead	5 ppm

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Pittsburgh Job No.: 240-17467-2

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Magnesium	2500 ppm
							Manganese	25 ppm
							Nickel	5 ppm
							Potassium	2500 ppm
							Selenium	5 ppm
							Silver	5 ppm
							Sodium	2500 ppm
							Thallium	5 ppm
							Vanadium	5 ppm
							Zinc	5 ppm
MSTD3X_00016	02/18/13	11/18/12	DI Water, Lot K35N55	250 mL	MCALSPECB_00004	10 mL	Antimony	0.2 ppm
.MCALSPECB_00004	04/01/13		Inorganic Ventures, Lot F2-MEB415032		(Purchased Reagent)		Antimony	5 ppm
MTAPITTICPMS_00008	03/01/13		INORGANIC VENTURES, Lot F2-MEB410066		(Purchased Reagent)		Aluminum	200 ug/mL
							Arsenic	4 ug/mL
							Barium	200 ug/mL
							Beryllium	5 ug/mL
							Cadmium	5 ug/mL
							Chromium	20 ug/mL
							Cobalt	50 ug/mL
							Copper	25 ug/mL
							Iron	100 ug/mL
							Lead	2 ug/mL
							Manganese	50 ug/mL
							Nickel	50 ug/mL
							Selenium	1 ug/mL
							Silver	5 ug/mL
							Thallium	5 ug/mL
							Vanadium	50 ug/mL
							Zinc	50 ug/mL
MTAPITMISA_00008	07/01/13		INORGANIC VENTURES, Lot E2-MEB404058MCA		(Purchased Reagent)		Calcium	5000 ug/mL
							Magnesium	5000 ug/mL
							Potassium	5000 ug/mL
							Sodium	5000 ug/mL
MTAPITMISC_00013	07/01/13		Inorganic Ventures, Lot F2-MED427091		(Purchased Reagent)		Antimony	50 ug/mL

#350253 3/9/12 RJR



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CERTIFICATE OF ANALYSIS

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1.0 INORGANIC VENTURES is an ISO Guide 34 "General Requirements for the Competence of Reference Material Producers" and ISO 9001 registered manufacturer. Our manufacturing laboratory is accredited to ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories."



2.0 DESCRIPTION OF CRM Custom Solution
Catalog No.: TAPITT-CAL-SPECA-REV
Lot Number: **F2-MEB415031**
Matrix: 3% HNO₃(v/v)

2,500 µg/mL ea:

Ca, K, Mg, Na,

1,250 µg/mL ea:

Fe,

25 µg/mL ea:

Al, Mn,

5 µg/mL ea:

Ag, As, Ba, Be, Cd, Co, Cr₃, Cu, Ni,

Pb, Se, Sr, Tl, V, Zn

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE
Aluminum, Al	25.00 ± 0.18 µg/mL	Arsenic, As	5.000 ± 0.032 µg/mL	Barium, Ba	4.999 ± 0.036 µg/mL
Beryllium, Be	5.002 ± 0.036 µg/mL	Cadmium, Cd	5.000 ± 0.032 µg/mL	Calcium, Ca	2,500 ± 16 µg/mL
Chromium+3, Cr ₃	5.001 ± 0.032 µg/mL	Cobalt, Co	5.003 ± 0.032 µg/mL	Copper, Cu	5.001 ± 0.032 µg/mL
Iron, Fe	1,250 ± 8 µg/mL	Lead, Pb	5.002 ± 0.032 µg/mL	Magnesium, Mg	2,500 ± 16 µg/mL
Manganese, Mn	25.02 ± 0.15 µg/mL	Nickel, Ni	4.999 ± 0.028 µg/mL	Potassium, K	2,500 ± 16 µg/mL
Selenium, Se	5.002 ± 0.028 µg/mL	Silver, Ag	4.999 ± 0.032 µg/mL	Sodium, Na	2,500 ± 16 µg/mL
Strontium, Sr	5.001 ± 0.032 µg/mL	Thallium, Tl	5.002 ± 0.032 µg/mL	Vanadium, V	4.999 ± 0.032 µg/mL
Zinc, Zn	5.001 ± 0.028 µg/mL				

Certified Density: 1.051 g/mL (measured at 20 ± 1° C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of $k = 2$.

$$\text{Certified Value } (\bar{x}) = \frac{\sum x_i}{n}$$

(\bar{x}) = mean

x_i = individual results

n = number of measurements

$$\text{Uncertainty } (\pm) = 2 \left[\sum (s_i)^2 \right]^{1/2}$$

2 = the coverage factor.

$\left[\sum (s_i)^2 \right]^{1/2}$ = The square root of the sum of the squares of the most common errors (where 's' stands for the standard deviation) from instrumental measurement, density, NIST SRM uncertainty, weighing, dilution to volume, homogeneity, long term stability and short term stability.

4.0 TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

· "Property of the result of a measurement or the value of a standard whereby it can be related to stated references, usually national or international standards, through an unbroken chain of comparisons all having stated uncertainties." (ISO VIM, 2nd ed., 1993, definition 6.10)

· This product is Traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRMs are available, the term 'in-house std.' is specified.

4.1 ASSAY INFORMATION

ELEMENT	METHOD	NIST SRM#	SRM LOT#	ELEMENT	METHOD	NIST SRM#	SRM LOT#
Ag	ICP Assay	3151	992212	Ag	Volhard	999b	999b
Al	ICP Assay	3101a	060502	Al	EDTA	928	928
As	Calculated		See Sec. 4.2	As	ICP Assay	3103a	010713
Ba	Gravimetric		See Sec. 4.2	Ba	ICP Assay	3104a	070222
Be	Calculated		See Sec. 4.2	Be	ICP Assay	3105a	892707
Ca	ICP Assay	3109a	050825	Ca	EDTA	928	928
Cd	ICP Assay	3108	060531	Cd	EDTA	928	928
Co	ICP Assay	3113	00630	Co	EDTA	928	928
Cr3	Calculated		See Sec. 4.2	Cr3	ICP Assay	3112a	030730
Cu	ICP Assay	3114	011017	Cu	EDTA	928	928
Fe	ICP Assay	3126a	051031	Fe	EDTA	928	928
K	Gravimetric		See Sec. 4.2	K	ICP Assay	3141a	051220
Mg	ICP Assay	3131a	050302	Mg	EDTA	928	928
Mn	ICP Assay	3132	050429	Mn	EDTA	928	928
Na	Gravimetric		See Sec. 4.2	Na	ICP Assay	3152a	010728
Ni	ICP Assay	3136	000612	Ni	EDTA	928	928
Pb	ICP Assay	3128	030721	Pb	EDTA	928	928
Se	Calculated		See Sec. 4.2	Se	ICP Assay	3149	992106
Sr	ICP Assay	3153a	990906	Sr	EDTA	928	928
Tl	Calculated		See Sec. 4.2	Tl	ICP Assay	3158	993012
V	ICP Assay	3165	992706	V	EDTA	928	928
Zn	ICP Assay	3168a	080123	Zn	EDTA	928	928

- 4.2 **BALANCE CALIBRATION** - All analytical balances are calibrated yearly by an A2LA accredited calibration laboratory and are traceable to a class E 2 analytical weight set with NIST Traceability. All balances are checked daily using an in-house procedure. The weights used for testing are annually compared to master weights and are traceable to the National Institute of Standards and Technology (NIST).
- 4.3 **THERMOMETER CALIBRATION** - All thermometers are NIST traceable through thermometers that are calibrated by an A2LA accredited calibration laboratory.
- 4.4 **GLASSWARE CALIBRATION** - An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM's.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES IN µg/mL - N/A

6.0 INTENDED USE

For the calibration of analytical instruments including but not limited to the following:
HPLC, IC, TLC, ISE, IR, NMR, UV/VIS, MS, Capillary Electrophoresis, Potentiometry, Wet Chemistry and Voltammetry
For the validation of analytical methods
For the preparation of "working reference samples"
For interference studies and the determination of correction coefficients
For detection limit and linearity studies
For additional intended uses, contact Technical Staff

This CRM was manufactured using 18 megohm doubly deionized water that has been filtered through a 0.2 micron filter.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

Storage & Handling - Keep Tightly sealed when not in use. Store and use at $20 \pm 4^{\circ}\text{C}$. Do Not pipette from the container. Do Not return portions removed from pipetting to container.

Element Specific Information - For specific information regarding any element: Contact technical staff.

Uranium Note: If uranium is present in this standard, it is natural abundance unless specified in Section 3.0.

Low Silver Note: This solution contains "LOW" levels of Silver. Please store this entire bottle inside a sealed glass jar.

8.0 HAZARDOUS INFORMATION - Please refer to the enclosed Material Safety Data sheet for information regarding this CRM.

9.0 HOMOGENEITY - This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Inorganic Ventures homogeneity data indicate that the end user should take a minimum sample size of 0.2mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration - QMI File Number 010105

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration" - Chemical Testing - Accredited A2LA Certificate Number 883.01

10.3 ISO/IEC Guide 34 "General Requirements for the Competence of Reference Material Producers" - Reference Materials Production - Accredited A2LA Certificate Number 883.02

10.4 10CFR50 Appendix B - Nuclear Regulatory Commission - Domestic Licensing of Production and Utilization Facilities

10.5 10CFR21 - Nuclear Regulatory Commission - Reporting Defects and Non-Compliance

11.0 DATE OF CERTIFICATION AND PERIOD OF VALIDITY

11.1 Shelf Life - The period of time during which the concentration of the analyte(s) in a properly packaged, unopened, and unused standard stored under environmentally controlled and monitored conditions will remain within the specified uncertainty range. Shelf life is limited primarily by transpiration (loss of water from the solution) and infrequently, by chemical instability. Transpiration studies of chemically-stable solutions performed at the manufacturer's facility show a CRM shelf-life of twenty one months for solutions packaged in 125-mL low density polyethylene bottles. When stored under special conditions that minimize transpiration and instability, the shelf life can be extended past this limit.

11.2 Expiration Date - The date after which a CRM should not be used. Routine laboratory use of a CRM increases transpiration losses and the chance of contamination which affect the integrity of the CRM and limit its useful life. Manufacturer concurs with state and federal regulatory agencies' recommendations that solution standards be assigned a one-year expiration date.

11.3 Chemical Stability - Studies have been conducted on this or similar CRMs and it has been demonstrated that this CRM is chemically stable for a period of not less than two years provided the "Storage & Handling" conditions are followed that are described in section 7.0.

Certification Date: March 06, 2012

Expiration Date: **EXPIRES**
01 APR 2013

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Prepared By: Donna Senn, Product Documentation Technician



Certificate Approved By: Brian Alexander, PhD., Quality Control Supervisor



Certifying Officer: Paul Gaines, PhD., Senior Technical Director



1.0 INORGANIC VENTURES is an ISO Guide 34 "General Requirements for the Competence of Reference Material Producers" and ISO 9001 registered manufacturer. Our manufacturing laboratory is accredited to ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories."



2.0 DESCRIPTION OF CRM Custom Solution
 Catalog No.: TAPITT-CAL-SPECB
 Lot Number: **F2-MEB415032**
 Matrix: tr. HF, 3% HNO₃(v/v)

250 µg/mL ea:

Si,

5 µg/mL ea:

B, Mo, Sb, Sn, Ti

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE
Antimony, Sb	5.002 ± 0.045 µg/mL	Boron, B	5.000 ± 0.032 µg/mL	Molybdenum, Mo	5.002 ± 0.035 µg/mL
Silicon, Si	250.1 ± 1.2 µg/mL	Tin, Sn	5.002 ± 0.041 µg/mL	Titanium, Ti	5.002 ± 0.039 µg/mL

Certified Density: 1.016 g/mL (measured at 20 ± 1° C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

$$\text{Certified Value } (\bar{x}) = \frac{\sum x_i}{n}$$

(\bar{x}) = mean

x_i = individual results

n = number of measurements

$$\text{Uncertainty } (\pm) = 2 \left[\sum (s_i)^2 \right]^{1/2}$$

2 = the coverage factor.

$\left[\sum (s_i)^2 \right]^{1/2}$ = The square root of the sum of the squares of the most common errors (where 's' stands for the standard deviation) from instrumental measurement, density, NIST SRM uncertainty, weighing, dilution to volume, homogeneity, long term stability and short term stability.

4.0 TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

· "Property of the result of a measurement or the value of a standard whereby it can be related to stated references, usually national or international standards, through an unbroken chain of comparisons all having stated uncertainties." (ISO VIM, 2nd ed., 1993, definition 6.10)

· This product is Traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRMs are available, the term 'in-house std.' is specified.

4.1 ASSAY INFORMATION

ELEMENT	METHOD	NIST SRM#	SRM LOT#	ELEMENT	METHOD	NIST SRM#	SRM LOT#
B	Calculated		See Sec. 4.2	B	ICP Assay	3107	070514
Mo	Calculated		See Sec. 4.2	Mo	ICP Assay	3134	891307
Sb	Calculated		See Sec. 4.2	Sb	ICP Assay	3102A	061229
Si	Calculated		See Sec. 4.2	Si	ICP Assay	3150	071204
Sn	Calculated		See Sec. 4.2	Sn	ICP Assay	3161a	070330
Ti	Calculated		See Sec. 4.2	Ti	ICP Assay	3162a	060808

4.2 **BALANCE CALIBRATION** - All analytical balances are calibrated yearly by an A2LA accredited calibration laboratory and are traceable to a class E 2 analytical weight set with NIST Traceability. All balances are checked daily using an in-house procedure. The weights used for testing are annually compared to master weights and are traceable to the National Institute of Standards and Technology (NIST).

4.3 **THERMOMETER CALIBRATION** - All thermometers are NIST traceable through thermometers that are calibrated by an A2LA accredited calibration laboratory.

4.4 **GLASSWARE CALIBRATION** - An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM's.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES IN µg/mL - N/A

6.0 INTENDED USE

For the calibration of analytical instruments including but not limited to the following:

HPLC, IC, TLC, ISE, IR, NMR, UV/VIS, MS, Capillary Electrophoresis, Potentiometry, Wet Chemistry and Voltammetry

For the validation of analytical methods

For the preparation of "working reference samples"

For interference studies and the determination of correction coefficients

For detection limit and linearity studies

For additional intended uses, contact Technical Staff

This CRM was manufactured using 18 megohm doubly deionized water that has been filtered through a 0.2 micron filter.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

Storage & Handling - Keep **Tightly** sealed when not in use. Store and use at $20 \pm 4^\circ\text{C}$. **Do Not** pipette from the container. **Do Not** return portions removed from pipetting to container.

Element Specific Information - For specific information regarding any element: Contact technical staff.

Uranium Note: If uranium is present in this standard, it is natural abundance unless specified in Section 3.0.

HF Note: This standard should not be prepared or stored in glass.

8.0 HAZARDOUS INFORMATION - Please refer to the enclosed Material Safety Data sheet for information regarding this CRM.

9.0 HOMOGENEITY - This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Inorganic Ventures homogeneity data indicate that the end user should take a minimum sample size of 0.2mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

- 10.1 ISO 9001 Quality Management System Registration
- QMI File Number 010105
- 10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration"
- Chemical Testing - Accredited A2LA Certificate Number 883.01
- 10.3 ISO/IEC Guide 34 "General Requirements for the Competence of Reference Material Producers"
- Reference Materials Production - Accredited A2LA Certificate Number 883.02
- 10.4 10CFR50 Appendix B - Nuclear Regulatory Commission
- Domestic Licensing of Production and Utilization Facilities
- 10.5 10CFR21 - Nuclear Regulatory Commission
- Reporting Defects and Non-Compliance

11.0 DATE OF CERTIFICATION AND PERIOD OF VALIDITY

11.1 Shelf Life - The period of time during which the concentration of the analyte(s) in a properly packaged, unopened, and unused standard stored under environmentally controlled and monitored conditions will remain within the specified uncertainty range. Shelf life is limited primarily by transpiration (loss of water from the solution) and infrequently, by chemical instability. Transpiration studies of chemically-stable solutions performed at the manufacturer's facility show a CRM shelf-life of twenty one months for solutions packaged in 125-mL low density polyethylene bottles. When stored under special conditions that minimize transpiration and instability, the shelf life can be extended past this limit.

11.2 Expiration Date - The date after which a CRM should not be used. Routine laboratory use of a CRM increases transpiration losses and the chance of contamination which affect the integrity of the CRM and limit its useful life. Manufacturer concurs with state and federal regulatory agencies' recommendations that solution standards be assigned a one-year expiration date.

11.3 Chemical Stability - Studies have been conducted on this or similar CRMs and it has been demonstrated that this CRM is chemically stable for a period of not less than two years provided the "Storage & Handling" conditions are followed that are described in section 7.0.

Certification Date: March 06, 2012

Expiration Date: **EXPIRES**
01 ^A 2013

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Prepared By: Donna Senn, Product Documentation
Technician



Certificate Approved By: Brian Alexander, PhD., Quality Control Supervisor



Certifying Officer: Paul Gaines, PhD., Senior Technical Director



#350255 3/9/12 RJR



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CERTIFICATE OF ANALYSIS

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1.0 **INORGANIC VENTURES** is an ISO Guide 34 "General Requirements for the Competence of Reference Material Producers" and ISO 9001 registered manufacturer. Our manufacturing laboratory is accredited to ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories."



2.0 **DESCRIPTION OF CRM** Custom Solution
Catalog No.: TAPITT-MSICSAB-1
Lot Number: **F2-MEB415033**
Matrix: 3% HNO₃(v/v)

10 µg/mL ea:

Ba, Be, Pb, Sr, Tl, V

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE
Barium, Ba	10.00 ± 0.07 µg/mL	Beryllium, Be	10.00 ± 0.07 µg/mL	Lead, Pb	10.00 ± 0.06 µg/mL
Strontium, Sr	10.00 ± 0.06 µg/mL	Thallium, Tl	10.00 ± 0.06 µg/mL	Vanadium, V	10.00 ± 0.06 µg/mL

Certified Density: 1.014 g/mL (measured at 20 ± 1° C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

$$\text{Certified Value } (\bar{x}) = \frac{\sum x_i}{n}$$

(\bar{x}) = mean

x_i = individual results

n = number of measurements

$$\text{Uncertainty } (\pm) = 2 \left[\sum (s_i)^2 \right]^{1/2}$$

2 = the coverage factor.

$\left[\sum (s_i)^2 \right]^{1/2}$ = The square root of the sum of the squares of the most common errors (where 's' stands for the standard deviation) from instrumental measurement, density, NIST SRM uncertainty, weighing, dilution to volume, homogeneity, long term stability and short term stability.

4.0 TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

· "Property of the result of a measurement or the value of a standard whereby it can be related to stated references, usually national or international standards, through an unbroken chain of comparisons all having stated uncertainties." (ISO VIM, 2nd ed., 1993, definition 6.10)

· This product is Traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRMs are available, the term 'in-house std.' is specified.

4.1 ASSAY INFORMATION

ELEMENT	METHOD	NIST SRM#	SRM LOT#	ELEMENT	METHOD	NIST SRM#	SRM LOT#
Ba	Gravimetric		See Sec. 4.2	Ba	ICP Assay	3104a	070222
Be	Calculated		See Sec. 4.2	Be	ICP Assay	3105a	892707
Pb	ICP Assay	3128	030721	Pb	EDTA	928	928
Sr	ICP Assay	3153a	990906	Sr	EDTA	928	928
Tl	Calculated		See Sec. 4.2	Tl	ICP Assay	3158	993012
V	ICP Assay	3165	992706	V	EDTA	928	928

4.2 **BALANCE CALIBRATION** - All analytical balances are calibrated yearly by an A2LA accredited calibration laboratory and are traceable to a class E 2 analytical weight set with NIST Traceability. All balances are checked daily using an in-house procedure. The weights used for testing are annually compared to master weights and are traceable to the National Institute of Standards and Technology (NIST).

4.3 **THERMOMETER CALIBRATION** - All thermometers are NIST traceable through thermometers that are calibrated by an A2LA accredited calibration laboratory.

4.4 **GLASSWARE CALIBRATION** - An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM's.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES IN µg/mL - N/A

6.0 INTENDED USE

For the calibration of analytical instruments including but not limited to the following:
HPLC, IC, TLC, ISE, IR, NMR, UV/VIS, MS, Capillary Electrophoresis, Potentiometry, Wet Chemistry and Voltammetry
For the validation of analytical methods
For the preparation of "working reference samples"
For interference studies and the determination of correction coefficients
For detection limit and linearity studies
For additional intended uses, contact Technical Staff

This CRM was manufactured using 18 megohm doubly deionized water that has been filtered through a 0.2 micron filter.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

Storage & Handling - Keep **Tightly** sealed when not in use. Store and use at $20 \pm 4^\circ\text{C}$. **Do Not** pipette from the container. **Do Not** return portions removed from pipetting to container.

Element Specific Information - For specific information regarding any element: Contact technical staff.

Uranium Note: If uranium is present in this standard, it is natural abundance unless specified in Section 3.0.

8.0 HAZARDOUS INFORMATION - Please refer to the enclosed Material Safety Data sheet for information regarding this CRM.

9.0 HOMOGENEITY - This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Inorganic Ventures homogeneity data indicate that the end user should take a minimum sample size of 0.2mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration
- QMI File Number 010105

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration"
- Chemical Testing - Accredited A2LA Certificate Number 883.01

10.3 ISO/IEC Guide 34 "General Requirements for the Competence of Reference Material Producers"
- Reference Materials Production - Accredited A2LA Certificate Number 883.02

10.4 10CFR50 Appendix B - Nuclear Regulatory Commission
- Domestic Licensing of Production and Utilization Facilities

10.5 10CFR21 - Nuclear Regulatory Commission
- Reporting Defects and Non-Compliance

11.0 DATE OF CERTIFICATION AND PERIOD OF VALIDITY

11.1 Shelf Life - The period of time during which the concentration of the analyte(s) in a properly packaged, unopened, and unused standard stored under environmentally controlled and monitored conditions will remain within the specified uncertainty range. Shelf life is limited primarily by transpiration (loss of water from the solution) and infrequently, by chemical instability. Transpiration studies of chemically-stable solutions performed at the manufacturer's facility show a CRM shelf-life of twenty one months for solutions packaged in 125-mL low density polyethylene bottles. When stored under special conditions that minimize transpiration and instability, the shelf life can be extended past this limit.

11.2 Expiration Date - The date after which a CRM should not be used. Routine laboratory use of a CRM increases transpiration losses and the chance of contamination which affect the integrity of the CRM and limit its useful life. Manufacturer concurs with state and federal regulatory agencies' recommendations that solution standards be assigned a one-year expiration date.

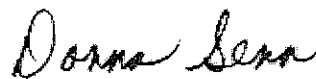
11.3 Chemical Stability - Studies have been conducted on this or similar CRMs and it has been demonstrated that this CRM is chemically stable for a period of not less than two years provided the "Storage & Handling" conditions are followed that are described in section 7.0.

Certification Date: March 06, 2012

Expiration Date: **EXPIRES**
01 2013

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Prepared By: Donna Senn, Product Documentation
Technician



Certificate Approved By: Brian Alexander, PhD., Quality Control Supervisor



Certifying Officer: Paul Gaines, PhD., Senior Technical Director



1.0 INORGANIC VENTURES is an ISO Guide 34 "General Requirements for the Competence of Reference Material Producers" and ISO 9001 registered manufacturer. Our manufacturing laboratory is accredited to ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories."



2.0 DESCRIPTION OF CRM Custom Solution
 Catalog No.: TAPITT-MSICSAB-2
 Lot Number: **E2-MEB361116**
 Matrix: tr. HF, 3% HNO₃(v/v)

250 µg/mL ea:

Si,

50 µg/mL ea:

Sn,

25 µg/mL ea:

B, Se,

10 µg/mL ea:

Sb

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE
Antimony, Sb	10.01 ± 0.05 µg/mL	Boron, B	24.98 ± 0.18 µg/mL	Selenium, Se	25.03 ± 0.33 µg/mL
Silicon, Si	249.8 ± 0.6 µg/mL	Tin, Sn	49.97 ± 0.34 µg/mL		

Certified Density: 1.018 g/mL (measured at 20 ± 1° C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

$$\text{Certified Value } (\bar{x}) = \frac{\sum x_i}{n}$$

(\bar{x}) = mean

x_i = individual results

n = number of measurements

$$\text{Uncertainty } (\pm) = \frac{2 [(\sum s_i)^2]^{1/2}}{(n)^{1/2}}$$

$\sum s_i$ = The summation of all significant estimated errors

(Most common are the errors from instrumental measurement, weighing, dilution to volume and the fixed error reported on the NIST SRM certificate of analysis)

4.0 TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

- "Property of the result of a measurement or the value of a standard whereby it can be related to stated references, usually national or international standards, through an unbroken chain of comparisons all having stated uncertainties." (ISO VIM, 2nd ed., 1993, definition 6.10)

- This product is Traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRMs are available, the term 'in-house std.' is specified.

4.1 ASSAY INFORMATION

ELEMENT	METHOD	NIST SRM#	SRM LOT#	ELEMENT	METHOD	NIST SRM#	SRM LOT#
B	ICP Assay	3107	070514	Sb	Calculated		See Sec. 4.2
Sb	ICP Assay	3102A	061229	Se	Calculated		See Sec. 4.2
Se	ICP Assay	3149	992106	Si	Calculated		See Sec. 4.2
Si	ICP Assay	3150	071204	Sn	Calculated		See Sec. 4.2
Sn	ICP Assay	3161a	070330				

4.2 **BALANCE CALIBRATION** - All analytical balances are calibrated yearly by an A2LA accredited calibration laboratory and are traceable to a class E 2 analytical weight set with NIST Traceability. All balances are checked daily using an in-house procedure. The weights used for testing are annually compared to master weights and are traceable to the National Institute of Standards and Technology (NIST).

4.3 **THERMOMETER CALIBRATION** - All thermometers are NIST traceable through thermometers that are calibrated by an A2LA accredited calibration laboratory.

4.4 **GLASSWARE CALIBRATION** - An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM's.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES IN $\mu\text{g/mL}$ - N/A

6.0 INTENDED USE

For the calibration of analytical instruments including but not limited to the following:

HPLC, IC, TLC, ISE, IR, NMR, UV/VIS, MS, Capillary Electrophoresis, Potentiometry, Wet Chemistry and Voltammetry

For the validation of analytical methods

For the preparation of "working reference samples"

For interference studies and the determination of correction coefficients

For detection limit and linearity studies

For additional intended uses, contact Technical Staff

This CRM was manufactured using 18 megohm doubly deionized water that has been filtered through a 0.2 micron filter.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

Storage & Handling - Keep Tightly sealed when not in use. Store and use at $20 \pm 4^\circ\text{C}$. Do Not pipette from the container. Do Not return portions removed from pipetting to container.

Element Specific Information - For specific information regarding any element: Contact technical staff.

Uranium Note: If uranium is present in this standard, it is natural abundance unless specified in Section 3.0.

HF Note: This standard should not be prepared or stored in glass.

8.0 HAZARDOUS INFORMATION - Please refer to the enclosed Material Safety Data sheet for information regarding this CRM.

9.0 HOMOGENEITY - This solution was mixed according to in-house procedure IV-MPM-004 and is guaranteed to be homogeneous.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QMI File Number 010105

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration"

- Chemical Testing - Accredited A2LA Certificate Number 883.01

10.3 ISO/IEC Guide 34 "General Requirements for the Competence of Reference Material Producers"

- Reference Materials Production - Accredited A2LA Certificate Number 883.02

10.4 10CFR50 Appendix B - Nuclear Regulatory Commission

- Domestic Licensing of Production and Utilization Facilities

10.5 10CFR21 - Nuclear Regulatory Commission

- Reporting Defects and Non-Compliance

11.0 DATE OF CERTIFICATION AND PERIOD OF VALIDITY

11.1 Shelf Life - The period of time during which the concentration of the analyte(s) in a properly packaged, unopened, and unused standard stored under environmentally controlled and monitored conditions will remain within the specified uncertainty range. Shelf life is limited primarily by transpiration (loss of water from the solution) and infrequently, by chemical instability. Transpiration studies of chemically-stable solutions performed at the manufacturer's facility show a CRM shelf-life of twenty one months for solutions packaged in 125-mL low density polyethylene bottles. When stored under special conditions that minimize transpiration and instability, the shelf life can be extended past this limit.

11.2 Expiration Date - The date after which a CRM should not be used. Routine laboratory use of a CRM increases transpiration losses and the chance of contamination which affect the integrity of the CRM and limit its useful life. Manufacturer concurs with state and federal regulatory agencies' recommendations that solution standards be assigned a one-year expiration date.

11.3 Chemical Stability - Studies have been conducted on this or similar CRMs and it has been demonstrated that this CRM is chemically stable for a period of not less than two years provided the "Storage & Handling" conditions are followed that are described in section 7.0.

Certification Date: January 26, 2011

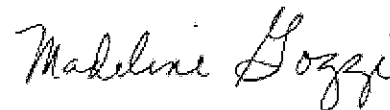
Expiration Date: **EXPIRES**
01 2013

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Prepared By: Donna Senn, Product Documentation Technician



Certificate Approved By: Madeline Gozzi, Quality Control Supervisor

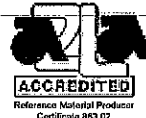


Certifying Officer: Paul Gaines, PhD., Senior Technical Director



CH 713/2012

1.0 **INORGANIC VENTURES** is an ISO Guide 34 "General Requirements for the Competence of Reference Material Producers" and ISO 9001 registered manufacturer. Our manufacturing laboratory is accredited to ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories."



2.0 **DESCRIPTION OF CRM** Custom Solution
 Catalog No.: TAPITT-MS-A
 Lot Number: **E2-MEB404058MCA**
 Matrix: 3% HNO₃(v/v)

5,000 µg/mL ea:

Ca, K, Mg, Na

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE
Calcium, Ca	5,000 ± 32 µg/mL	Magnesium, Mg	5,000 ± 32 µg/mL	Potassium, K	5,000 ± 32 µg/mL
Sodium, Na	5,000 ± 32 µg/mL				

Certified Density: 1.073 g/mL (measured at 20 ± 1° C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

$$\text{Certified Value } (\bar{x}) = \frac{\sum x_i}{n}$$

 $(\bar{x}) = \text{mean}$
 $x_i = \text{individual results}$
 $n = \text{number of measurements}$

$$\text{Uncertainty } (\pm) = \frac{2 [(\sum s_i)^2]^{1/2}}{(n)^{1/2}}$$

 $\sum s_i = \text{The summation of all significant estimated errors}$

(Most common are the errors from instrumental measurement, weighing, dilution to volume and the fixed error reported on the NIST SRM certificate of analysis)

4.0 TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

- "Property of the result of a measurement or the value of a standard whereby it can be related to stated references, usually national or international standards, through an unbroken chain of comparisons all having stated uncertainties." (ISO VIM, 2nd ed., 1993, definition 6.10)
- This product is Traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRMs are available, the term 'in-house std.' is specified.

4.1 ASSAY INFORMATION

ELEMENT	METHOD	NIST SRM#	SRM LOT#	ELEMENT	METHOD	NIST SRM#	SRM LOT#
Ca	ICP Assay	3109a	050825	Ca	EDTA	928	928
K	Gravimetric		See Sec. 4.2	K	ICP Assay	3141a	051220
Mg	ICP Assay	3131a	050302	Mg	EDTA	928	928
Na	Gravimetric		See Sec. 4.2	Na	ICP Assay	3152a	010728

4.2 **BALANCE CALIBRATION** - All analytical balances are calibrated yearly by an A2LA accredited calibration laboratory and are traceable to a class E 2 analytical weight set with NIST Traceability. All balances are checked daily using an in-house procedure. The weights used for testing are annually compared to master weights and are traceable to the National Institute of Standards and Technology (NIST).

4.3 **THERMOMETER CALIBRATION** - All thermometers are NIST traceable through thermometers that are calibrated by an A2LA accredited calibration laboratory.

4.4 **GLASSWARE CALIBRATION** - An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM's.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES IN µg/mL - N/A

6.0 INTENDED USE

For the calibration of analytical instruments including but not limited to the following:
HPLC, IC, TLC, ISE, IR, NMR, UV/VIS, MS, Capillary Electrophoresis, Potentiometry, Wet Chemistry and Voltammetry
For the validation of analytical methods
For the preparation of "working reference samples"
For interference studies and the determination of correction coefficients
For detection limit and linearity studies
For additional intended uses, contact Technical Staff

This CRM was manufactured using 18 megohm doubly deionized water that has been filtered through a 0.2 micron filter.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

Storage & Handling - Keep **Tightly** sealed when not in use. Store and use at $20 \pm 4^\circ\text{C}$. **Do Not** pipette from the container. **Do Not** return portions removed from pipetting to container.

Element Specific Information - For specific information regarding any element: Contact technical staff.

Uranium Note: If uranium is present in this standard, it is natural abundance unless specified in Section 3.0.

8.0 HAZARDOUS INFORMATION - Please refer to the enclosed Material Safety Data sheet for information regarding this CRM.

9.0 HOMOGENEITY - This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 **ISO 9001 Quality Management System Registration**
- QMI File Number 010105

10.2 **ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration"**
- Chemical Testing - Accredited A2LA Certificate Number 883.01

10.3 **ISO/IEC Guide 34 "General Requirements for the Competence of Reference Material Producers"**
- Reference Materials Production - Accredited A2LA Certificate Number 883.02

10.4 **10CFR50 Appendix B - Nuclear Regulatory Commission**
- Domestic Licensing of Production and Utilization Facilities

10.5 **10CFR21 - Nuclear Regulatory Commission**
- Reporting Defects and Non-Compliance


11.0 DATE OF CERTIFICATION AND PERIOD OF VALIDITY

11.1 Shelf Life - The period of time during which the concentration of the analyte(s) in a properly packaged, unopened, and unused standard stored under environmentally controlled and monitored conditions will remain within the specified uncertainty range. Shelf life is limited primarily by transpiration (loss of water from the solution) and infrequently, by chemical instability. Transpiration studies of chemically-stable solutions performed at the manufacturer's facility show a CRM shelf-life of twenty one months for solutions packaged in 125-mL low density polyethylene bottles. When stored under special conditions that minimize transpiration and instability, the shelf life can be extended past this limit.

11.2 Expiration Date - The date after which a CRM should not be used. Routine laboratory use of a CRM increases transpiration losses and the chance of contamination which affect the integrity of the CRM and limit its useful life. Manufacturer concurs with state and federal regulatory agencies' recommendations that solution standards be assigned a one-year expiration date.

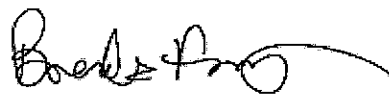
~~11.3 Chemical Stability~~ - Studies have been conducted on this or similar CRMs and it has been demonstrated that this CRM is chemically stable for a period of not less than two years provided the "Storage & Handling" conditions are followed that are described in section 7.0.

Certification Date: January 13, 2012

Expiration Date: 

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Prepared By: Brenda Francis
Product Documentation Technician



Certificate Approved By: Brian Alexander
PHD., Quality Control Supervisor



Certifying Officer: Paul Gaines
PHD., Senior Technical Director



1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product code TAPITMS-A
Product name Multi-element Solution Standard in Dilute Nitric Acid
Common Name Contains: 5000 µg/mL ea: Ca, K, Mg, Na
Manufacturer, importer, supplier Inorganic Ventures
300 Technology Drive
Christiansburg, VA 24073
web: www.inorganicventures.com
Emergency telephone number 800-424-9300 CHEMTREC (24 hrs)

2. COMPOSITION/INFORMATION ON INGREDIENTS

CAS	Chemical Name	% Weight	ACGIH*	OSHA*
7732-18-5	Water	~93.3	N/A	N/A
7697-37-2	Nitric Acid	~3	2 ppm TWA	2 ppm TWA; 5 mg/m3 TWA
7757-79-1	Potassium nitrate	~1.3	N/A	N/A
497-19-8	Sodium Carbonate	~1.2	N/A	N/A
1305-78-8	Calcium Oxide	~0.7	2 mg/m3 TWA	5 mg/m3 TWA
7439-95-4	Magnesium	~0.5	N/A	N/A

* ACGIH - Occupational Exposure Limits - TWAs

* OSHA - Final PELs - Time Weighted Averages (TWAs)

3. HAZARDS IDENTIFICATION
Emergency Overview

- Vapours may be irritating to eyes, nose, throat, and lungs
- Corrosive

Eye contact

- Contact with eyes may cause irritation

Skin contact

- Substance may cause slight skin irritation

Inhalation

- May cause irritation of respiratory tract

Ingestion

- Harmful if swallowed

4. FIRST AID MEASURES
General advice

- Show this safety data sheet to the doctor in attendance

Skin contact

- Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes
- Consult a physician if necessary

Eye contact

- Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes
- Keep eye wide open while rinsing
- If eye irritation persists, consult a specialist

Inhalation

- Move to fresh air in case of accidental inhalation of vapours
- If breathing is difficult, give oxygen
- Consult a physician if necessary

Ingestion

- Call a physician or Poison Control Centre immediately
- If swallowed, seek medical advice immediately and show this container or label
- If conscious, drink plenty of water

5. FIRE-FIGHTING MEASURES
Flash point

NA

Suitable extinguishing media

- Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

Specific hazards

- Thermal decomposition can lead to release of irritating gases and vapours

Specific methods	<ul style="list-style-type: none"> • Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations
Special protective equipment for firefighters	<ul style="list-style-type: none"> • As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear
NFPA (National Fire Protection Association)	<ul style="list-style-type: none"> • Health - 2 • Fire Hazard - 0 • Reactivity - 0
Under conditions giving incomplete combustion, hazardous gases produced may consist of:	<ul style="list-style-type: none"> • nitrogen oxides (NOx).

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	<ul style="list-style-type: none"> • Evacuate personnel to safe areas • Keep people away from and upwind of spill/leak • Wear personal protective equipment • Ensure adequate ventilation
Environmental precautions	<ul style="list-style-type: none"> • Prevent further leakage or spillage if safe to do so • Prevent product from entering drains
Methods for cleaning up	<ul style="list-style-type: none"> • Dam up • Neutralize with lime milk or soda and flush with plenty of water • Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container • After cleaning, flush away traces with water

7. HANDLING AND STORAGE

Handling

Technical measures/Precautions	<ul style="list-style-type: none"> • Use only in area provided with appropriate exhaust ventilation
Safe handling advice	<ul style="list-style-type: none"> • Wear personal protective equipment

Storage

Technical measures/Precautions	<ul style="list-style-type: none"> • Keep in properly labelled containers • Store at room temperature in the original container • Keep containers tightly closed in a dry, cool and well-ventilated place
Incompatible products	<ul style="list-style-type: none"> • organic materials • reducing agents

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protective equipment	
Hand protection	<ul style="list-style-type: none"> • impervious gloves
Eye protection	<ul style="list-style-type: none"> • tightly fitting safety goggles
Respiratory protection	<ul style="list-style-type: none"> • Ensure adequate ventilation
Skin and body protection	<ul style="list-style-type: none"> • Chemical resistant apron • Lab coat
Hygiene measures	<ul style="list-style-type: none"> • When using, do not eat, drink or smoke • Regular cleaning of equipment, work area and clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Form	liquid.
Appearance	clear
Colour	colorless.
Odour	None.

Important Health Safety and Environmental Information

pH	0 to 2
Boiling point/range	100°C
Flash point	N/A

Vapour pressure
Water solubility

NA.
miscible.

10. STABILITY AND REACTIVITY

Stability	<ul style="list-style-type: none"> Stable under normal conditions Hazardous polymerization does not occur
Materials to avoid	<ul style="list-style-type: none"> organic materials reducing agents
Hazardous decomposition products	<ul style="list-style-type: none"> nitrogen oxides (NOx)

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Component Information

CAS	Chemical Name	% Weight	LD50/oral/rat =	LD50/dermal/rat =
7732-18-5	Water	~93.3	N/A	N/A
7697-37-2	Nitric Acid	~3	Inhalation LC50 Rat: 130 mg/kg/4H	Inhalation LC50 Rat: 130 mg/kg/4H
7757-79-1	Potassium nitrate	~1.3	Oral LD50 Rat: 3750 mg/kg	Oral LD50 Rat: 3750 mg/kg
497-19-8	Sodium Carbonate	~1.2	Oral LD50 Rat: 4090 mg/kg	Oral LD50 Rat: 4090 mg/kg
1305-78-8	Calcium Oxide	~0.7	N/A	N/A
7439-95-4	Magnesium	~0.5	N/A	N/A

Product Information

Local effects	Na- . KNO3 - . Poison.
Skin irritation	May cause skin irritation and/or dermatitis.
Eye irritation	May cause eye irritation with susceptible persons.
Inhalation	May cause irritation of respiratory tract.
Ingestion	If ingested, severe burns of the mouth and throat, as well as a danger of perforation of the esophagus and the stomach.
Chronic toxicity	Avoid repeated exposure. KNO3 - . Chronic exposure may cause: Methemoglobinemia, anemia, and nephritis.

12. ECOLOGICAL INFORMATION

Ecotoxicity effects

Component Information

CAS	Chemical Name	% Weight	EFAD*	EFFSD*	EMD - Ecotoxicity*
7732-18-5	Water	~93.3	N/A	N/A	N/A
7697-37-2	Nitric Acid	~3	N/A	N/A	N/A
7757-79-1	Potassium nitrate	~1.3	N/A	N/A	N/A
497-19-8	Sodium Carbonate	~1.2	N/A	96 Hr LC50 bluegill: 320 mg/L (static)	N/A
1305-78-8	Calcium Oxide	~0.7	N/A	N/A	N/A
7439-95-4	Magnesium	~0.5	N/A	N/A	N/A

* EFAD - Ecotoxicity - Freshwater Algae Data

* EFFSD - Ecotoxicity - Freshwater Fish Species Data

* EMD - Ecotoxicity - Microtox Data

Product Information

Do not allow material to contaminate ground water or sewage system

Other information

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products	<ul style="list-style-type: none"> In accordance with local and national regulations
Contaminated packaging	<ul style="list-style-type: none"> Empty containers should be taken for local recycling, recovery or waste disposal

14. TRANSPORT INFORMATION

DOT

UN-No UN3264 / Class 8
 Proper shipping name Corrosive liquid, acidic, inorganic, n.o.s
 Packing group III

IATA-DGR

UN-No UN3264 / Class 8
 Proper shipping name Corrosive liquid, acidic, inorganic, n.o.s
 Packing group III

15. REGULATORY INFORMATION

U.S. INVENTORIES:

CAS	Chemical Name	% Weight	CPCL*	NJRTK*	CERCLA/SARA*
7732-18-5	Water	~93.3	N/A	N/A	N/A
7697-37-2	Nitric Acid	~3	N/A	sn 1356	1000 lb final RQ; 454 kg final RQ
7757-79-1	Potassium nitrate	~1.3	N/A	sn 1574	N/A
497-19-8	Sodium Carbonate	~1.2	N/A	N/A	N/A
1305-78-8	Calcium Oxide	~0.7	N/A	sn 0325	N/A
7439-95-4	Magnesium	~0.5	N/A	sn 1136	N/A

* CPCL - California - Proposition 65 - Carcinogens List
 * NJRTK - New Jersey - Department of Health RTK List
 * CERCLA/SARA - Hazardous Substances and their Reportable Quantities

INTERNATIONAL INVENTORIES:

CAS	Chemical Name	% Weight	WHMIS*	EINECCS - European Union*
7732-18-5	Water	~93.3	Uncontrolled product according to WHMIS classification criteria	231-791-2
7697-37-2	Nitric Acid	~3	C, E (including 60%, 61.3%, 63%, 67%, 67.18%, 70%, 90%); E (10%)	231-714-2
7757-79-1	Potassium nitrate	~1.3	C	231-818-8
497-19-8	Sodium Carbonate	~1.2	N/A	207-838-8
1305-78-8	Calcium Oxide	~0.7	E	215-138-9
7439-95-4	Magnesium	~0.5	B4, B6	231-104-6

* WHMIS - Canada - WHMIS - Classifications of Substances
 * EINECCS - European Union - European inventory of Existing Commercial Chemical Substances (EINECCS)

16. OTHER INFORMATION

The above information is believed to be accurate and represents the best information available to us. It has been compiled from the data presented in various technical publications and our experience and should only be used as a guide for handling this product. It is the user's responsibility to determine the suitability of this information for their particular purposes. We assume that only qualified individuals, trained and familiar with procedures suitable to this product will handle this material. Inorganic Ventures, Inc. assumes no responsibility and shall not be held liable for any damage resulting from misuse of this product.

CH 7/3/2012

1.0 INORGANIC VENTURES is an ISO Guide-34 "General Requirements for the Competence of Reference Material Producers" and ISO 9001 registered manufacturer. Our manufacturing laboratory is accredited to ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories."



2.0 DESCRIPTION OF CRM Custom Solution
 Catalog No.: TAPITT-MS-C
 Lot Number: **F2-MEB427091**
 Matrix: tr. HF, 3% HNO₃(v/v)

1,000 µg/mL ea:

Si,

200 µg/mL ea:

Sn,

100 µg/mL ea:

Mo, Ti,

50 µg/mL ea:

Sb

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE
Antimony, Sb	50.03 ± 0.38 µg/mL	Molybdenum, Mo	100.0 ± 0.8 µg/mL	Silicon, Si	1,000 ± 5 µg/mL
Tin, Sn	200.0 ± 1.3 µg/mL	Titanium, Ti	100.0 ± 0.7 µg/mL		

Certified Density: 1.019 g/mL (measured at 20 ± 1° C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

$$\text{Certified Value } (\bar{x}) = \frac{\sum x_i}{n}$$

(\bar{x}) = mean

x_i = individual results

n = number of measurements

$$\text{Uncertainty } (\pm) = 2 \left[\sum (s_i)^2 \right]^{1/2}$$

2 = the coverage factor.

$\left[\sum (s_i)^2 \right]^{1/2}$ = The square root of the sum of the squares of the most common errors (where s stands for the standard deviation) from instrumental measurement, density, NIST SRM uncertainty, weighing, dilution to volume, homogeneity, long term stability and short term stability.

4.0 TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

· "Property of the result of a measurement or the value of a standard whereby it can be related to stated references, usually national or international standards, through an unbroken chain of comparisons all having stated uncertainties." (ISO VIM, 2nd ed., 1993, definition 6.10)

· This product is Traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRMs are available, the term 'in-house std.' is specified.

4.1 ASSAY INFORMATION

ELEMENT	METHOD	NIST SRM#	SRM LOT#	ELEMENT	METHOD	NIST SRM#	SRM LOT#
Mo	Calculated		See Sec. 4.2	Mo	ICP Assay	3134	891307
Sb	Calculated		See Sec. 4.2	Sb	ICP Assay	3102A	061229
Si	Calculated		See Sec. 4.2	Si	ICP Assay	3150	071204
Sn	Calculated		See Sec. 4.2	Sn	ICP Assay	3161a	070330
Ti	ICP Assay	3162a	060808				

4.2 **BALANCE CALIBRATION** - All analytical balances are calibrated yearly by an A2LA accredited calibration laboratory and are traceable to a class E 2 analytical weight set with NIST Traceability. All balances are checked daily using an in-house procedure. The weights used for testing are annually compared to master weights and are traceable to the National Institute of Standards and Technology (NIST).

4.3 **THERMOMETER CALIBRATION** - All thermometers are NIST traceable through thermometers that are calibrated by an A2LA accredited calibration laboratory.

4.4 **GLASSWARE CALIBRATION** - An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM's.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES IN µg/mL - N/A

6.0 INTENDED USE

For the calibration of analytical instruments including but not limited to the following:
HPLC, IC, TLC, ISE, IR, NMR, UV/VIS, MS, Capillary Electrophoresis, Potentiometry, Wet Chemistry and Voltammetry
For the validation of analytical methods
For the preparation of "working reference samples"
For interference studies and the determination of correction coefficients
For detection limit and linearity studies
For additional intended uses, contact Technical Staff

This CRM was manufactured using 18 megohm doubly deionized water that has been filtered through a 0.2 micron filter.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

Storage & Handling - Keep Tightly sealed when not in use. Store and use at 20 ± 4°C. Do Not pipette from the container. Do Not return portions removed from pipetting to container.

Element Specific Information - For specific information regarding any element: Contact technical staff.

Uranium Note: If uranium is present in this standard, it is natural abundance unless specified in Section 3.0.

HF Note: This standard should not be prepared or stored in glass.

8.0 HAZARDOUS INFORMATION - Please refer to the enclosed Material Safety Data sheet for information regarding this CRM.

9.0 HOMOGENEITY - This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Inorganic Ventures homogeneity data indicate that the end user should take a minimum sample size of 0.2mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

- 10.1 ISO 9001 Quality Management System Registration
- QMI File Number 010105
- 10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration"
- Chemical Testing - Accredited A2LA Certificate Number 883.01
- 10.3 ISO/IEC Guide 34 "General Requirements for the Competence of Reference Material Producers"
- Reference Materials Production - Accredited A2LA Certificate Number 883.02
- 10.4 10CFR50 Appendix B - Nuclear Regulatory Commission
- Domestic Licensing of Production and Utilization Facilities
- 10.5 10CFR21 - Nuclear Regulatory Commission
- Reporting Defects and Non-Compliance

11.0 DATE OF CERTIFICATION AND PERIOD OF VALIDITY

11.1 Shelf Life - The period of time during which the concentration of the analyte(s) in a properly packaged, unopened, and unused standard stored under environmentally controlled and monitored conditions will remain within the specified uncertainty range. Shelf life is limited primarily by transpiration (loss of water from the solution) and infrequently, by chemical instability. Transpiration studies of chemically-stable solutions performed at the manufacturer's facility show a CRM shelf-life of twenty one months for solutions packaged in 125-mL low density polyethylene bottles. When stored under special conditions that minimize transpiration and instability, the shelf life can be extended past this limit.

11.2 Expiration Date - The date after which a CRM should not be used. Routine laboratory use of a CRM increases transpiration losses and the chance of contamination which affect the integrity of the CRM and limit its useful life. Manufacturer concurs with state and federal regulatory agencies' recommendations that solution standards be assigned a one-year expiration date.

11.3 Chemical Stability - Studies have been conducted on this or similar CRMs and it has been demonstrated that this CRM is chemically stable for a period of not less than two years provided the "Storage & Handling" conditions are followed that are described in section 7.0.

Certification Date: June 21, 2012

Expiration Date: **EXPIRES**
01/2013

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Prepared By: Donna Senn
Product Documentation Technician



Certificate Approved By: Brian Alexander
PhD., Quality Control Supervisor



Certifying Officer: Paul Gaines
PhD., Senior Technical Director



1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product code TAPITMS-C
Product name Multi-element Solution Standard in Dilute Nitric Acid trace Hydrofluoric Acid
Common Name Contains: 1000 µg/mL Si; 200 µg/mL Sn; 100 µg/mL ea: Mo, Ti; 50 µg/mL Sb
Manufacturer, importer, supplier Inorganic Ventures
 300 Technology Drive
 Christiansburg, VA 24073
 Web: www.inorganicventures.com
Emergency telephone number 800-424-9300 CHEMTREC (24 hrs)

2. COMPOSITION/INFORMATION ON INGREDIENTS

CAS	Chemical Name	% Weight	ACGIH*	OSHA*
7732-18-5	Water	~96.80	N/A	N/A
7697-37-2	Nitric Acid	~3	2 ppm TWA	2 ppm TWA; 5 mg/m ³ TWA
7664-39-3	Hydrogen fluoride	<0.1	0.5 ppm TWA (as F)	3 ppm TWA
60676-86-0	Silica, fused	~0.2	0.1 mg/m ³ TWA (respirable fraction)	N/A

* ACGIH - Occupational Exposure Limits - TWAs

* OSHA - Final PELs - Time Weighted Averages (TWAs)

3. HAZARDS IDENTIFICATION
Emergency Overview

- Vapours may be irritating to eyes, nose, throat, and lungs
- Corrosive

Eye contact

- Contact with eyes may cause irritation

Skin contact

- Causes severe burns

Inhalation

- May cause irritation of respiratory tract

Ingestion

- Harmful if swallowed

4. FIRST AID MEASURES
General advice

- Show this safety data sheet to the doctor in attendance

Skin contact

- Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes
- First treatment with calcium gluconate paste
- Immediate medical attention is required

Eye contact

- Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes
- Keep eye wide open while rinsing
- Immediate medical attention is required

Inhalation

- Move to fresh air in case of accidental inhalation of vapours
- If breathing is difficult, give oxygen
- Immediate medical attention is required

Ingestion

- Call a physician or Poison Control Centre immediately
- If swallowed, seek medical advice immediately and show this container or label
- If conscious, drink plenty of water

Notes to physician

- Treat symptomatically

Protection of first-aiders

- Use personal protective equipment

5. FIRE-FIGHTING MEASURES

Flash point	NA
Suitable extinguishing media	<ul style="list-style-type: none"> Use extinguishing measures that are appropriate to local circumstances and the surrounding environment
Specific hazards	<ul style="list-style-type: none"> Thermal decomposition can lead to release of irritating gases and vapours
Specific methods	<ul style="list-style-type: none"> Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations
Special protective equipment for firefighters	<ul style="list-style-type: none"> As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear
NFPA (National Fire Protection Association)	<ul style="list-style-type: none"> Health - 2 Fire Hazard - 0 Reactivity - 0
Under conditions giving incomplete combustion, hazardous gases produced may consist of:	<ul style="list-style-type: none"> nitrogen oxides (NO_x). F⁺

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	<ul style="list-style-type: none"> Evacuate personnel to safe areas Keep people away from and upwind of spill/leak Wear personal protective equipment Ensure adequate ventilation
Environmental precautions	<ul style="list-style-type: none"> Prevent further leakage or spillage if safe to do so Prevent product from entering drains
Methods for cleaning up	<ul style="list-style-type: none"> Dam up Neutralize with lime milk or soda and flush with plenty of water Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container After cleaning, flush away traces with water

7. HANDLING AND STORAGE

Handling

Technical measures/Precautions	<ul style="list-style-type: none"> Use only in area provided with appropriate exhaust ventilation
Safe handling advice	<ul style="list-style-type: none"> Wear personal protective equipment Use product only in closed system

Storage

Technical measures/Precautions	<ul style="list-style-type: none"> Keep in properly labelled containers Store at room temperature in the original container Keep containers tightly closed in a dry, cool and well-ventilated place
Incompatible products	<ul style="list-style-type: none"> organic materials reducing agents

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Personal protective equipment	
Hand protection	<ul style="list-style-type: none"> impervious gloves
Eye protection	<ul style="list-style-type: none"> tightly fitting safety goggles
Respiratory protection	<ul style="list-style-type: none"> Ensure adequate ventilation
Skin and body protection	<ul style="list-style-type: none"> Chemical resistant apron Lab coat
Hygiene measures	<ul style="list-style-type: none"> When using, do not eat, drink or smoke Regular cleaning of equipment, work area and clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Form	liquid.
Appearance	clear
Colour	colorless.
Odour	None.

Important Health Safety and Environmental Information

pH	0 to 2
Boiling point/range	100°C
Flash point	NA
Vapour density	NA.
Water solubility	miscible.

10. STABILITY AND REACTIVITY

Stability	<ul style="list-style-type: none"> • Stable under normal conditions • Hazardous polymerization does not occur
Materials to avoid	<ul style="list-style-type: none"> • organic materials • reducing agents
Hazardous decomposition products	<ul style="list-style-type: none"> • nitrogen oxides (NO_x) • F⁻

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Component Information

CAS	Chemical Name	% Weight	LD50/oral/rat =	LD50/dermal/rat =
7732-18-5	Water	~96.80	N/A	N/A
7697-37-2	Nitric Acid	~3	Inhalation LC50 Rat: 130 mg/kg/4H	Inhalation LC50 Rat: 130 mg/kg/4H
7664-39-3	Hydrogen fluoride	<0.1	Inhalation LC50 Rat: 1276 ppm/1H	Inhalation LC50 Rat: 1276 ppm/1H
60676-86-0	Silica, fused	~0.2	N/A	N/A

Product Information

Local effects	HF is toxic and can cause severe burns that are not apparent immediately.
Skin irritation	Causes severe burns.
Eye irritation	Irritant.
Inhalation	Irritant.
Ingestion	If ingested, severe burns of the mouth and throat, as well as a danger of perforation of the esophagus and the stomach. Harmful if swallowed.
Chronic toxicity	Avoid repeated exposure. Prolonged exposure may cause chronic effects.

12. ECOLOGICAL INFORMATION

Ecotoxicity effects

Component Information

CAS	Chemical Name	% Weight	EFAD*	EFFSD*	EMD - Ecotoxicity*
7732-18-5	Water	~96.80	N/A	N/A	N/A
7697-37-2	Nitric Acid	~3	N/A	N/A	N/A
7664-39-3	Hydrogen fluoride	<0.1	N/A	N/A	N/A
60676-86-0	Silica, fused	~0.2	N/A	N/A	N/A

- * EFAD - Ecotoxicity - Freshwater Algae Data
- * EFFSD - Ecotoxicity - Freshwater Fish Species Data
- * EMD - Ecotoxicity - Microtox Data

Product Information

Do not allow material to contaminate ground water or sewage system

Other information

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products	<ul style="list-style-type: none"> In accordance with local and national regulations
Contaminated packaging	<ul style="list-style-type: none"> Empty containers should be taken for local recycling, recovery or waste disposal

14. TRANSPORT INFORMATION

DOT

UN-No UN3264 / Class 8
 Proper shipping name Corrosive liquid, acidic, inorganic, n.o.s
 Packing group III

IATA-DGR

UN-No UN3264 / Class 8
 Proper shipping name Corrosive liquid, acidic, inorganic, n.o.s
 Packing group III

15. REGULATORY INFORMATION

U.S. INVENTORIES:

CAS	Chemical Name	% Weight	CPCL*	NJRTK*	CERCLA/SARA*
7732-18-5	Water	~96.80	N/A	N/A	N/A
7697-37-2	Nitric Acid	~3	N/A	sn 1356	1000 lb final RQ; 454 kg final RQ
7664-39-3	Hydrogen fluoride	<0.1	N/A	sn 1014	100 lb final RQ; 45.4 kg final RQ
60676-86-0	Silica, fused	~0.2	N/A	sn 1656	N/A

- * CPCL - California - Proposition 65 - Carcinogens List
- * NJRTK - New Jersey - Department of Health RTK List
- * CERCLA/SARA - Hazardous Substances and their Reportable Quantities

INTERNATIONAL INVENTORIES:

CAS	Chemical Name	% Weight	WHMIS*	EINECCS - European Union*
7732-18-5	Water	~96.80	Uncontrolled product according to WHMIS classification criteria	231-791-2
7697-37-2	Nitric Acid	~3	C, E (including 60%, 61.3%, 63%, 67%, 67.18%, 70%, 90%); E (10%)	231-714-2
7664-39-3	Hydrogen fluoride	<0.1	D1A, E; D1B (including 12%, 24%, 48-50%, 52%, 70%)	231-634-8
60676-86-0	Silica, fused	~0.2	Uncontrolled product according to WHMIS classification criteria	262-373-8

- * WHMIS - Canada - WHMIS - Classifications of Substances
- * EINECCS - European Union - European inventory of Existing Commercial Chemical Substances (EINECCS)

16. OTHER INFORMATION

The above information is believed to be accurate and represents the best information available to us. It has been compiled from the data presented in various technical publications and our experience and should only be used as a guide for handling this product. It is the user's responsibility to determine the

suitability of this information for their particular purposes. We assume that only qualified individuals, trained and familiar with procedures suitable to this product will handle this material. Inorganic Ventures, Inc. assumes no responsibility and shall not be held liable for any damage resulting from misuse of this product.

Certification Summary

Client: Environmental Chemical Corp.
Project/Site: RVAAP - ECC

TestAmerica Job ID: 240-17467-2

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Pittsburgh	Arkansas DEQ	State Program	6	88-0690
TestAmerica Pittsburgh	California	NELAP	9	4224CA
TestAmerica Pittsburgh	Connecticut	State Program	1	PH-0688
TestAmerica Pittsburgh	Florida	NELAP	4	E871008
TestAmerica Pittsburgh	Illinois	NELAP	5	002602
TestAmerica Pittsburgh	Kansas	NELAP	7	E-10350
TestAmerica Pittsburgh	L-A-B	DoD ELAP		L2314
TestAmerica Pittsburgh	Louisiana	NELAP	6	04041
TestAmerica Pittsburgh	New Hampshire	NELAP	1	203011
TestAmerica Pittsburgh	New Jersey	NELAP	2	PA005
TestAmerica Pittsburgh	New York	NELAP	2	11182
TestAmerica Pittsburgh	North Carolina DENR	State Program	4	434
TestAmerica Pittsburgh	Pennsylvania	NELAP	3	02-00416
TestAmerica Pittsburgh	South Carolina	State Program	4	89014
TestAmerica Pittsburgh	USDA	Federal		P330-10-00139
TestAmerica Pittsburgh	USDA	Federal		P-Soil-01
TestAmerica Pittsburgh	Utah	NELAP	8	STLP
TestAmerica Pittsburgh	Virginia	NELAP	3	460189
TestAmerica Pittsburgh	West Virginia DEP	State Program	3	142
TestAmerica Pittsburgh	Wisconsin	State Program	5	998027800

Accreditation may not be offered or required for all methods and analytes reported in this package Please contact your project manager for the laboratory's current list of certified methods and analytes.

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Pittsburgh Job Number: 240-17467-2

SDG No.: _____

Project: RVAAP - ECC

Client Sample ID
075SD-0002-0001-SD
075SD-0003-0001-SD

Lab Sample ID
240-17467-2
240-17467-4

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 075SD-0002-0001-SD

Lab Sample ID: 240-17467-2

Lab Name: TestAmerica Pittsburgh

Job No.: 240-17467-2

SDG ID.:

Matrix: Solid

Date Sampled: 11/09/2012 14:00

Reporting Basis: DRY

Date Received: 11/09/2012 15:56

% Solids: 63.0

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	1.5	0.15	0.044	0.017	mg/Kg			1	6020/DOD
Aluminum	12000	4.4	0.88	0.42	mg/Kg		J	1	6020/DOD
Arsenic	9.5	0.15	0.074	0.027	mg/Kg			1	6020/DOD
Barium	110	1.5	0.029	0.016	mg/Kg		Q	1	6020/DOD
Beryllium	0.89	0.15	0.015	0.011	mg/Kg			1	6020/DOD
Calcium	6400	15	3.7	1.9	mg/Kg		J	1	6020/DOD
Cadmium	0.63	0.15	0.044	0.019	mg/Kg			1	6020/DOD
Chromium	15	0.29	0.059	0.033	mg/Kg			1	6020/DOD
Cobalt	9.6	0.074	0.015	0.0035	mg/Kg		Q	1	6020/DOD
Copper	17	0.29	0.088	0.049	mg/Kg		Q	1	6020/DOD
Iron	20000	7.4	2.9	1.6	mg/Kg		J	1	6020/DOD
Magnesium	2800	15	2.9	1.6	mg/Kg		J	1	6020/DOD
Manganese	2200	0.74	0.044	0.023	mg/Kg		Q J	1	6020/DOD
Sodium	75	15	7.4	3.9	mg/Kg			1	6020/DOD
Nickel	21	0.15	0.044	0.017	mg/Kg		Q	1	6020/DOD
Lead	22	0.15	0.044	0.023	mg/Kg			1	6020/DOD
Antimony	0.21	0.29	0.15	0.067	mg/Kg	J	J	1	6020/DOD
Thallium	0.21	0.15	0.029	0.015	mg/Kg			1	6020/DOD
Vanadium	20	0.15	0.088	0.044	mg/Kg			1	6020/DOD
Zinc	140	0.74	0.29	0.095	mg/Kg		Q J	1	6020/DOD
Potassium	1400	15	8.8	4.6	mg/Kg		J	1	6020/DOD
Selenium	1.3	0.74	0.15	0.075	mg/Kg			1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 075SD-0003-0001-SD

Lab Sample ID: 240-17467-4

Lab Name: TestAmerica Pittsburgh

Job No.: 240-17467-2

SDG ID.:

Matrix: Solid

Date Sampled: 11/09/2012 14:00

Reporting Basis: DRY

Date Received: 11/09/2012 15:56

% Solids: 63.1

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	2.3	0.15	0.046	0.017	mg/Kg			1	6020/DOD
Aluminum	16000	4.6	0.91	0.43	mg/Kg			1	6020/DOD
Arsenic	9.0	0.15	0.076	0.028	mg/Kg			1	6020/DOD
Barium	130	1.5	0.030	0.016	mg/Kg		Q	1	6020/DOD
Beryllium	1.7	0.15	0.015	0.011	mg/Kg			1	6020/DOD
Calcium	50000	15	3.8	2.0	mg/Kg			1	6020/DOD
Cadmium	0.76	0.15	0.046	0.020	mg/Kg			1	6020/DOD
Chromium	21	0.30	0.061	0.034	mg/Kg			1	6020/DOD
Cobalt	11	0.076	0.015	0.0037	mg/Kg		Q	1	6020/DOD
Copper	21	0.30	0.091	0.050	mg/Kg		Q	1	6020/DOD
Iron	19000	7.6	3.0	1.6	mg/Kg			1	6020/DOD
Magnesium	5600	15	3.0	1.6	mg/Kg			1	6020/DOD
Manganese	4100	7.6	0.46	0.24	mg/Kg		D Q	10	6020/DOD
Sodium	310	15	7.6	4.0	mg/Kg			1	6020/DOD
Nickel	21	0.15	0.046	0.017	mg/Kg		Q	1	6020/DOD
Lead	32	0.15	0.046	0.023	mg/Kg			1	6020/DOD
Antimony	0.43	0.30	0.15	0.070	mg/Kg			1	6020/DOD
Thallium	0.15	0.15	0.030	0.016	mg/Kg			1	6020/DOD
Vanadium	15	0.15	0.091	0.046	mg/Kg			1	6020/DOD
Zinc	130	0.76	0.30	0.099	mg/Kg		Q	1	6020/DOD
Potassium	1200	15	9.1	4.8	mg/Kg			1	6020/DOD
Selenium	1.4	0.76	0.15	0.078	mg/Kg			1	6020/DOD

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-17467-2

SDG No.: _____

ICV Source: MICPMSICV_00012 Concentration Units: ug/L

CCV Source: MCCV1X_00031

Analyte	ICV 180-59218/5 12/21/2012 14:54				CCV 180-59218/10 12/21/2012 15:23				CCV 180-59218/22 12/21/2012 16:27			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	382		400	96	475		500	95	462		500	92
Antimony	81.6		80.0	102	94.9		100	95	95.0		100	95
Arsenic	81.4		80.0	102	97.6		100	98	98.1		100	98
Barium	80.6		80.0	101	93.5		100	94	94.6		100	95
Beryllium	79.3		80.0	99	99.3		100	99	96.4		100	96
Cadmium	82.4		80.0	103	98.5		100	99	96.5		100	97
Calcium	38300		40000	96	47800		50000	96	46800		50000	94
Chromium	78.4		80.0	98	95.1		100	95	92.6		100	93
Cobalt	78.3		80.0	98	95.8		100	96	94.1		100	94
Copper	81.0		80.0	101	96.4		100	96	97.1		100	97
Iron	19300		20000	96	24300		25000	97	23700		25000	95
Lead	79.5		80.0	99	94.9		100	95	93.2		100	93
Magnesium	38400		40000	96	48400		50000	97	48200		50000	96
Manganese	390		400	98	490		500	98	475		500	95
Nickel	79.0		80.0	99	96.6		100	97	95.1		100	95
Potassium	38500		40000	96	46900		50000	94	47200		50000	94
Selenium	83.8		80.0	105	102		100	102	100		100	100
Silver	80.9		80.0	101	97.4		100	97	96.2		100	96
Sodium	38900		40000	97	48900		50000	98	48200		50000	96
Thallium	82.3		80.0	103	94.6		100	95	93.3		100	93
Vanadium	76.1		80.0	95	93.6		100	94	91.7		100	92
Zinc	83.8		80.0	105	100		100	100	96.1		100	96

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-17467-2

SDG No.: _____

ICV Source: MICPMSICV_00012 Concentration Units: ug/L

CCV Source: MCCV1X_00031

Analyte	ICV 180-59262/5 12/22/2012 18:10				CCV 180-59262/10 12/22/2012 18:40				CCV 180-59262/22 12/22/2012 19:44			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Manganese	398		400	99	510		500	102	503		500	101
<i>Aluminum</i>	383		400	96	482		500	96	463		500	93
<i>Antimony</i>	79.9		80.0	100	97.3		100	97	95.5		100	95
<i>Arsenic</i>	80.9		80.0	101	95.9		100	96	95.3		100	95
<i>Barium</i>	79.6		80.0	100	94.6		100	95	93.9		100	94
<i>Beryllium</i>	78.1		80.0	98	100		100	100	96.4		100	96
<i>Cadmium</i>	81.9		80.0	102	100		100	100	99.0		100	99
<i>Calcium</i>	39300		40000	98	48700		50000	97	48500		50000	97
<i>Chromium</i>	80.1		80.0	100	98.7		100	99	96.6		100	97
<i>Cobalt</i>	79.7		80.0	100	97.4		100	97	95.2		100	95
<i>Copper</i>	80.6		80.0	101	96.5		100	96	94.3		100	94
<i>Iron</i>	19800		20000	99	25500		25000	102	25200		25000	101
<i>Lead</i>	78.5		80.0	98	96.2		100	96	93.1		100	93
<i>Magnesium</i>	38500		40000	96	47400		50000	95	46600		50000	93
<i>Nickel</i>	80.1		80.0	100	96.3		100	96	95.1		100	95
<i>Potassium</i>	39800		40000	99	47300		50000	95	47400		50000	95
<i>Selenium</i>	82.8		80.0	103	99.4		100	99	99.4		100	99
<i>Silver</i>	80.9		80.0	101	97.0		100	97	96.4		100	96
<i>Sodium</i>	39100		40000	98	49600		50000	99	48700		50000	97
<i>Thallium</i>	81.2		80.0	101	95.6		100	96	92.7		100	93
<i>Vanadium</i>	78.2		80.0	98	97.8		100	98	95.8		100	96
<i>Zinc</i>	85.8		80.0	107	103		100	103	98.6		100	99

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-17467-2
 SDG No.: _____
 Method: 6020/DOD Instrument ID: M
 Lab Sample ID: CRI 180-59218/7 Concentration Units: ug/L
 CRQL Check Standard Source: MCRIX_00023

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Silver	1.00	1.06		106	80-120
Aluminum	30.0	29.9	J	100	80-120
Arsenic	1.00	1.16		116	80-120
Barium	10.0	10.2		102	80-120
Beryllium	1.00	0.850	J	85	80-120
Calcium	100	111		111	80-120
Cadmium	1.00	1.09		109	80-120
Chromium	2.00	2.08		104	80-120
Cobalt	0.500	0.527		105	80-120
Copper	2.00	2.28		114	80-120
Iron	50.0	56.1		112	80-120
Magnesium	100	95.0	J	95	80-120
Manganese	5.00	5.25		105	80-120
Sodium	100	93.4	J	93	80-120
Nickel	1.00	1.09		109	80-120
Lead	1.00	1.03		103	80-120
Antimony	2.00	2.09		104	80-120
Thallium	1.00	0.945	J	95	80-120
Vanadium	1.00	0.962	J	96	80-120
Zinc	5.00	5.46		109	80-120
Potassium	100	94.5	J	94	80-120
Selenium	5.00	5.38		108	80-120

Lab Sample ID: CRI 180-59218/72 Concentration Units: ug/L
 CRQL Check Standard Source: MCRIX_00024

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Silver	1.00	0.949	J	95	80-120
Aluminum	30.0	29.8	J	99	80-120
Arsenic	1.00	1.17		117	80-120
Barium	10.0	10.1		101	80-120
Beryllium	1.00	0.879	J	88	80-120
Calcium	100	104		104	80-120
Cadmium	1.00	1.00		100	80-120
Chromium	2.00	1.91	J	96	80-120

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-17467-2
 SDG No.: _____
 Method: 6020/DOD Instrument ID: M
 Lab Sample ID: CRI 180-59218/72 Concentration Units: ug/L
 CRQL Check Standard Source: MCRIX_00024

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Cobalt	0.500	0.490	J	98	80-120
Copper	2.00	2.14		107	80-120
Iron	50.0	59.8		120	80-120
Magnesium	100	90.0	J	90	80-120
Manganese	5.00	5.23		105	80-120
Sodium	100	85.4	J	85	80-120
Nickel	1.00	1.04		104	80-120
Lead	1.00	0.945	J	95	80-120
Antimony	2.00	1.97	J	98	80-120
Thallium	1.00	0.880	J	88	80-120
Vanadium	1.00	0.884	J	88	80-120
Zinc	5.00	4.86	J	97	80-120
Potassium	100	88.1	J	88	80-120
Selenium	5.00	5.67		113	80-120

Lab Sample ID: CRI 180-59262/7 Concentration Units: ug/L
 CRQL Check Standard Source: MCRIX_00024

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Silver	1.00	0.992	J	99	80-120
Aluminum	30.0	28.7	J	96	80-120
Arsenic	1.00	0.882	J	88	80-120
Barium	10.0	9.31	J	93	80-120
Beryllium	1.00	0.984	J	98	80-120
Calcium	100	104		104	80-120
Cadmium	1.00	0.977	J	98	80-120
Chromium	2.00	1.99	J	100	80-120
Cobalt	0.500	0.497	J	99	80-120
Copper	2.00	2.07		103	80-120
Iron	50.0	58.3		117	80-120
Magnesium	100	95.9	J	96	80-120
Manganese	5.00	5.06		101	80-120
Sodium	100	100		100	80-120
Nickel	1.00	1.09		109	80-120
Lead	1.00	0.932	J	93	80-120

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-17467-2
 SDG No.: _____
 Method: 6020/DOD Instrument ID: M
 Lab Sample ID: CRI 180-59262/7 Concentration Units: ug/L
 CRQL Check Standard Source: MCRIX_00024

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Antimony	2.00	1.85	J	92	80-120
Thallium	1.00	0.891	J	89	80-120
Vanadium	1.00	0.931	J	93	80-120
Zinc	5.00	4.82	J	96	80-120
Potassium	100	93.9	J	94	80-120
Selenium	5.00	4.89	J	98	80-120

Lab Sample ID: CRI 180-59262/95 Concentration Units: ug/L
 CRQL Check Standard Source: MCRIX_00024

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Silver	1.00	0.912	J	91	80-120
Aluminum	30.0	27.0	J	90	80-120
Arsenic	1.00	0.881	J	88	80-120
Barium	10.0	9.07	J	91	80-120
Beryllium	1.00	0.977	J	98	80-120
Calcium	100	101		101	80-120
Cadmium	1.00	0.949	J	95	80-120
Chromium	2.00	1.91	J	95	80-120
Cobalt	0.500	0.476	J	95	80-120
Copper	2.00	1.94	J	97	80-120
Iron	50.0	57.9		116	80-120
Magnesium	100	86.8	J	87	80-120
Manganese	5.00	5.31		106	80-120
Sodium	100	90.2	J	90	80-120
Nickel	1.00	0.976	J	98	80-120
Lead	1.00	0.873	J	87	80-120
Antimony	2.00	1.83	J	91	80-120
Thallium	1.00	0.817	J	82	80-120
Vanadium	1.00	0.897	J	90	80-120
Zinc	5.00	4.77	J	95	80-120
Potassium	100	86.5	J	86	80-120
Selenium	5.00	4.76	J	95	80-120

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-17467-2

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	ICB 180-59218/6 12/21/2012 15:02		CCB1 180-59218/11 12/21/2012 15:30		CCB2 180-59218/23 12/21/2012 16:35		Found	C
		Found	C	Found	C	Found	C		
Aluminum	30	5.0	U	5.0	U	5.0	U		
Antimony	2.0	0.90	U	0.90	U	0.90	U		
Arsenic	1.0	0.50	U	0.50	U	0.50	U		
Barium	10	0.15	U	0.15	U	0.15	U		
Beryllium	1.0	0.090	U	0.090	U	0.090	U		
Cadmium	1.0	0.30	U	0.30	U	0.30	U		
Calcium	100	20	U	20	U	20	U		
Chromium	2.0	1.0	U	1.0	U	1.0	U		
Cobalt	0.50	0.050	U	0.050	U	0.050	U		
Copper	2.0	0.50	U	0.50	U	0.50	U		
Iron	50	20	U	20	U	20	U		
Lead	1.0	0.30	U	0.30	U	0.30	U		
Magnesium	100	22	U	22	U	22	U		
Manganese	5.0	0.30	U	0.30	U	0.536	J		
Nickel	1.0	0.35	U	0.35	U	0.35	U		
Potassium	100	60	U	60	U	60	U		
Selenium	5.0	1.0	U	1.0	U	1.0	U		
Silver	1.0	0.20	U	0.20	U	0.20	U		
Sodium	100	55	U	55	U	55	U		
Thallium	1.0	0.20	U	0.20	U	0.20	U		
Vanadium	1.0	0.60	U	0.60	U	0.60	U		
Zinc	5.0	2.0	U	2.0	U	2.0	U		

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Pittsburgh

Job No.: 240-17467-2

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 180-59262/6 12/22/2012 18:18		CCB1 180-59262/11 12/22/2012 18:47		CCB2 180-59262/23 12/22/2012 19:52		Found	C
		Found	C	Found	C	Found	C		
Manganese	5.0	0.30	U	0.251	J	0.447	J		
<i>Aluminum</i>	30	5.0	U	5.0	U	5.0	U		
<i>Antimony</i>	2.0	0.90	U	0.90	U	0.90	U		
<i>Arsenic</i>	1.0	0.50	U	0.50	U	0.50	U		
<i>Barium</i>	10	0.15	U	0.15	U	0.15	U		
<i>Beryllium</i>	1.0	0.090	U	0.090	U	0.090	U		
<i>Cadmium</i>	1.0	0.30	U	0.30	U	0.30	U		
<i>Calcium</i>	100	20	U	20	U	20	U		
<i>Chromium</i>	2.0	1.0	U	1.0	U	1.0	U		
<i>Cobalt</i>	0.50	0.050	U	0.050	U	0.050	U		
<i>Copper</i>	2.0	0.50	U	0.50	U	0.50	U		
<i>Iron</i>	50	20	U	20	U	20	U		
<i>Lead</i>	1.0	0.30	U	0.30	U	0.30	U		
<i>Magnesium</i>	100	22	U	22	U	22	U		
<i>Nickel</i>	1.0	0.35	U	0.35	U	0.35	U		
<i>Potassium</i>	100	60	U	60	U	60	U		
<i>Selenium</i>	5.0	1.0	U	1.0	U	1.0	U		
<i>Silver</i>	1.0	0.20	U	0.20	U	0.20	U		
<i>Sodium</i>	100	55	U	55	U	55	U		
<i>Thallium</i>	1.0	0.20	U	0.20	U	0.20	U		
<i>Vanadium</i>	1.0	0.60	U	0.60	U	0.60	U		
<i>Zinc</i>	5.0	2.0	U	2.0	U	2.0	U		

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-17467-2

SDG No.: _____

Concentration Units: mg/Kg Lab Sample ID: MB 180-59037/1-A

Instrument Code: M Batch No.: 59218

CAS No.	Analyte	Concentration	C	Q	Method
7440-22-4	Silver	0.030	U		6020_DoD
7429-90-5	Aluminum	1.34	J		6020_DoD
7440-38-2	Arsenic	0.050	U		6020_DoD
7440-39-3	Barium	0.0161	J	Q	6020_DoD
7440-41-7	Beryllium	0.010	U		6020_DoD
7440-70-2	Calcium	2.5	U		6020_DoD
7440-43-9	Cadmium	0.030	U		6020_DoD
7440-47-3	Chromium	0.040	U		6020_DoD
7440-48-4	Cobalt	0.010	U	Q	6020_DoD
7440-50-8	Copper	0.060	U	Q	6020_DoD
7439-89-6	Iron	2.31	J		6020_DoD
7439-95-4	Magnesium	2.0	U		6020_DoD
7439-96-5	Manganese	0.0336	J	Q	6020_DoD
7440-23-5	Sodium	5.0	U		6020_DoD
7440-02-0	Nickel	0.030	U	Q	6020_DoD
7439-92-1	Lead	0.030	U		6020_DoD
7440-36-0	Antimony	0.10	U		6020_DoD
7440-28-0	Thallium	0.020	U		6020_DoD
7440-62-2	Vanadium	0.060	U		6020_DoD
7440-66-6	Zinc	0.20	U	Q	6020_DoD
7440-09-7	Potassium	6.0	U		6020_DoD
7782-49-2	Selenium	0.10	U		6020_DoD

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-17467-2
 SDG No.: _____
 Lab Sample ID: ICSA 180-59218/8 Instrument ID: M
 Lab File ID: M21221A.xml ICS Source: MICSAX_00023
 Concentration Units: ug/L

Analyte	True	Found	Percent Recovery
	Solution A	Solution A	
Aluminum	100000	99510	100
Antimony		0.259	
Arsenic		0.0940	
Barium		0.205	
Beryllium		0.0100	
Cadmium		0.249	
Calcium	100000	102700	103
Chromium		0.0160	
Cobalt		0.170	
Copper		1.52	
Iron	100000	102400	102
Lead		0.197	
Magnesium	100000	102600	103
Manganese		0.303	
Nickel		0.472	
Potassium	100000	100700	101
Selenium		-0.157	
Silver		0.0950	
Sodium	100000	104100	104
Thallium		0.0060	
Vanadium		-0.238	
Zinc		2.75	
<i>Boron</i>		<i>0.861</i>	
<i>Molybdenum</i>	<i>2000</i>	<i>2254</i>	<i>113</i>
<i>Silicon</i>		<i>27.6</i>	
<i>Strontium</i>		<i>4.45</i>	
<i>Tin</i>		<i>0.204</i>	
<i>Titanium</i>	<i>2000</i>	<i>2258</i>	<i>113</i>

Calculations are performed before rounding to avoid round-off errors in calculated results.

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Pittsburgh

Job No.: 240-17467-2

SDG No.: _____

Lab Sample ID: ICSAB 180-59218/9

Instrument ID: M

Lab File ID: M21221A.xml

ICS Source: MICSABX_00026

Concentration Units: ug/L

Analyte	True	Found	Percent Recovery
	Solution AB	Solution AB	
Aluminum	100000	98643	99
Antimony	20.0	20.4	102
Arsenic	20.0	20.2	101
Barium	20.0	20.3	102
Beryllium	20.0	20.3	101
Cadmium	20.0	20.6	103
Calcium	100000	102067	102
Chromium	20.0	20.4	102
Cobalt	20.0	19.9	100
Copper	20.0	20.5	102
Iron	100000	100737	101
Lead	20.0	21.1	105
Magnesium	100000	100623	101
Manganese	22.5	20.2	90
Nickel	20.0	19.9	99
Potassium	100000	99393	99
Selenium	50.0	50.6	101
Silver	20.0	20.2	101
Sodium	100000	102433	102
Thallium	20.0	20.8	104
Vanadium	20.0	20.3	102
Zinc	25.0	22.4	90
<i>Boron</i>	<i>50.0</i>	<i>49.7</i>	<i>99</i>
<i>Molybdenum</i>	<i>2000</i>	<i>2216</i>	<i>111</i>
<i>Silicon</i>	<i>500</i>	<i>562</i>	<i>112</i>
<i>Strontium</i>	<i>20.0</i>	<i>23.3</i>	<i>117</i>
<i>Tin</i>	<i>100</i>	<i>103</i>	<i>103</i>
<i>Titanium</i>	<i>2000</i>	<i>2232</i>	<i>112</i>

Calculations are performed before rounding to avoid round-off errors in calculated results.

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Pittsburgh

Job No.: 240-17467-2

SDG No.: _____

Lab Sample ID: ICSA 180-59262/8

Instrument ID: M

Lab File ID: M21222A.xml

ICS Source: MICSAX_00023

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Manganese		0.333	
Aluminum	100000	97740	98
Antimony		0.221	
Arsenic		0.152	
Barium		0.226	
Beryllium		0.0060	
Boron		0.638	
Cadmium		0.452	
Calcium	100000	106900	107
Chromium		0.0290	
Cobalt		0.163	
Copper		1.39	
Iron	100000	109800	110
Lead		0.197	
Magnesium	100000	100600	101
Molybdenum	2000	2288	114
Nickel		0.508	
Potassium	100000	102100	102
Selenium		0.270	
Silicon		24.1	
Silver		0.106	
Sodium	100000	104800	105
Strontium		4.88	
Thallium		0.0000	
Tin		0.0040	
Titanium	2000	2264	113
Vanadium		-0.430	
Zinc		2.84	

Calculations are performed before rounding to avoid round-off errors in calculated results.

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Pittsburgh

Job No.: 240-17467-2

SDG No.: _____

Lab Sample ID: ICSAB 180-59262/9

Instrument ID: M

Lab File ID: M21222A.xml

ICS Source: MICSABX_00026

Concentration Units: ug/L

Analyte	True	Found	Percent Recovery
	Solution AB	Solution AB	
Manganese	22.5	21.5	96
<i>Aluminum</i>	<i>100000</i>	<i>94590</i>	<i>95</i>
<i>Antimony</i>	<i>20.0</i>	<i>20.3</i>	<i>101</i>
<i>Arsenic</i>	<i>20.0</i>	<i>20.0</i>	<i>100</i>
<i>Barium</i>	<i>20.0</i>	<i>20.2</i>	<i>101</i>
<i>Beryllium</i>	<i>20.0</i>	<i>20.0</i>	<i>100</i>
<i>Boron</i>	<i>50.0</i>	<i>47.4</i>	<i>95</i>
<i>Cadmium</i>	<i>20.0</i>	<i>20.3</i>	<i>102</i>
<i>Calcium</i>	<i>100000</i>	<i>102803</i>	<i>103</i>
<i>Chromium</i>	<i>20.0</i>	<i>20.8</i>	<i>104</i>
<i>Cobalt</i>	<i>20.0</i>	<i>20.1</i>	<i>101</i>
<i>Copper</i>	<i>20.0</i>	<i>20.3</i>	<i>102</i>
<i>Iron</i>	<i>100000</i>	<i>104167</i>	<i>104</i>
<i>Lead</i>	<i>20.0</i>	<i>21.0</i>	<i>105</i>
<i>Magnesium</i>	<i>100000</i>	<i>96903</i>	<i>97</i>
<i>Molybdenum</i>	<i>2000</i>	<i>2153</i>	<i>108</i>
<i>Nickel</i>	<i>20.0</i>	<i>19.7</i>	<i>99</i>
<i>Potassium</i>	<i>100000</i>	<i>98030</i>	<i>98</i>
<i>Selenium</i>	<i>50.0</i>	<i>50.9</i>	<i>102</i>
<i>Silicon</i>	<i>500</i>	<i>553</i>	<i>111</i>
<i>Silver</i>	<i>20.0</i>	<i>19.8</i>	<i>99</i>
<i>Sodium</i>	<i>100000</i>	<i>101630</i>	<i>102</i>
<i>Strontium</i>	<i>20.0</i>	<i>23.8</i>	<i>119</i>
<i>Thallium</i>	<i>20.0</i>	<i>20.8</i>	<i>104</i>
<i>Tin</i>	<i>100</i>	<i>102</i>	<i>102</i>
<i>Titanium</i>	<i>2000</i>	<i>2161</i>	<i>108</i>
<i>Vanadium</i>	<i>20.0</i>	<i>20.5</i>	<i>103</i>
<i>Zinc</i>	<i>25.0</i>	<i>22.9</i>	<i>92</i>

Calculations are performed before rounding to avoid round-off errors in calculated results.

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: 075SD-0002-0001-SD MS

Lab ID: 240-17467-2 MS

Lab Name: TestAmerica Pittsburgh

Job No.: 240-17467-2

SDG No.: _____

Matrix: Solid

Concentration Units: mg/Kg

% Solids: 63.0

Analyte	SSR C	Sample Result (SR) C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Silver	14.1	1.5	14.7	86	75-125		6020/DOD
Aluminum	11400	12000	1470	-23	70-130	4	6020/DOD
Arsenic	20.6	9.5	14.7	76	23-131		6020/DOD
Barium	118	110	14.7	57	10-199	Q 4	6020/DOD
Beryllium	12.8	0.89	14.7	81	58-112		6020/DOD
Calcium	6750	6400	1470	24	70-130	4	6020/DOD
Cadmium	12.6	0.63	14.7	81	58-110		6020/DOD
Chromium	25.9	15	14.7	73	10-199		6020/DOD
Cobalt	21.8	9.6	14.7	83	55-110	Q	6020/DOD
Copper	28.4	17	14.7	80	10-199	Q	6020/DOD
Iron	19200	20000	1470	-54	70-130	4	6020/DOD
Magnesium	3800	2800	1470	69	70-130	J	6020/DOD
Manganese	2210	2200	14.7	280	10-199	Q 4	6020/DOD
Sodium	1320	75	1470	84	70-130		6020/DOD
Nickel	32.2	21	14.7	77	10-176	Q	6020/DOD
Lead	35.2	22	14.7	87	10-199		6020/DOD
Antimony	3.84	0.21	J 14.7	25	75-125	J	6020/DOD
Thallium	12.7	0.21	14.7	85	82-110		6020/DOD
Vanadium	29.5	20	14.7	66	39-129		6020/DOD
Zinc	136	140	14.7	-14	10-199	Q 4	6020/DOD
Potassium	2200	1400	1470	56	70-130	J	6020/DOD
Selenium	12.3	1.3	14.7	74	39-116		6020/DOD

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

5B-IN
 POST DIGESTION SPIKE SAMPLE RECOVERY
 METALS

Client ID: 075SD-0002-0001-SD PDS

Lab ID: 240-17467-2 PDS

Lab Name: TestAmerica Pittsburgh

Job No.: 240-17467-2

SDG No.: _____

Matrix: Solid

Concentration Units: mg/Kg

Analyte	SSR C	Sample Result (SR) C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Silver	8.02	1.5	7.35	89	80-120		6020/DOD
Aluminum	11700	12000	294	-24	80-120		6020/DOD
Arsenic	14.3	9.5	5.88	83	80-120		6020/DOD
Barium	358	110	294	85	80-120	Q	6020/DOD
Beryllium	7.02	0.89	7.35	83	80-120		6020/DOD
Calcium	13100	6400	7350	91	80-120		6020/DOD
Cadmium	7.09	0.63	7.35	88	80-120		6020/DOD
Chromium	42.5	15	29.4	93	80-120		6020/DOD
Cobalt	78.7	9.6	73.5	94	80-120	Q	6020/DOD
Copper	49.5	17	36.8	89	80-120	Q	6020/DOD
Iron	19800	20000	147	-150	80-120		6020/DOD
Magnesium	9120	2800	7350	86	80-120		6020/DOD
Manganese	2200	2200	73.5	42	80-120	Q	6020/DOD
Sodium	6470	75	7350	87	80-120		6020/DOD
Nickel	87.2	21	73.5	90	80-120	Q	6020/DOD
Lead	25.0	22	2.94	90	80-120		6020/DOD
Antimony	61.6	0.21 J	73.5	84	80-120		6020/DOD
Thallium	7.03	0.21	7.35	93	80-120		6020/DOD
Vanadium	91.9	20	73.5	98	80-120		6020/DOD
Zinc	198	140	73.5	82	80-120	Q	6020/DOD
Potassium	7820	1400	7350	88	80-120		6020/DOD
Selenium	2.59	1.3	1.47	85	80-120		6020/DOD

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
 Note - Results and Reporting Limits have been adjusted for dry weight.

6-IN
DUPLICATES
METALS

Client ID: 075SD-0002-0001-SD DU

Lab ID: 240-17467-2 DU

Lab Name: TestAmerica Pittsburgh

Job No.: 240-17467-2

SDG No.: _____

% Solids for Sample: 65.8

% Solids for Duplicate: 65.8

Matrix: Solid

Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S) C	Duplicate (D) C	RPD	Q	Method
Silver	0.14	1.5	1.43	4		6020/DOD
Aluminum	4.2	12000	9060	26	J	6020/DOD
Arsenic	0.14	9.5	8.70	8		6020/DOD
Barium	1.4	110	99.5	9	Q	6020/DOD
Beryllium	0.14	0.89	0.752	17		6020/DOD
Calcium	14	6400	5990	7		6020/DOD
Cadmium	0.14	0.63	0.585	7		6020/DOD
Chromium	0.28	15	12.3	21	J	6020/DOD
Cobalt	0.070	9.6	9.09	5	Q	6020/DOD
Copper	0.28	17	15.3	8	Q	6020/DOD
Iron	7.0	20000	18100	10		6020/DOD
Magnesium	14	2800	2480	12		6020/DOD
Manganese	0.70	2200	2160	0.3	Q	6020/DOD
Sodium	14	75	54.5	32	J	6020/DOD
Nickel	0.14	21	19.2	8	Q	6020/DOD
Lead	0.14	22	21.8	3		6020/DOD
Antimony	0.28	0.21 J	0.187 J	11		6020/DOD
Thallium	0.14	0.21	0.162	25		6020/DOD
Vanadium	0.14	20	15.6	24	J	6020/DOD
Zinc	0.70	140	120	14	Q	6020/DOD
Potassium	14	1400	900	42	J	6020/DOD
Selenium	0.70	1.3	1.25	7		6020/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 180-59037/2-A

Lab Name: TestAmerica Pittsburgh

Job No.: 240-17467-2

Sample Matrix: Solid

LCS Source: CANMSB_High_00001

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Silver	10.0	9.19		92	60	114		6020/DOD
Aluminum	1000	886		89	80	120		6020/DOD
Arsenic	100	84.7		85	73	110		6020/DOD
Barium	100	84.9		85	70	110	Q	6020/DOD
Beryllium	100	84.6		85	79	110		6020/DOD
Calcium	1000	907		91	80	120		6020/DOD
Cadmium	100	84.5		84	74	110		6020/DOD
Chromium	100	96.7		97	70	110		6020/DOD
Cobalt	100	95.7		96	74	110	Q	6020/DOD
Copper	100	94.7		95	73	110	Q	6020/DOD
Iron	1000	943		94	80	120		6020/DOD
Magnesium	1000	904		90	80	120		6020/DOD
Manganese	100	95.2		95	80	120	Q	6020/DOD
Sodium	1000	888		89	80	120		6020/DOD
Nickel	100	94.6		95	75	110	Q	6020/DOD
Lead	100	89.0		89	75	110		6020/DOD
Antimony	10.0	8.25		82	68	113		6020/DOD
Thallium	25.0	21.4		86	71	110		6020/DOD
Vanadium	100	95.0		95	72	110		6020/DOD
Zinc	100	87.4		87	72	113	Q	6020/DOD
Potassium	1000	868		87	80	120		6020/DOD
Selenium	100	82.1		82	65	110		6020/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 240-17467-2

SDG No: _____

Lab Name: TestAmerica Pittsburgh

Job No: 240-17467-2

Matrix: Solid

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Silver	1.5		1.48		0.55	D	6020/DOD
Aluminum	12000		11700		0.67	D	6020/DOD
Arsenic	9.5		9.21		2.6	D	6020/DOD
Barium	110		110		0.73	D Q	6020/DOD
Beryllium	0.89		0.953		6.8	D	6020/DOD
Calcium	6400		5790		9.5	D	6020/DOD
Cadmium	0.63		0.600	J	NC	D	6020/DOD
Chromium	15		14.5		4.4	D	6020/DOD
Cobalt	9.6		9.08		5.4	D Q	6020/DOD
Copper	17		16.2		2.6	D Q	6020/DOD
Iron	20000		19600		2.4	D	6020/DOD
Magnesium	2800		2670		4.0	D	6020/DOD
Manganese	2200		2070		4.6	D Q	6020/DOD
Sodium	75		70.5	J	NC	D	6020/DOD
Nickel	21		20.4		2.4	D Q	6020/DOD
Lead	22		21.6		3.7	D	6020/DOD
Antimony	0.21	J	0.74	U	NC		6020/DOD
Thallium	0.21		0.241	J	NC	D	6020/DOD
Vanadium	20		18.6		5.6	D	6020/DOD
Zinc	140		139		1.1	D Q	6020/DOD
Potassium	1400		1360		1.2	D	6020/DOD
Selenium	1.3		0.639	J	NC	D	6020/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Pittsburgh Job Number: 240-17467-2
 SDG Number: _____
 Matrix: Solid Instrument ID: M
 Method: 6020/DOD DL Date: 01/26/2010 16:34
 Prep Method: 3050B

Analyte	Wavelength/ Mass	LOQ (mg/Kg)	DL (mg/Kg)
Aluminum	27	3	0.2849
Antimony	121	0.2	0.0459
Arsenic	75	0.1	0.0181
Barium	137	1	0.0107
Beryllium	9	0.1	0.0075
Cadmium	111	0.1	0.0132
Calcium	44	10	1.326
Chromium	52	0.2	0.0223
Cobalt	59	0.05	0.0024
Copper	65	0.2	0.033
Iron	56	5	1.077
Lead	208	0.1	0.0154
Magnesium	26	10	1.079
Manganese	55	0.5	0.0159
Nickel	60	0.1	0.0113
Potassium	39	10	3.155
Selenium	82	0.5	0.0509
Silver	107	0.1	0.0114
Sodium	23	10	2.658
Thallium	205	0.1	0.0102
Vanadium	51	0.1	0.0299
Zinc	66	0.5	0.0648

9-IN
 CALIBRATION BLANK DETECTION LIMITS
 METALS

Lab Name: TestAmerica Pittsburgh Job Number: 240-17467-2
 SDG Number: _____
 Matrix: Solid Instrument ID: M
 Method: 6020/DOD XMDL Date: 01/26/2010 16:34

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Aluminum	27	30	2.5662
Antimony	121	2	0.459
Arsenic	75	1	0.2908
Barium	137	10	0.098
Beryllium	9	1	0.0451
Cadmium	111	1	0.132
Calcium	44	100	9.357
Chromium	52	2	0.5433
Cobalt	59	0.5	0.0263
Copper	65	2	0.2443
Iron	56	50	10.77
Lead	208	1	0.154
Magnesium	26	100	10.8
Manganese	55	5	0.159
Nickel	60	1	0.1749
Potassium	39	100	31.6
Selenium	82	5	0.509
Silver	107	1	0.114
Sodium	23	100	26.8
Thallium	205	1	0.102
Vanadium	51	1	0.299
Zinc	66	5	0.9609

11-IN
LINEAR RANGES
METALS

Lab Name: TestAmerica Pittsburgh

Job No: 240-17467-2

SDG No.: _____

Instrument ID: M

Date: 03/14/2011 22:35

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	Method
Silver		2500	6020/DOD
Aluminum		450000	6020/DOD
Arsenic		4500	6020/DOD
Barium		13500	6020/DOD
Beryllium		9000	6020/DOD
Calcium		1500000	6020/DOD
Cadmium		13500	6020/DOD
Chromium		13500	6020/DOD
Cobalt		13500	6020/DOD
Copper		20000	6020/DOD
Iron		450000	6020/DOD
Magnesium		1500000	6020/DOD
Manganese		25000	6020/DOD
Sodium		450000	6020/DOD
Nickel		13500	6020/DOD
Lead		20000	6020/DOD
Antimony		13500	6020/DOD
Thallium		13500	6020/DOD
Vanadium		13500	6020/DOD
Zinc		25000	6020/DOD
Potassium		450000	6020/DOD
Selenium		4500	6020/DOD

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Pittsburgh

Job No.: 240-17467-2

SDG No.: _____

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 180-59037/1-A	11/26/2012 12:31	59037	1.00		100
LCS 180-59037/2-A	11/26/2012 12:31	59037	1.00		100
240-17467-2	11/26/2012 12:31	59037	1.08		100
240-17467-2 DU	11/26/2012 12:31	59037	1.08		100
240-17467-2 MS	11/26/2012 12:31	59037	1.08		100
240-17467-4	11/26/2012 12:31	59037	1.04		100

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-17467-2

SDG No.: _____

Instrument ID: M Method: 6020/DOD

Start Date: 12/30/1899 00:00 End Date: 12/23/2012 02:16

Lab Sample ID	D / F	Type	Time	Analytes															
				Mn															
ZZZZZZ			00:00																
ITUNE 180-59262/1			13:07																
STD1 180-59262/2 IC	1		17:56	X															
STD2 180-59262/3 IC	1		18:02	X															
STD3 180-59262/4 IC	1		18:06	X															
ICV 180-59262/5	1		18:10	X															
ICB 180-59262/6	1		18:18	X															
CRI 180-59262/7	1		18:22	X															
ICSA 180-59262/8	1		18:27	X															
ICSAB 180-59262/9	1		18:32	X															
CCV 180-59262/10	1		18:40	X															
CCB1 180-59262/11	1		18:47	X															
ZZZZZZ			18:51																
ZZZZZZ			18:56																
240-17467-4	10	T	19:00	X															
ZZZZZZ			19:08																
ZZZZZZ			19:12																
ZZZZZZ			19:19																
ZZZZZZ			19:24																
ZZZZZZ			19:28																
ZZZZZZ			19:32																
ZZZZZZ			19:37																
CCV 180-59262/22	1		19:44	X															
CCB2 180-59262/23	1		19:52	X															
ZZZZZZ			19:56																
ZZZZZZ			20:01																
ZZZZZZ			20:05																
ZZZZZZ			20:09																
ZZZZZZ			20:13																
ZZZZZZ			20:18																
ZZZZZZ			20:22																
ZZZZZZ			20:26																
ZZZZZZ			20:31																
ZZZZZZ			20:35																
CCV 180-59262/34			20:42																
CCB3 180-59262/35			20:50																
ZZZZZZ			20:55																
ZZZZZZ			20:59																
ZZZZZZ			21:03																
ZZZZZZ			21:07																
ZZZZZZ			21:12																
ZZZZZZ			21:16																

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-17467-2

SDG No.: _____

Instrument ID: M Method: 6020/DOD

Start Date: 12/30/1899 00:00 End Date: 12/23/2012 02:16

Lab Sample ID	D / F	Type	Time	Analytes															
				Mn															
ZZZZZZ			21:20																
ZZZZZZ			21:29																
ZZZZZZ			21:33																
ZZZZZZ			21:40																
CCV 180-59262/46			21:47																
CCB4 180-59262/47			21:55																
ZZZZZZ			21:59																
ZZZZZZ			22:04																
ZZZZZZ			22:08																
ZZZZZZ			22:12																
ZZZZZZ			22:20																
ZZZZZZ			22:24																
ZZZZZZ			22:28																
ZZZZZZ			22:33																
ZZZZZZ			22:37																
ZZZZZZ			22:41																
CCV 180-59262/58			22:48																
CCB5 180-59262/59			22:56																
ZZZZZZ			23:01																
ZZZZZZ			23:05																
ZZZZZZ			23:09																
ZZZZZZ			23:14																
ZZZZZZ			23:18																
ZZZZZZ			23:22																
ZZZZZZ			23:27																
ZZZZZZ			23:31																
ZZZZZZ			23:35																
ZZZZZZ			23:40																
CCV 180-59262/70			23:47																
CCB6 180-59262/71			23:55																
ZZZZZZ			23:59																
ZZZZZZ			00:04																
ZZZZZZ			00:14																
ZZZZZZ			00:18																
ZZZZZZ			00:22																
ZZZZZZ			00:27																
ZZZZZZ			00:31																
ZZZZZZ			00:35																
ZZZZZZ			00:40																
CCV 180-59262/82			00:47																
CCB7 180-59262/83			00:55																
ZZZZZZ			00:59																

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-17467-2

SDG No.: _____

Instrument ID: M Method: 6020/DOD

Start Date: 12/30/1899 00:00 End Date: 12/23/2012 02:16

Lab Sample ID	D / F	T y p e	Time	Analytes																
				M n																
ZZZZZZ			01:04																	
ZZZZZZ			01:08																	
ZZZZZZ			01:12																	
ZZZZZZ			01:17																	
ZZZZZZ			01:21																	
ZZZZZZ			01:25																	
ZZZZZZ			01:30																	
ZZZZZZ			01:34																	
CCV 180-59262/93			01:41																	
CCB8 180-59262/94			01:49																	
CRI 180-59262/95	1		02:01	X																
CCV 180-59262/96			02:08																	
CCB9 180-59262/97			02:16																	

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-17467-2

SDG No.: _____

Instrument ID: M Method: 6020/DOD

Start Date: 12/21/2012 13:40 End Date: 12/22/2012 00:23

Lab Sample ID	D / F	Type	Time	Analytes																			
				A	A	A	B	B	C	C	C	C	C	F	K	M	M	N	N	P	S	S	T
				g	l	s	a	e	a	d	o	r	u	e		g	n	a	i	b	b	e	l
ITUNE 180-59218/1			13:40																				
STD1 180-59218/2 IC	1		14:40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
STD2 180-59218/3 IC	1		14:46	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
STD3 180-59218/4 IC	1		14:50	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICV 180-59218/5	1		14:54	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICB 180-59218/6	1		15:02	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CRI 180-59218/7	1		15:06	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSA 180-59218/8	1		15:10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 180-59218/9	1		15:15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 180-59218/10	1		15:23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB1 180-59218/11	1		15:30	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MB 180-59037/1-A	1	T	15:34	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LCS 180-59037/2-A	1	T	15:38	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-17467-2	1	T	15:46	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-17467-2 SD	5	T	15:51	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-17467-2 DU	1	T	15:55	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-17467-2 MS	1	T	15:59	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-17467-2 PDS	1	T	16:04	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-17467-4	1	T	16:11	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X
ZZZZZZ			16:15																				
ZZZZZZ			16:19																				
CCV 180-59218/22	1		16:27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB2 180-59218/23	1		16:35	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			16:39																				
ZZZZZZ			16:43																				
ZZZZZZ			16:48																				
ZZZZZZ			16:52																				
ZZZZZZ			16:56																				
ZZZZZZ			17:00																				
ZZZZZZ			17:05																				
ZZZZZZ			17:09																				
ZZZZZZ			17:13																				
ZZZZZZ			17:18																				
CCV 180-59218/34			17:25																				
CCB3 180-59218/35			17:33																				
ZZZZZZ			17:37																				
ZZZZZZ			17:42																				
ZZZZZZ			17:46																				
ZZZZZZ			17:50																				
ZZZZZZ			17:59																				
ZZZZZZ			18:03																				
ZZZZZZ			18:07																				

13-IN
 ANALYSIS RUN LOG
 METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-17467-2

SDG No.: _____

Instrument ID: M Method: 6020/DOD

Start Date: 12/21/2012 13:40 End Date: 12/22/2012 00:23

Lab Sample ID	D / F	Type	Time	Analytes																			
				A g	A l	A s	B a	B e	C a	C d	C o	C r	C u	F e	K	M g	M n	N a	N i	P b	S b	S e	T l
ZZZZZZ			18:12																				
ZZZZZZ			18:16																				
ZZZZZZ			18:20																				
CCV 180-59218/46			18:28																				
CCB4 180-59218/47			18:36																				
ZZZZZZ			18:40																				
ZZZZZZ			18:47																				
ZZZZZZ			18:52																				
ZZZZZZ			18:56																				
ZZZZZZ			19:00																				
ZZZZZZ			19:05																				
ZZZZZZ			19:09																				
ZZZZZZ			19:13																				
ZZZZZZ			19:17																				
ZZZZZZ			19:25																				
CCV 180-59218/58			19:32																				
CCB5 180-59218/59			19:40																				
ZZZZZZ			19:44																				
ZZZZZZ			19:49																				
ZZZZZZ			19:53																				
ZZZZZZ			19:57																				
ZZZZZZ			20:02																				
ZZZZZZ			20:06																				
ZZZZZZ			20:10																				
ZZZZZZ			20:15																				
ZZZZZZ			20:17																				
ZZZZZZ			20:22																				
CCV 180-59218/70			20:25																				
CCB6 180-59218/71			20:32																				
CRI 180-59218/72	1		20:41	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 180-59218/73			20:48																				
CCB7 180-59218/74			20:55																				
ZZZZZZ			21:00																				
ZZZZZZ			21:04																				
ZZZZZZ			21:08																				
ZZZZZZ			21:13																				
ZZZZZZ			21:17																				
ZZZZZZ			21:21																				
ZZZZZZ			21:26																				
ZZZZZZ			21:30																				
ZZZZZZ			21:38																				
ZZZZZZ			21:42																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-17467-2

SDG No.: _____

Instrument ID: M Method: 6020/DOD

Start Date: 12/21/2012 13:40 End Date: 12/22/2012 00:23

Lab Sample ID	D / F	Type	Time	Analytes																			
				A g	A l	A s	B a	B e	C a	C d	C o	C r	C u	F e	K	M g	M n	N a	N i	P b	S b	S e	T l
CCV 180-59218/85			21:50																				
CCB8 180-59218/86			21:57																				
ZZZZZZ			22:01																				
ZZZZZZ			22:06																				
ZZZZZZ			22:10																				
ZZZZZZ			22:14																				
ZZZZZZ			22:19																				
ZZZZZZ			22:23																				
ZZZZZZ			22:27																				
ZZZZZZ			22:32																				
ZZZZZZ			22:36																				
ZZZZZZ			22:40																				
CCV 180-59218/97			22:47																				
CCB9 180-59218/98			22:55																				
ZZZZZZ			22:59																				
ZZZZZZ			23:06																				
ZZZZZZ			23:11																				
ZZZZZZ			23:15																				
ZZZZZZ			23:19																				
ZZZZZZ			23:24																				
ZZZZZZ			23:28																				
ZZZZZZ			23:32																				
ZZZZZZ			23:37																				
ZZZZZZ			23:41																				
CCV 180-59218/109			23:48																				
CCB10 180-59218/110			23:56																				
ZZZZZZ			00:00																				
ZZZZZZ			00:04																				
ZZZZZZ			00:09																				
CCV 180-59218/114			00:16																				
CCB11 180-59218/115			00:23																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-17467-2

SDG No.: _____

Instrument ID: M Method: 6020/DOD

Start Date: 12/21/2012 13:40 End Date: 12/22/2012 00:23

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
ITUNE 180-59218/1			13:40																				
STD1 180-59218/2 IC	1		14:40	X	X																		
STD2 180-59218/3 IC	1		14:46	X	X																		
STD3 180-59218/4 IC	1		14:50	X	X																		
ICV 180-59218/5	1		14:54	X	X																		
ICB 180-59218/6	1		15:02	X	X																		
CRI 180-59218/7	1		15:06	X	X																		
ICSA 180-59218/8	1		15:10	X	X																		
ICSAB 180-59218/9	1		15:15	X	X																		
CCV 180-59218/10	1		15:23	X	X																		
CCB1 180-59218/11	1		15:30	X	X																		
MB 180-59037/1-A	1	T	15:34	X	X																		
LCS 180-59037/2-A	1	T	15:38	X	X																		
240-17467-2	1	T	15:46	X	X																		
240-17467-2 SD	5	T	15:51	X	X																		
240-17467-2 DU	1	T	15:55	X	X																		
240-17467-2 MS	1	T	15:59	X	X																		
240-17467-2 PDS	1	T	16:04	X	X																		
240-17467-4	1	T	16:11	X	X																		
ZZZZZZ			16:15																				
ZZZZZZ			16:19																				
CCV 180-59218/22	1		16:27	X	X																		
CCB2 180-59218/23	1		16:35	X	X																		
ZZZZZZ			16:39																				
ZZZZZZ			16:43																				
ZZZZZZ			16:48																				
ZZZZZZ			16:52																				
ZZZZZZ			16:56																				
ZZZZZZ			17:00																				
ZZZZZZ			17:05																				
ZZZZZZ			17:09																				
ZZZZZZ			17:13																				
ZZZZZZ			17:18																				
CCV 180-59218/34			17:25																				
CCB3 180-59218/35			17:33																				
ZZZZZZ			17:37																				
ZZZZZZ			17:42																				
ZZZZZZ			17:46																				
ZZZZZZ			17:50																				
ZZZZZZ			17:59																				
ZZZZZZ			18:03																				
ZZZZZZ			18:07																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-17467-2

SDG No.: _____

Instrument ID: M Method: 6020/DOD

Start Date: 12/21/2012 13:40 End Date: 12/22/2012 00:23

Lab Sample ID	D / F	T y p e	Time	Analytes															
				V	Z n														
ZZZZZZ			18:12																
ZZZZZZ			18:16																
ZZZZZZ			18:20																
CCV 180-59218/46			18:28																
CCB4 180-59218/47			18:36																
ZZZZZZ			18:40																
ZZZZZZ			18:47																
ZZZZZZ			18:52																
ZZZZZZ			18:56																
ZZZZZZ			19:00																
ZZZZZZ			19:05																
ZZZZZZ			19:09																
ZZZZZZ			19:13																
ZZZZZZ			19:17																
ZZZZZZ			19:25																
CCV 180-59218/58			19:32																
CCB5 180-59218/59			19:40																
ZZZZZZ			19:44																
ZZZZZZ			19:49																
ZZZZZZ			19:53																
ZZZZZZ			19:57																
ZZZZZZ			20:02																
ZZZZZZ			20:06																
ZZZZZZ			20:10																
ZZZZZZ			20:15																
ZZZZZZ			20:17																
ZZZZZZ			20:22																
CCV 180-59218/70			20:25																
CCB6 180-59218/71			20:32																
CRI 180-59218/72	1		20:41	X	X														
CCV 180-59218/73			20:48																
CCB7 180-59218/74			20:55																
ZZZZZZ			21:00																
ZZZZZZ			21:04																
ZZZZZZ			21:08																
ZZZZZZ			21:13																
ZZZZZZ			21:17																
ZZZZZZ			21:21																
ZZZZZZ			21:26																
ZZZZZZ			21:30																
ZZZZZZ			21:38																
ZZZZZZ			21:42																

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-17467-2

SDG No.: _____

Instrument ID: M Method: 6020/DOD

Start Date: 12/21/2012 13:40 End Date: 12/22/2012 00:23

Lab Sample ID	D / F	Type	Time	Analytes															
				V	Zn														
CCV 180-59218/85			21:50																
CCB8 180-59218/86			21:57																
ZZZZZZ			22:01																
ZZZZZZ			22:06																
ZZZZZZ			22:10																
ZZZZZZ			22:14																
ZZZZZZ			22:19																
ZZZZZZ			22:23																
ZZZZZZ			22:27																
ZZZZZZ			22:32																
ZZZZZZ			22:36																
ZZZZZZ			22:40																
CCV 180-59218/97			22:47																
CCB9 180-59218/98			22:55																
ZZZZZZ			22:59																
ZZZZZZ			23:06																
ZZZZZZ			23:11																
ZZZZZZ			23:15																
ZZZZZZ			23:19																
ZZZZZZ			23:24																
ZZZZZZ			23:28																
ZZZZZZ			23:32																
ZZZZZZ			23:37																
ZZZZZZ			23:41																
CCV 180-59218/109			23:48																
CCB10 180-59218/110			23:56																
ZZZZZZ			00:00																
ZZZZZZ			00:04																
ZZZZZZ			00:09																
CCV 180-59218/114			00:16																
CCB11 180-59218/115			00:23																

Prep Types

- D = Dissolved
- R = Total Recoverable
- T = Total/NA

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-17467-2

SDG No.: _____

ICP-MS Instrument ID: M Start Date: 12/21/2012 End Date: 12/21/2012

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Li-6	Q	Element Sc	Q	Element Y-89	Q	Element Rh-103	Q	Element In	Q
STD1 180-59218/2 IC	14:40	100		100		100		100		100	
STD2 180-59218/3 IC	14:46	82		89		89		82		88	
STD3 180-59218/4 IC	14:50	84		95		94		93		95	
ICV 180-59218/5	14:54	84		95		95		88		91	
ICB 180-59218/6	15:02	84		99		97		97		99	
CRI 180-59218/7	15:06	105		101		97		95		96	
ICSA 180-59218/8	15:10	63		75		81		73		81	
ICSAB 180-59218/9	15:15	64		75		84		73		81	
CCV 180-59218/10	15:23	71		86		87		83		89	
CCB1 180-59218/11	15:30	85		100		93		94		96	
MB 180-59037/1-A	15:34	90		108		96		89		91	
LCS 180-59037/2-A	15:38	72		77		77		79		83	
240-17467-2	15:46	78		85		0		80		84	
240-17467-2 SD	15:51	85		99		99		91		93	
240-17467-2 DU	15:55	84		90		0		82		86	
240-17467-2 MS	15:59	78		90		0		81		85	
240-17467-2 PDS	16:04	73		78		0		74		79	
240-17467-4	16:11	67		71		0		69		75	
CCV 180-59218/22	16:27	82		100		87		84		85	
CCB2 180-59218/23	16:35	87		108		93		96		92	
CRI 180-59218/72	20:41	92		99		86		93		85	

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-17467-2

SDG No.: _____

ICP-MS Instrument ID: M Start Date: 12/21/2012 End Date: 12/21/2012

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Tb	Q	Element Ho	Q	Element Bi	Q	Element	Q	Element	Q
STD1 180-59218/2 IC	14:40	100		100		100					
STD2 180-59218/3 IC	14:46	91		91		80					
STD3 180-59218/4 IC	14:50	98		98		98					
ICV 180-59218/5	14:54	95		95		88					
ICB 180-59218/6	15:02	100		100		103					
CRI 180-59218/7	15:06	97		97		99					
ICSA 180-59218/8	15:10	84		84		81					
ICSAB 180-59218/9	15:15	85		85		79					
CCV 180-59218/10	15:23	95		96		90					
CCB1 180-59218/11	15:30	100		100		104					
MB 180-59037/1-A	15:34	96		97		100					
LCS 180-59037/2-A	15:38	89		91		85					
240-17467-2	15:46	90		89		80					
240-17467-2 SD	15:51	95		95		91					
240-17467-2 DU	15:55	91		90		79					
240-17467-2 MS	15:59	91		90		78					
240-17467-2 PDS	16:04	86		85		74					
240-17467-4	16:11	82		82		73					
CCV 180-59218/22	16:27	86		86		81					
CCB2 180-59218/23	16:35	91		91		95					
CRI 180-59218/72	20:41	86		86		98					

15-IN
 ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
 METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-17467-2

SDG No.: _____

ICP-MS Instrument ID: M Start Date: 12/22/2012 End Date: 12/23/2012

Lab Sample ID	Time	Internal Standards %RI For:											
		Element Li-6	Q	Element Sc	Q	Element Y-89	Q	Element Rh-103	Q	Element In	Q		
STD1 180-59262/2 IC	17:56	100		100		100		100		100			
STD2 180-59262/3 IC	18:02	86		95		91		84		89			
STD3 180-59262/4 IC	18:06	92		100		97		96		97			
ICV 180-59262/5	18:10	91		99		99		89		93			
ICB 180-59262/6	18:18	97		107		99		97		98			
CRI 180-59262/7	18:22	90		99		94		96		97			
ICSA 180-59262/8	18:27	69		77		78		75		83			
ICSAB 180-59262/9	18:32	66		74		85		76		85			
CCV 180-59262/10	18:40	69		81		89		84		88			
CCB1 180-59262/11	18:47	90		89		92		94		98			
240-17467-4	19:00	89		96		102		95		98			
CCV 180-59262/22	19:44	78		87		87		81		84			
CCB2 180-59262/23	19:52	93		104		90		93		94			
CRI 180-59262/95	02:01	74		74		70		75		72			

15-IN
 ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
 METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-17467-2

SDG No.: _____

ICP-MS Instrument ID: M Start Date: 12/22/2012 End Date: 12/23/2012

Lab Sample ID	Time	Internal Standards %RI For:											
		Element Tb	Q	Element Ho	Q	Element Bi	Q	Element	Q	Element	Q		
STD1 180-59262/2 IC	17:56	100		100		100							
STD2 180-59262/3 IC	18:02	90		90		81							
STD3 180-59262/4 IC	18:06	98		98		97							
ICV 180-59262/5	18:10	94		94		88							
ICB 180-59262/6	18:18	98		99		99							
CRI 180-59262/7	18:22	99		100		100							
ICSA 180-59262/8	18:27	87		87		84							
ICSAB 180-59262/9	18:32	91		92		87							
CCV 180-59262/10	18:40	95		101		93							
CCB1 180-59262/11	18:47	104		106		109							
240-17467-4	19:00	100		101		97							
CCV 180-59262/22	19:44	89		89		86							
CCB2 180-59262/23	19:52	97		98		103							
CRI 180-59262/95	02:01	76		77		86							

Dilution Corrected Concentrations

STD1 646076 INT STD 12/21/2012 2:40:29 PM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:41:12	100.326%	0.026	0.049	0.015	0.000	-0.000	0.121	0.145
2	14:41:55	98.324%	-0.016	-0.035	-0.012	0.000	0.096	-0.038	-0.082
3	14:42:38	101.349%	-0.011	-0.015	-0.003	0.000	-0.096	-0.082	-0.063
X		100.000%	0.000	-0.000	0.000	0.000	-0.000	-0.000	0.000
σ		1.539%	0.023	0.044	0.014	0.000	0.096	0.107	0.126
%RSD		1.539	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:41:12	0.071	-0.142	0.000	0.211	-3.689	-0.993	100.160%	-0.026
2	14:41:55	0.029	0.228	0.000	0.965	4.189	0.780	98.687%	0.004
3	14:42:38	-0.100	-0.086	0.000	-1.176	-0.500	0.212	101.153%	0.022
X		0.000	-0.000	0.000	0.000	-0.000	0.000	100.000%	-0.000
σ		0.089	0.199	0.000	1.086	3.963	0.905	1.240%	0.024
%RSD		0.000	0.000	0.000	0.000	0.000	0.000	1.240	0.000
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:41:12	0.004	0.003	0.002	1.316	0.343	-0.002	-0.010	0.004
2	14:41:55	0.006	-0.010	0.001	1.533	0.616	0.001	0.004	-0.000
3	14:42:38	-0.010	0.006	-0.003	-2.849	-0.959	0.001	0.006	-0.004
X		-0.000	0.000	-0.000	0.000	-0.000	0.000	0.000	0.000
σ		0.008	0.009	0.003	2.470	0.842	0.001	0.009	0.004
%RSD		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:41:12	0.001	0.028	-0.082	0.041	-0.048	0.216	0.000	0.000
2	14:41:55	-0.003	-0.020	-0.034	0.055	0.086	0.315	0.000	-0.002
3	14:42:38	0.003	-0.008	0.116	-0.096	-0.038	-0.531	0.000	0.002
X		-0.000	-0.000	0.000	-0.000	-0.000	0.000	0.000	-0.000
σ		0.003	0.025	0.103	0.084	0.075	0.462	0.000	0.002
%RSD		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:41:12	98.602%	0.000	0.002	99.283%	-0.000	0.007	-0.000	0.001
2	14:41:55	98.752%	-0.005	0.004	99.369%	0.001	-0.008	-0.000	-0.001
3	14:42:38	102.646%	0.005	-0.006	101.348%	-0.000	0.001	0.000	0.000
X		100.000%	-0.000	-0.000	100.000%	-0.000	-0.000	0.000	0.000
σ		2.293%	0.005	0.005	1.168%	0.001	0.007	0.000	0.001
%RSD		2.293	0.000	0.000	1.168	0.000	0.000	0.000	0.000
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:41:12	97.832%	0.020	0.001	0.007	0.003	-0.003	97.667%	97.707%
2	14:41:55	99.582%	0.012	0.003	-0.000	-0.008	0.003	99.643%	99.218%
3	14:42:38	102.587%	-0.032	-0.004	-0.006	0.005	0.000	102.690%	103.075%
X		100.000%	-0.000	-0.000	0.000	0.000	0.000	100.000%	100.000%
σ		2.405%	0.028	0.004	0.006	0.007	0.003	2.530%	2.768%
%RSD		2.405	0.000	0.000	0.000	0.000	0.000	2.530	2.768
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	14:41:12	0.001	0.002	-0.005	-0.004	-0.005	98.387%		
2	14:41:55	-0.001	0.001	-0.001	0.006	0.002	98.959%		
3	14:42:38	0.000	-0.003	0.006	-0.001	0.003	102.653%		
X		0.000	0.000	-0.000	-0.000	0.000	100.000%		
σ		0.001	0.003	0.006	0.005	0.004	2.316%		
%RSD		0.000	0.000	0.000	0.000	0.000	2.316		

STD2 646077 12/21/2012 2:46:12 PM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:46:55	83.710%	197.100	0.517	0.350	0.000	99630.000	99880.000	100100.000
2	14:47:38	81.753%	201.300	0.277	0.426	0.000	100400.000	99470.000	99540.000
3	14:48:21	81.540%	201.600	0.673	0.424	0.000	99960.000	100700.000	100300.000
X		82.334%	200.000	0.489	0.400	0.000	100000.000	100000.000	100000.000
σ		1.196%	2.558	0.199	0.043	0.000	394.300	599.800	416.400
%RSD		1.453	1.279	40.800	10.800	0.000	0.394	0.600	0.416
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:46:55	1002.000	7.389	0.000	102500.000	103000.000	103000.000	86.434%	0.181
2	14:47:38	999.400	6.642	0.000	97760.000	97500.000	97730.000	91.830%	0.252
3	14:48:21	998.600	7.611	0.000	99740.000	99490.000	99260.000	89.937%	0.204
X		1000.000	7.214	0.000	100000.000	100000.000	100000.000	89.400%	0.212
σ		1.768	0.507	0.000	2379.000	2788.000	2723.000	2.737%	0.036
%RSD		0.177	7.030	0.000	2.379	2.788	2.723	3.062	16.990
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:46:55	204.800	204.400	1022.000	51360.000	51210.000	203.500	202.400	201.700
2	14:47:38	195.500	196.000	982.100	49050.000	49050.000	196.100	196.500	196.800
3	14:48:21	199.700	199.600	995.600	49590.000	49740.000	200.400	201.100	201.500
X		200.000	200.000	1000.000	50000.000	50000.000	200.000	200.000	200.000
σ		4.634	4.201	20.490	1205.000	1100.000	3.683	3.128	2.774
%RSD		2.317	2.100	2.049	2.410	2.200	1.842	1.564	1.387
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:46:55	202.400	202.700	201.200	202.500	199.300	199.500	0.000	199.500
2	14:47:38	197.400	196.900	197.800	197.200	198.700	198.900	0.000	200.100
3	14:48:21	200.200	200.300	201.000	200.300	202.000	201.600	0.000	200.400
X		200.000	200.000	200.000	200.000	200.000	200.000	0.000	200.000
σ		2.505	2.906	1.876	2.634	1.776	1.406	0.000	0.465
%RSD		1.253	1.453	0.938	1.317	0.888	0.703	0.000	0.232
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:46:55	88.007%	0.287	0.233	81.670%	198.000	199.400	199.900	199.800
2	14:47:38	89.396%	0.295	0.244	82.109%	200.000	199.500	199.300	200.100
3	14:48:21	89.768%	0.294	0.284	82.232%	202.000	201.000	200.800	200.200
X		89.057%	0.292	0.254	82.004%	200.000	200.000	200.000	200.000
σ		0.929%	0.004	0.027	0.296%	2.016	0.892	0.745	0.212
%RSD		1.043	1.410	10.580	0.361	1.008	0.446	0.372	0.106
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:46:55	86.458%	0.124	0.092	0.099	200.200	200.300	89.599%	89.313%
2	14:47:38	88.194%	0.176	0.097	0.104	199.800	200.100	90.949%	91.146%
3	14:48:21	88.765%	0.115	0.120	0.119	199.900	199.600	91.204%	91.191%
X		87.806%	0.138	0.103	0.107	200.000	200.000	90.584%	90.550%
σ		1.202%	0.033	0.015	0.010	0.213	0.324	0.862%	1.071%
%RSD		1.368	23.620	14.400	9.788	0.106	0.162	0.952	1.183
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	14:46:55	196.200	196.400	195.000	194.900	195.400	80.426%		
2	14:47:38	201.700	201.100	201.600	201.300	201.700	80.130%		
3	14:48:21	202.000	202.500	203.400	203.800	202.900	80.621%		
X		200.000	200.000	200.000	200.000	200.000	80.392%		
σ		3.255	3.220	4.428	4.589	4.035	0.247%		
%RSD		1.627	1.610	2.214	2.295	2.018	0.308		

STD3 646078 12/21/2012 2:50:30 PM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:51:13	87.128%	0.172	196.100	200.400	0.000	47.550	44.320	43.660
2	14:51:55	83.973%	0.125	199.500	197.700	0.000	45.620	41.230	41.690
3	14:52:38	81.584%	0.047	204.400	202.000	0.000	43.680	39.200	39.070
X		84.228%	0.115	200.000	200.000	0.000	45.620	41.580	41.470
σ		2.781%	0.063	4.147	2.162	0.000	1.934	2.577	2.303
%RSD		3.301	55.190	2.074	1.081	0.000	4.240	6.196	5.554
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:51:13	21.340	9902.000	0.000	38.240	46.830	126.600	97.190%	198.000
2	14:51:55	17.700	10120.000	0.000	36.840	61.530	120.100	94.015%	200.900
3	14:52:38	14.380	9977.000	0.000	33.860	37.130	115.800	92.619%	201.100
X		17.810	10000.000	0.000	36.310	48.500	120.900	94.608%	200.000
σ		3.482	111.300	0.000	2.235	12.280	5.455	2.343%	1.697
%RSD		19.550	1.113	0.000	6.153	25.330	4.514	2.476	0.849
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:51:13	0.183	0.108	0.660	145.600	151.800	0.109	0.277	0.344
2	14:51:55	0.139	0.085	0.633	65.430	71.580	0.102	0.322	0.254
3	14:52:38	0.114	0.096	0.625	44.300	51.060	0.093	0.277	0.297
X		0.146	0.096	0.639	85.100	91.470	0.101	0.292	0.298
σ		0.035	0.012	0.018	53.430	53.210	0.008	0.026	0.045
%RSD		23.900	12.040	2.804	62.780	58.180	8.241	8.956	15.170
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:51:13	0.403	1.282	0.921	0.762	2.781	2.593	0.000	0.180
2	14:51:55	0.307	0.910	1.096	0.579	1.327	1.813	0.000	0.155
3	14:52:38	0.321	1.141	1.116	0.372	1.174	0.823	0.000	0.165
X		0.344	1.111	1.044	0.571	1.761	1.743	0.000	0.166
σ		0.052	0.188	0.107	0.196	0.887	0.887	0.000	0.013
%RSD		15.100	16.910	10.240	34.230	50.370	50.870	0.000	7.526
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:51:13	92.881%	197.400	196.400	92.957%	0.197	0.198	0.215	-0.207
2	14:51:55	94.037%	201.000	201.800	92.501%	0.173	0.182	0.120	-0.187
3	14:52:38	93.853%	201.700	201.700	93.481%	0.159	0.177	0.048	-0.429
X		93.590%	200.000	200.000	92.980%	0.176	0.186	0.128	-0.275
σ		0.621%	2.312	3.080	0.491%	0.019	0.011	0.084	0.134
%RSD		0.664	1.156	1.540	0.528	10.650	5.884	65.420	48.910
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:51:13	94.307%	199.700	198.700	199.200	0.246	0.347	95.529%	95.544%
2	14:51:55	95.780%	200.200	200.300	199.600	0.162	0.353	97.906%	98.646%
3	14:52:38	96.014%	200.100	201.000	201.200	0.181	0.351	98.977%	99.384%
X		95.367%	200.000	200.000	200.000	0.196	0.350	97.471%	97.858%
σ		0.925%	0.260	1.183	1.021	0.044	0.003	1.765%	2.038%
%RSD		0.970	0.130	0.591	0.511	22.550	0.943	1.811	2.082
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	14:51:13	0.057	0.080	0.202	0.202	0.197	96.594%		
2	14:51:55	0.068	0.069	0.156	0.132	0.147	98.200%		
3	14:52:38	0.069	0.067	0.132	0.127	0.130	99.915%		
X		0.065	0.072	0.163	0.154	0.158	98.236%		
σ		0.007	0.007	0.036	0.042	0.035	1.661%		
%RSD		10.140	9.486	21.970	27.440	22.270	1.691		

ICV 660333 12/21/2012 2:54:48 PM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:55:31	84.912%	78.070	84.470	84.810	0.000	38590.000	38460.000	37870.000
2	14:56:14	84.808%	79.070	85.980	85.630	0.000	38380.000	38310.000	38060.000
3	14:56:57	82.759%	80.720	87.390	87.680	0.000	39810.000	39700.000	39310.000
X		84.160%	99.108%	107.437%	107.552%	0.000	97.315%	97.068%	96.036%
σ		1.214%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		1.442	1.686	1.700	1.722	0.000	1.982	1.967	2.036
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:55:31	376.000	4145.000	0.000	38290.000	37970.000	37770.000	95.459%	80.620
2	14:56:14	377.400	4153.000	0.000	37790.000	37550.000	37800.000	96.461%	79.910
3	14:56:57	392.700	4323.000	0.000	39420.000	38950.000	39350.000	93.921%	82.520
X		95.507%	105.173%	0.000	96.244%	95.393%	95.762%	95.280%	101.271%
σ		n/a	n/a	0.000	n/a	n/a	n/a	1.280%	n/a
%RSD		2.429	2.384	0.000	2.162	1.884	2.367	1.343	1.671
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:55:31	75.640	78.110	385.500	19110.000	19080.000	77.790	77.740	79.530
2	14:56:14	74.950	76.630	385.400	19010.000	19160.000	77.770	78.040	81.020
3	14:56:57	77.800	80.550	399.500	19680.000	19600.000	79.460	81.120	82.600
X		95.159%	98.040%	97.536%	96.331%	96.409%	97.924%	98.707%	101.316%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		1.953	2.529	2.077	1.869	1.455	1.237	2.366	1.892
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:55:31	80.510	83.270	81.540	79.470	83.680	82.300	0.000	75.370
2	14:56:14	80.620	82.820	82.620	80.860	83.210	83.480	0.000	75.540
3	14:56:57	81.820	85.280	85.050	83.900	85.610	85.720	0.000	77.930
X		101.229%	104.737%	103.835%	101.763%	105.205%	104.789%	0.000	95.351%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		0.896	1.567	2.167	2.785	1.512	2.071	0.000	1.878
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:55:31	94.074%	80.160	81.490	87.511%	79.790	79.760	80.990	81.770
2	14:56:14	95.561%	80.470	82.070	88.820%	80.280	80.660	81.600	81.910
3	14:56:57	95.391%	83.510	85.500	87.800%	82.510	82.690	84.540	84.510
X		95.008%	101.726%	103.772%	88.044%	101.073%	101.299%	102.972%	103.417%
σ		0.814%	n/a	n/a	0.688%	n/a	n/a	n/a	n/a
%RSD		0.857	2.277	2.611	0.781	1.796	1.854	2.308	1.866
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:55:31	90.037%	81.570	80.890	80.670	80.190	79.410	93.112%	93.225%
2	14:56:14	92.067%	81.850	80.820	80.270	80.150	80.450	95.808%	96.211%
3	14:56:57	91.346%	84.710	83.230	83.390	82.320	82.030	95.491%	95.671%
X		91.150%	103.389%	102.060%	101.804%	101.110%	100.790%	94.803%	95.036%
σ		1.029%	n/a	n/a	n/a	n/a	n/a	1.474%	1.591%
%RSD		1.129	2.102	1.681	2.088	1.538	1.634	1.555	1.674
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	14:55:31	80.690	80.600	78.190	78.150	78.050	86.755%		
2	14:56:14	82.260	82.060	79.440	78.600	79.110	88.502%		
3	14:56:57	84.170	84.130	81.290	81.020	81.360	88.339%		
X		102.967%	102.831%	99.549%	99.068%	99.380%	87.865%		
σ		n/a	n/a	n/a	n/a	n/a	0.965%		
%RSD		2.114	2.157	1.959	1.947	2.125	1.098		

ICB 12/21/2012 3:02:05 PM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:02:48	84.892%	0.007	1.218	1.203	0.000	1.568	0.147	0.253
2	15:03:31	85.153%	0.010	1.000	1.003	0.000	1.412	0.105	0.237
3	15:04:14	81.094%	0.000	1.013	1.015	0.000	1.514	0.176	0.436
X		83.713%	0.006	1.077	1.074	0.000	1.498	0.143	0.309
σ		2.272%	0.005	0.123	0.112	0.000	0.079	0.036	0.110
%RSD		2.714	91.790	11.370	10.460	0.000	5.282	25.280	35.760
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:02:48	-0.109	1.899	0.000	1.436	1.099	0.547	99.851%	-0.054
2	15:03:31	-0.158	1.409	0.000	0.318	-3.409	0.211	99.875%	-0.048
3	15:04:14	-0.169	1.204	0.000	0.630	-2.395	1.490	97.996%	-0.011
X		-0.145	1.504	0.000	0.795	-1.568	0.750	99.241%	-0.038
σ		0.032	0.357	0.000	0.577	2.365	0.663	1.078%	0.023
%RSD		21.960	23.760	0.000	72.600	150.800	88.440	1.086	61.040
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:02:48	-0.019	-0.012	0.028	4.728	8.973	-0.004	0.001	-0.017
2	15:03:31	-0.024	-0.013	0.027	1.265	6.182	-0.000	-0.022	-0.004
3	15:04:14	-0.010	-0.014	0.025	0.435	4.461	-0.003	-0.035	-0.012
X		-0.018	-0.013	0.027	2.143	6.539	-0.002	-0.019	-0.011
σ		0.007	0.001	0.002	2.277	2.277	0.002	0.018	0.006
%RSD		40.290	5.809	7.406	106.300	34.830	78.630	96.050	59.190
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:02:48	-0.008	0.087	0.063	0.022	0.727	0.190	0.000	-0.003
2	15:03:31	0.011	0.103	-0.071	-0.008	0.101	0.050	0.000	-0.001
3	15:04:14	-0.017	0.047	0.102	0.026	0.248	0.094	0.000	-0.001
X		-0.005	0.079	0.031	0.013	0.359	0.112	0.000	-0.002
σ		0.014	0.029	0.090	0.019	0.327	0.072	0.000	0.001
%RSD		308.600	36.820	287.700	142.600	91.170	64.140	0.000	73.310
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:02:48	95.680%	0.331	0.313	96.046%	-0.008	-0.005	0.035	0.019
2	15:03:31	97.811%	0.280	0.282	97.242%	-0.006	0.003	0.041	0.044
3	15:04:14	97.886%	0.277	0.233	98.007%	0.002	0.010	0.059	0.045
X		97.126%	0.296	0.276	97.098%	-0.004	0.003	0.045	0.036
σ		1.253%	0.030	0.040	0.988%	0.005	0.007	0.013	0.015
%RSD		1.290	10.280	14.470	1.018	135.500	286.300	28.160	41.540
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:02:48	96.605%	-0.009	-0.030	-0.042	-0.007	-0.003	98.172%	98.012%
2	15:03:31	99.061%	-0.059	-0.035	-0.032	0.006	0.005	100.082%	100.715%
3	15:04:14	99.713%	-0.092	-0.034	-0.026	0.015	0.006	101.752%	101.990%
X		98.460%	-0.053	-0.033	-0.033	0.005	0.003	100.002%	100.239%
σ		1.639%	0.042	0.003	0.008	0.011	0.005	1.791%	2.031%
%RSD		1.665	78.220	7.948	23.370	247.200	178.300	1.791	2.027
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	15:02:48	-0.002	0.001	0.016	0.012	0.012	100.765%		
2	15:03:31	-0.010	0.003	0.013	0.007	0.007	103.212%		
3	15:04:14	-0.006	0.003	0.001	-0.003	0.002	104.444%		
X		-0.006	0.002	0.010	0.005	0.007	102.807%		
σ		0.004	0.001	0.008	0.007	0.005	1.872%		
%RSD		64.770	44.580	80.750	134.200	69.160	1.821		

CRI 667994 12/21/2012 3:06:26 PM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:07:09	107.054%	0.812	6.055	6.196	0.000	91.000	93.600	92.350
2	15:07:52	104.234%	0.875	6.402	6.671	0.000	95.630	97.340	97.200
3	15:08:35	103.921%	0.864	6.362	6.487	0.000	93.590	94.790	95.480
X		105.070%	85.024%	125.457%	129.024%	0.000	93.406%	95.247%	95.007%
σ		1.726%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		1.643	3.964	3.027	3.713	0.000	2.481	2.007	2.589
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:07:09	29.500	486.000	0.000	92.200	102.000	109.300	102.563%	5.048
2	15:07:52	30.590	502.900	0.000	96.570	111.800	112.400	99.961%	5.433
3	15:08:35	29.700	492.000	0.000	94.700	114.300	112.500	99.246%	5.132
X		99.760%	98.724%	0.000	94.490%	109.395%	111.407%	100.590%	104.083%
σ		n/a	n/a	0.000	n/a	n/a	n/a	1.746%	n/a
%RSD		1.934	1.736	0.000	2.324	5.928	1.669	1.735	3.892
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:07:09	0.918	2.042	5.215	57.010	63.550	0.516	1.079	2.200
2	15:07:52	1.026	2.070	5.341	57.560	61.470	0.521	1.032	2.323
3	15:08:35	0.942	2.115	5.183	53.760	60.230	0.543	1.151	2.297
X		96.202%	103.792%	1049.245%	112.219%	123.502%	105.348%	108.758%	113.656%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		5.848	1.777	1.587	3.654	2.720	2.691	5.517	2.861
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:07:09	2.261	5.379	5.339	1.078	5.228	5.355	0.000	4.950
2	15:07:52	2.291	5.681	5.515	1.351	5.913	5.633	0.000	5.208
3	15:08:35	2.283	5.316	5.737	1.056	5.507	5.161	0.000	5.018
X		113.912%	109.177%	110.600%	116.136%	110.986%	107.663%	0.000	101.170%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		0.683	3.577	3.610	14.140	6.211	4.411	0.000	2.643
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:07:09	96.867%	4.970	4.919	94.333%	1.044	1.030	1.113	1.096
2	15:07:52	96.093%	5.328	5.352	93.399%	1.065	1.153	1.126	1.100
3	15:08:35	98.349%	5.253	5.145	95.685%	1.084	1.036	1.030	1.130
X		97.103%	103.672%	102.771%	94.472%	106.436%	107.329%	108.974%	110.862%
σ		1.146%	n/a	n/a	1.149%	n/a	n/a	n/a	n/a
%RSD		1.180	3.638	4.218	1.217	1.914	6.468	4.779	1.678
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:07:09	94.576%	5.145	2.030	2.061	9.901	9.903	95.624%	95.227%
2	15:07:52	95.184%	5.505	2.097	2.129	10.290	10.760	95.941%	96.344%
3	15:08:35	97.785%	5.245	2.129	1.994	10.240	9.904	98.274%	99.542%
X		95.849%	105.970%	104.264%	103.069%	101.441%	101.880%	96.613%	97.038%
σ		1.704%	n/a	n/a	n/a	n/a	n/a	1.447%	2.240%
%RSD		1.778	3.505	2.414	3.295	2.090	4.835	1.498	2.308
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	15:07:09	0.941	0.887	0.941	1.009	0.981	98.719%		
2	15:07:52	0.987	0.995	1.007	1.026	1.053	97.537%		
3	15:08:35	0.990	0.954	1.034	1.056	1.041	100.277%		
X		97.282%	94.545%	99.402%	103.048%	102.504%	98.844%		
σ		n/a	n/a	n/a	n/a	n/a	1.375%		
%RSD		2.867	5.761	4.818	2.283	3.777	1.391		

ICSA 668877 12/21/2012 3:10:46 PM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:11:29	65.164%	0.029	0.879	0.914	0.000	102900.000	102200.000	101900.000
2	15:12:12	62.260%	0.009	0.971	0.874	0.000	104700.000	102400.000	103100.000
3	15:12:55	61.834%	-0.010	0.989	0.796	0.000	104700.000	102300.000	102700.000
X		63.086%	0.010	0.946	0.861	0.000	104100.000	102300.000	102600.000
σ		1.812%	0.019	0.059	0.060	0.000	1025.000	120.900	600.200
%RSD		2.872	202.900	6.188	6.969	0.000	0.984	0.118	0.585
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:11:29	98320.000	27.950	0.000	101100.000	102000.000	102700.000	75.965%	2250.000
2	15:12:12	100500.000	27.640	0.000	100400.000	102100.000	103100.000	73.953%	2285.000
3	15:12:55	99710.000	27.260	0.000	100600.000	101800.000	102400.000	74.886%	2239.000
X		99510.000	27.620	0.000	100700.000	102000.000	102700.000	74.935%	2258.000
σ		1112.000	0.345	0.000	324.400	183.600	333.000	1.007%	24.260
%RSD		1.117	1.249	0.000	0.322	0.180	0.324	1.343	1.074
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:11:29	-0.246	-0.016	0.298	101900.000	102300.000	0.169	0.604	0.868
2	15:12:12	-0.131	0.030	0.311	103100.000	103600.000	0.174	0.395	0.926
3	15:12:55	-0.337	0.034	0.300	102300.000	102300.000	0.166	0.417	0.914
X		-0.238	0.016	0.303	102400.000	102700.000	0.170	0.472	0.903
σ		0.103	0.028	0.007	612.400	732.700	0.004	0.115	0.031
%RSD		43.460	177.400	2.445	0.598	0.713	2.574	24.310	3.395
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:11:29	1.453	2.973	1.365	0.071	0.422	-0.574	0.000	4.445
2	15:12:12	1.582	2.801	1.305	0.146	0.428	0.233	0.000	4.425
3	15:12:55	1.533	2.468	1.658	0.064	0.356	-0.130	0.000	4.487
X		1.523	2.747	1.443	0.094	0.402	-0.157	0.000	4.452
σ		0.065	0.257	0.189	0.045	0.040	0.404	0.000	0.032
%RSD		4.267	9.354	13.110	48.240	9.933	257.200	0.000	0.714
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:11:29	79.930%	2100.000	2236.000	72.239%	0.086	0.122	0.344	0.197
2	15:12:12	81.374%	2134.000	2263.000	72.789%	0.092	0.105	0.194	0.131
3	15:12:55	82.025%	2130.000	2265.000	73.573%	0.108	0.112	0.207	0.176
X		81.110%	2121.000	2254.000	72.867%	0.095	0.113	0.249	0.168
σ		1.072%	18.650	16.070	0.670%	0.011	0.008	0.083	0.033
%RSD		1.322	0.879	0.713	0.920	11.630	7.170	33.560	19.920
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:11:29	79.590%	0.312	0.248	0.254	0.303	0.209	81.590%	81.897%
2	15:12:12	81.322%	0.175	0.256	0.259	0.233	0.191	84.714%	84.535%
3	15:12:55	82.631%	0.126	0.273	0.263	0.232	0.216	86.660%	86.339%
X		81.181%	0.204	0.259	0.259	0.256	0.205	84.322%	84.257%
σ		1.526%	0.097	0.013	0.004	0.040	0.013	2.558%	2.234%
%RSD		1.879	47.420	4.854	1.692	15.800	6.355	3.033	2.651
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	15:11:29	0.001	0.010	0.220	0.219	0.212	80.533%		
2	15:12:12	-0.004	0.005	0.189	0.202	0.198	81.192%		
3	15:12:55	0.004	0.003	0.185	0.201	0.183	82.267%		
X		0.000	0.006	0.198	0.207	0.197	81.331%		
σ		0.004	0.004	0.019	0.010	0.015	0.876%		
%RSD		840.400	65.340	9.635	4.747	7.390	1.077		

ICSAB 668878 12/21/2012 3:15:07 PM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:15:50	65.109%	20.160	48.080	49.230	0.000	101800.000	99380.000	99470.000
2	15:16:33	64.339%	20.210	48.950	49.260	0.000	103100.000	100700.000	101100.000
3	15:17:16	62.551%	20.410	50.900	50.550	0.000	102400.000	100100.000	101300.000
X		64.000%	101.287%	98.622%	99.358%	0.000	102.421%	100.075%	100.624%
σ		1.312%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		2.051	0.658	2.935	1.517	0.000	0.626	0.664	0.995
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:15:50	97880.000	554.900	0.000	99450.000	99420.000	100800.000	76.091%	2192.000
2	15:16:33	98090.000	564.200	0.000	99160.000	101200.000	102800.000	74.172%	2258.000
3	15:17:16	99960.000	567.200	0.000	99570.000	101700.000	102600.000	74.453%	2247.000
X		98.642%	112.416%	0.000	99.391%	100.769%	102.058%	74.905%	111.618%
σ		n/a	n/a	0.000	n/a	n/a	n/a	1.036%	n/a
%RSD		1.165	1.142	0.000	0.211	1.180	1.087	1.384	1.569
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:15:50	20.190	20.190	19.900	99510.000	99720.000	19.780	19.760	19.820
2	15:16:33	20.710	20.540	20.550	101100.000	101300.000	20.040	19.810	19.860
3	15:17:16	20.130	20.320	20.240	101600.000	100900.000	20.000	20.050	20.410
X		101.717%	101.755%	87.963%	100.729%	100.639%	99.703%	99.367%	100.143%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		1.574	0.882	1.625	1.076	0.808	0.712	0.790	1.663
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:15:50	20.160	22.430	20.440	20.330	50.820	50.180	0.000	22.960
2	15:16:33	20.380	22.400	20.940	20.140	51.670	50.950	0.000	23.480
3	15:17:16	20.890	22.510	20.750	20.080	51.040	50.560	0.000	23.560
X		102.391%	89.778%	82.828%	100.899%	102.355%	101.125%	0.000	116.678%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		1.848	0.256	1.229	0.643	0.865	0.760	0.000	1.395
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:15:50	84.166%	2034.000	2175.000	73.004%	19.650	19.710	20.350	19.760
2	15:16:33	84.188%	2101.000	2232.000	72.613%	20.580	19.990	20.510	20.420
3	15:17:16	84.115%	2114.000	2242.000	72.536%	20.280	20.210	20.850	20.470
X		84.156%	104.156%	110.832%	72.718%	100.853%	99.839%	102.859%	101.075%
σ		0.038%	n/a	n/a	0.251%	n/a	n/a	n/a	n/a
%RSD		0.045	2.055	1.627	0.345	2.335	1.255	1.241	1.963
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:15:50	80.371%	100.900	20.370	20.250	20.370	20.100	83.662%	83.652%
2	15:16:33	81.354%	103.100	20.360	20.450	20.880	20.480	85.544%	85.802%
3	15:17:16	81.250%	103.900	20.520	20.620	20.940	20.370	85.610%	85.673%
X		80.991%	102.605%	102.085%	102.189%	103.651%	101.574%	84.938%	85.042%
σ		0.540%	n/a	n/a	n/a	n/a	n/a	1.106%	1.205%
%RSD		0.667	1.502	0.454	0.914	1.499	0.970	1.302	1.418
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	15:15:50	20.140	20.190	20.390	20.320	20.360	79.179%		
2	15:16:33	20.660	20.710	21.030	21.270	21.080	79.812%		
3	15:17:16	21.380	21.410	21.790	21.610	21.720	78.259%		
X		103.628%	103.859%	105.349%	105.330%	105.269%	79.083%		
σ		n/a	n/a	n/a	n/a	n/a	0.781%		
%RSD		3.003	2.945	3.332	3.176	3.231	0.988		

CCV 664806 12/21/2012 3:23:05 PM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:23:48	70.858%	99.180	96.090	95.900	0.000	49500.000	48960.000	48730.000
2	15:24:31	70.170%	99.580	96.640	97.480	0.000	48710.000	48290.000	48370.000
3	15:25:14	70.664%	99.270	95.280	97.060	0.000	48550.000	47890.000	48080.000
X		70.564%	99.343%	96.000%	96.815%	0.000	97.834%	96.759%	96.790%
σ		0.355%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		0.502	0.208	0.714	0.848	0.000	1.046	1.113	0.672
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:23:48	479.600	5035.000	0.000	46930.000	46810.000	47570.000	86.532%	100.400
2	15:24:31	476.400	5019.000	0.000	46920.000	47400.000	48070.000	85.291%	101.400
3	15:25:14	467.600	4991.000	0.000	46870.000	47060.000	47730.000	85.361%	98.460
X		94.908%	100.305%	0.000	93.815%	94.179%	95.580%	85.728%	100.062%
σ		n/a	n/a	0.000	n/a	n/a	n/a	0.697%	n/a
%RSD		1.305	0.443	0.000	0.073	0.626	0.543	0.813	1.471
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:23:48	93.080	95.080	493.200	24310.000	24220.000	95.560	96.940	96.640
2	15:24:31	94.840	95.730	489.300	24350.000	24260.000	95.990	96.270	96.820
3	15:25:14	93.000	94.410	486.300	24270.000	24290.000	95.870	96.530	96.340
X		93.637%	95.070%	97.917%	97.250%	97.017%	95.805%	96.580%	96.603%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		1.111	0.692	0.709	0.155	0.148	0.231	0.350	0.250
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:23:48	95.660	99.760	99.390	97.650	100.400	100.900	0.000	95.660
2	15:24:31	96.630	100.500	99.610	96.970	101.200	102.600	0.000	96.310
3	15:25:14	96.790	100.400	101.200	98.050	101.000	101.000	0.000	95.660
X		96.359%	100.203%	100.051%	97.559%	100.884%	101.477%	0.000	95.875%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		0.633	0.384	0.958	0.560	0.414	0.928	0.000	0.390
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:23:48	85.934%	100.400	101.100	82.065%	96.920	97.120	97.530	97.710
2	15:24:31	87.175%	103.800	104.100	82.399%	98.100	97.820	98.140	98.200
3	15:25:14	88.059%	103.400	104.500	83.182%	97.320	97.290	99.850	98.370
X		87.056%	102.554%	103.244%	82.549%	97.444%	97.410%	98.510%	98.094%
σ		1.068%	n/a	n/a	0.573%	n/a	n/a	n/a	n/a
%RSD		1.226	1.812	1.816	0.694	0.614	0.379	1.219	0.351
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:23:48	87.740%	94.310	94.440	94.480	94.110	93.480	93.598%	94.546%
2	15:24:31	89.120%	95.590	95.220	95.240	95.520	93.940	95.117%	96.650%
3	15:25:14	89.847%	95.880	95.130	95.000	94.110	93.170	96.354%	97.517%
X		88.902%	95.259%	94.932%	94.904%	94.578%	93.529%	95.023%	96.238%
σ		1.070%	n/a	n/a	n/a	n/a	n/a	1.380%	1.528%
%RSD		1.204	0.880	0.447	0.410	0.862	0.411	1.452	1.588
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	15:23:48	93.020	93.000	93.240	93.820	93.390	89.207%		
2	15:24:31	94.530	94.720	94.710	94.870	95.230	90.208%		
3	15:25:14	95.840	95.950	95.760	96.490	96.130	90.246%		
X		94.463%	94.557%	94.570%	95.060%	94.915%	89.887%		
σ		n/a	n/a	n/a	n/a	n/a	0.589%		
%RSD		1.492	1.567	1.336	1.410	1.470	0.656		

CCB1 12/21/2012 3:30:21 PM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:31:04	86.122%	-0.017	0.832	0.771	0.000	1.514	0.359	0.512
2	15:31:47	84.577%	-0.011	0.649	0.607	0.000	1.371	0.403	0.510
3	15:32:30	84.807%	-0.024	0.532	0.583	0.000	1.614	0.525	0.460
X		85.169%	-0.017	0.671	0.654	0.000	1.500	0.429	0.494
σ		0.834%	0.006	0.152	0.102	0.000	0.122	0.086	0.030
%RSD		0.979	35.800	22.570	15.680	0.000	8.145	19.970	5.975
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:31:04	0.312	-0.710	0.000	-2.164	-7.218	0.845	101.447%	0.039
2	15:31:47	0.258	-0.715	0.000	-2.958	2.784	-1.284	99.220%	0.100
3	15:32:30	0.120	-0.672	0.000	-1.950	-0.588	-1.044	98.621%	0.056
X		0.230	-0.699	0.000	-2.358	-1.674	-0.495	99.763%	0.065
σ		0.099	0.024	0.000	0.531	5.089	1.166	1.489%	0.032
%RSD		43.060	3.372	0.000	22.530	304.000	235.700	1.493	48.470
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:31:04	-0.037	-0.013	0.152	3.032	11.710	-0.007	-0.002	-0.007
2	15:31:47	0.006	-0.019	0.149	2.424	7.754	-0.004	-0.013	-0.015
3	15:32:30	-0.009	-0.028	0.122	-0.634	5.332	-0.007	-0.034	-0.026
X		-0.013	-0.020	0.141	1.607	8.264	-0.006	-0.017	-0.016
σ		0.022	0.007	0.016	1.964	3.218	0.002	0.016	0.009
%RSD		161.900	35.420	11.700	122.200	38.940	34.350	99.040	59.360
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:31:04	0.003	0.109	-0.228	-0.178	0.443	-0.534	0.000	0.006
2	15:31:47	0.002	-0.011	-0.184	-0.176	0.073	-0.424	0.000	-0.004
3	15:32:30	0.008	0.217	-0.203	0.057	0.241	0.207	0.000	-0.003
X		0.004	0.105	-0.205	-0.099	0.252	-0.251	0.000	-0.000
σ		0.003	0.114	0.022	0.135	0.185	0.400	0.000	0.005
%RSD		78.450	109.000	10.620	136.900	73.400	159.500	0.000	3888.000
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:31:04	92.111%	0.950	0.970	92.971%	-0.004	0.003	0.009	0.026
2	15:31:47	93.871%	0.846	0.938	94.270%	0.001	0.000	-0.006	-0.011
3	15:32:30	93.791%	0.820	0.797	95.040%	-0.002	-0.004	0.021	-0.006
X		93.257%	0.872	0.901	94.094%	-0.002	-0.000	0.008	0.003
σ		0.994%	0.069	0.092	1.046%	0.002	0.004	0.013	0.020
%RSD		1.066	7.860	10.240	1.111	159.200	1128.000	166.600	682.100
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:31:04	93.679%	0.048	-0.046	-0.025	0.007	-0.000	97.190%	97.428%
2	15:31:47	96.431%	-0.062	-0.040	-0.031	0.003	0.011	100.350%	100.543%
3	15:32:30	97.171%	-0.038	-0.033	-0.034	0.009	-0.005	101.410%	102.274%
X		95.760%	-0.017	-0.039	-0.030	0.006	0.002	99.650%	100.082%
σ		1.840%	0.057	0.007	0.004	0.003	0.008	2.196%	2.456%
%RSD		1.922	331.400	16.540	14.850	51.990	457.000	2.203	2.454
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	15:31:04	0.007	0.004	0.028	0.021	0.018	101.984%		
2	15:31:47	0.006	0.008	0.010	0.021	0.014	104.972%		
3	15:32:30	-0.000	0.001	0.013	0.014	0.011	106.048%		
X		0.004	0.005	0.017	0.019	0.014	104.335%		
σ		0.004	0.003	0.010	0.004	0.004	2.106%		
%RSD		88.480	72.400	58.410	23.370	27.540	2.018		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:35:23	92.432%	-0.035	0.340	0.357	0.000	15.480	5.512	6.031
2	15:36:06	90.211%	-0.007	0.503	0.377	0.000	12.960	6.010	6.423
3	15:36:49	88.209%	-0.020	0.253	0.312	0.000	12.590	7.189	7.514
X		90.284%	-0.020	0.366	0.349	0.000	13.680	6.237	6.656
σ		2.112%	0.014	0.127	0.033	0.000	1.570	0.861	0.768
%RSD		2.340	68.170	34.690	9.554	0.000	11.480	13.810	11.540
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:35:23	11.190	2.849	0.000	1.986	15.850	8.746	114.631%	0.137
2	15:36:06	13.450	2.906	0.000	-1.339	19.630	10.240	111.802%	0.570
3	15:36:49	15.430	4.914	0.000	3.209	20.330	15.650	97.972%	0.173
X		13.360	3.556	0.000	1.286	18.600	11.550	108.135%	0.293
σ		2.121	1.176	0.000	2.353	2.410	3.635	8.914%	0.240
%RSD		15.880	33.080	0.000	183.100	12.960	31.480	8.244	81.940
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:35:23	-0.102	0.171	0.267	19.810	34.080	-0.012	0.076	0.046
2	15:36:06	0.173	0.178	0.333	21.150	33.870	-0.009	0.086	0.073
3	15:36:49	0.250	0.188	0.407	28.280	38.090	-0.008	0.053	0.086
X		0.107	0.179	0.336	23.080	35.350	-0.010	0.072	0.069
σ		0.185	0.008	0.070	4.554	2.377	0.002	0.017	0.020
%RSD		172.600	4.621	20.890	19.730	6.724	21.300	23.760	29.570
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:35:23	0.067	0.202	0.126	-0.401	-0.426	-1.209	0.000	0.051
2	15:36:06	0.057	0.283	0.092	-0.487	-0.473	-1.648	0.000	0.052
3	15:36:49	0.077	0.522	0.568	-0.295	-0.572	-1.569	0.000	0.058
X		0.067	0.336	0.262	-0.395	-0.490	-1.475	0.000	0.054
σ		0.010	0.166	0.265	0.096	0.074	0.234	0.000	0.004
%RSD		14.910	49.560	101.300	24.370	15.180	15.840	0.000	6.820
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:35:23	97.168%	1.013	1.021	90.166%	0.055	0.061	-0.044	-0.042
2	15:36:06	97.138%	0.982	0.961	88.892%	0.049	0.053	-0.060	-0.046
3	15:36:49	94.871%	0.862	0.894	87.574%	0.058	0.054	-0.036	-0.026
X		96.393%	0.953	0.959	88.877%	0.054	0.056	-0.047	-0.038
σ		1.318%	0.080	0.063	1.296%	0.005	0.005	0.012	0.011
%RSD		1.367	8.387	6.608	1.458	8.683	8.210	26.420	28.340
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:35:23	91.265%	4.540	0.052	0.062	0.165	0.165	95.822%	96.252%
2	15:36:06	91.899%	4.122	0.086	0.060	0.124	0.161	97.284%	97.970%
3	15:36:49	89.972%	4.122	0.042	0.065	0.171	0.157	95.216%	95.871%
X		91.046%	4.261	0.060	0.062	0.153	0.161	96.107%	96.697%
σ		0.982%	0.241	0.023	0.003	0.025	0.004	1.063%	1.118%
%RSD		1.079	5.658	39.110	4.562	16.570	2.604	1.106	1.157
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	15:35:23	0.001	0.009	0.060	0.055	0.053	100.275%		
2	15:36:06	0.002	0.003	0.042	0.062	0.051	100.561%		
3	15:36:49	-0.001	0.001	0.048	0.046	0.048	99.720%		
X		0.001	0.004	0.050	0.054	0.051	100.185%		
σ		0.001	0.004	0.009	0.008	0.003	0.428%		
%RSD		203.100	109.500	18.050	15.030	5.063	0.427		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:39:40	71.182%	854.000	83.290	84.060	0.000	9009.000	8997.000	9166.000
2	15:40:23	73.048%	849.300	82.890	82.110	0.000	8669.000	8651.000	8886.000
3	15:41:06	73.060%	834.500	81.890	84.870	0.000	8962.000	8834.000	9065.000
x		72.430%	845.900	82.690	83.680	0.000	8880.000	8828.000	9039.000
σ		1.081%	10.170	0.722	1.416	0.000	184.300	173.100	141.600
%RSD		1.492	1.203	0.873	1.693	0.000	2.075	1.960	1.567
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:39:40	8942.000	54.210	0.000	8745.000	9724.000	9041.000	77.157%	95.190
2	15:40:23	8762.000	52.630	0.000	8620.000	9583.000	9018.000	77.382%	94.660
3	15:41:06	8879.000	51.620	0.000	8680.000	9771.000	9140.000	77.337%	96.950
x		8861.000	52.820	0.000	8682.000	9693.000	9067.000	77.292%	95.600
σ		91.170	1.306	0.000	62.470	97.720	64.880	0.119%	1.200
%RSD		1.029	2.472	0.000	0.720	1.008	0.716	0.154	1.255
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:39:40	945.200	964.100	945.700	9390.000	8931.000	952.600	943.700	941.400
2	15:40:23	948.400	962.600	950.800	9358.000	8995.000	950.700	944.800	952.800
3	15:41:06	957.000	975.600	960.600	9555.000	9131.000	968.400	948.600	962.900
x		950.200	967.400	952.400	9434.000	9019.000	957.300	945.700	952.400
σ		6.086	7.095	7.536	105.800	102.000	9.722	2.558	10.790
%RSD		0.641	0.733	0.791	1.121	1.131	1.016	0.271	1.133
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:39:40	942.700	871.700	870.300	842.200	810.300	816.600	0.000	938.900
2	15:40:23	944.300	870.200	868.900	847.300	812.900	824.800	0.000	939.500
3	15:41:06	953.600	880.000	882.100	852.100	814.400	822.900	0.000	952.000
x		946.900	874.000	873.800	847.200	812.500	821.400	0.000	943.400
σ		5.870	5.278	7.256	4.927	2.086	4.291	0.000	7.395
%RSD		0.620	0.604	0.830	0.582	0.257	0.522	0.000	0.784
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:39:40	76.533%	91.800	90.330	78.755%	90.910	91.120	834.800	841.400
2	15:40:23	77.076%	92.050	91.430	79.376%	91.660	91.910	842.900	849.900
3	15:41:06	77.733%	93.170	93.280	79.485%	93.010	93.510	856.500	864.800
x		77.114%	92.340	91.680	79.205%	91.860	92.180	844.700	852.100
σ		0.601%	0.729	1.491	0.393%	1.068	1.219	10.950	11.860
%RSD		0.779	0.789	1.626	0.497	1.163	1.322	1.296	1.392
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:39:40	82.374%	98.680	81.320	81.790	840.300	835.500	88.055%	89.261%
2	15:40:23	83.108%	99.860	82.180	82.260	846.700	844.700	89.834%	91.015%
3	15:41:06	83.364%	99.990	83.860	83.590	864.400	865.400	90.450%	91.528%
x		82.948%	99.510	82.450	82.550	850.500	848.500	89.446%	90.601%
σ		0.514%	0.722	1.295	0.930	12.480	15.320	1.244%	1.189%
%RSD		0.620	0.725	1.571	1.127	1.468	1.806	1.391	1.312
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	15:39:40	210.500	210.300	835.200	884.600	877.700	83.687%		
2	15:40:23	217.200	215.700	855.200	905.000	895.700	84.216%		
3	15:41:06	216.100	217.100	855.800	905.200	896.700	85.555%		
x		214.600	214.400	848.700	898.300	890.000	84.486%		
σ		3.604	3.608	11.720	11.850	10.740	0.963%		
%RSD		1.679	1.683	1.381	1.320	1.206	1.140		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:47:35	78.933%	6.385	46.140	46.220	0.000	521.100	18730.000	19180.000
2	15:48:18	77.454%	5.891	46.070	46.700	0.000	516.700	18850.000	19430.000
3	15:49:01	76.503%	5.946	44.050	45.680	0.000	492.700	17820.000	18200.000
X		77.630%	6.074	45.420	46.200	0.000	510.200	18470.000	18930.000
σ		1.225%	0.271	1.185	0.510	0.000	15.250	565.600	651.600
%RSD		1.577	4.459	2.608	1.104	0.000	2.989	3.063	3.442
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:47:35	80900.000	2154.000	0.000	9543.000	43290.000	44640.000	84.181%	589.800
2	15:48:18	81990.000	2196.000	0.000	9654.000	43800.000	44910.000	82.796%	594.500
3	15:49:01	77690.000	2067.000	0.000	8877.000	40410.000	40890.000	89.220%	544.400
X		80190.000	2139.000	0.000	9358.000	42500.000	43480.000	85.399%	576.200
σ		2235.000	65.760	0.000	420.300	1826.000	2250.000	3.381%	27.700
%RSD		2.787	3.074	0.000	4.491	4.296	5.175	3.959	4.807
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:47:35	137.600	105.500	15110.000	140200.000	139200.000	66.490	144.300	114.300
2	15:48:18	136.800	105.800	15160.000	139500.000	140900.000	66.690	146.200	114.900
3	15:49:01	128.400	98.180	13910.000	129400.000	130700.000	62.630	136.100	108.300
X		134.200	103.100	14730.000	136300.000	136900.000	65.270	142.200	112.500
σ		5.117	4.302	709.500	6040.000	5489.000	2.291	5.392	3.688
%RSD		3.812	4.170	4.818	4.431	4.009	3.510	3.792	3.278
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:47:35	114.200	947.900	949.700	65.220	6.548	9.893	0.000	177.800
2	15:48:18	116.600	960.000	966.900	65.290	6.423	8.866	0.000	180.300
3	15:49:01	108.600	906.500	918.400	62.400	5.645	8.554	0.000	175.000
X		113.100	938.100	945.000	64.300	6.205	9.104	0.000	177.700
σ		4.116	28.020	24.600	1.648	0.489	0.701	0.000	2.689
%RSD		3.639	2.987	2.603	2.563	7.878	7.696	0.000	1.513
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:47:35	0.000	8.610	8.547	78.847%	10.050	10.210	4.358	4.121
2	15:48:18	0.000	8.795	8.603	79.820%	10.190	10.270	4.275	4.214
3	15:49:01	0.000	8.510	8.497	81.096%	10.040	10.040	4.198	3.932
X		0.000	8.638	8.549	79.921%	10.090	10.170	4.277	4.089
σ		0.000	0.145	0.053	1.128%	0.087	0.120	0.080	0.144
%RSD		0.000	1.676	0.620	1.411	0.858	1.181	1.870	3.515
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:47:35	81.961%	13.520	1.428	1.473	751.700	748.600	87.195%	86.486%
2	15:48:18	84.558%	13.520	1.464	1.429	750.100	746.100	90.134%	89.403%
3	15:49:01	86.228%	13.040	1.353	1.389	734.000	731.500	92.556%	92.081%
X		84.249%	13.360	1.415	1.430	745.300	742.100	89.962%	89.324%
σ		2.150%	0.279	0.056	0.042	9.793	9.258	2.684%	2.798%
%RSD		2.552	2.091	3.987	2.927	1.314	1.248	2.984	3.133
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	15:47:35	1.461	1.472	153.700	151.200	152.400	77.253%		
2	15:48:18	1.437	1.433	155.700	152.700	153.800	80.105%		
3	15:49:01	1.359	1.361	152.200	149.900	150.500	82.023%		
X		1.419	1.422	153.800	151.300	152.300	79.794%		
σ		0.053	0.057	1.747	1.419	1.640	2.400%		
%RSD		3.750	3.990	1.135	0.938	1.077	3.008		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:51:53	85.098%	1.400	10.720	10.350	0.000	95.340	3569.000	3636.000
2	15:52:36	85.097%	1.164	9.958	10.170	0.000	95.420	3554.000	3629.000
3	15:53:18	84.049%	1.327	10.410	10.040	0.000	97.030	3592.000	3639.000
X		84.748%	1.297	10.360	10.180	0.000	95.930	3572.000	3634.000
σ		0.605%	0.121	0.384	0.158	0.000	0.956	19.090	4.906
%RSD		0.714	9.317	3.705	1.553	0.000	0.997	0.534	0.135
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:51:53	16050.000	424.200	0.000	1854.000	8172.000	7854.000	99.764%	111.500
2	15:52:36	15740.000	429.400	0.000	1830.000	8177.000	7849.000	98.118%	110.900
3	15:53:18	16000.000	427.100	0.000	1864.000	8419.000	7914.000	99.157%	110.500
X		15930.000	426.900	0.000	1849.000	8256.000	7872.000	99.013%	111.000
σ		164.200	2.577	0.000	17.790	141.600	36.290	0.833%	0.531
%RSD		1.031	0.604	0.000	0.962	1.715	0.461	0.841	0.479
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:51:53	25.460	19.600	2795.000	26470.000	26050.000	12.060	27.790	21.900
2	15:52:36	25.290	19.770	2823.000	26590.000	26150.000	12.510	27.350	22.720
3	15:53:18	25.230	19.810	2814.000	26740.000	26290.000	12.470	28.140	22.380
X		25.330	19.720	2811.000	26600.000	26160.000	12.350	27.760	22.330
σ		0.122	0.114	14.580	134.500	119.700	0.251	0.395	0.410
%RSD		0.481	0.577	0.519	0.506	0.458	2.029	1.422	1.837
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:51:53	21.580	187.700	189.700	12.620	1.104	0.635	0.000	32.030
2	15:52:36	22.160	189.900	190.000	12.530	0.842	1.384	0.000	32.000
3	15:53:18	22.390	191.500	192.600	12.440	0.879	0.587	0.000	32.290
X		22.040	189.700	190.800	12.530	0.942	0.869	0.000	32.110
σ		0.419	1.906	1.622	0.094	0.142	0.447	0.000	0.162
%RSD		1.900	1.004	0.850	0.746	15.050	51.460	0.000	0.504
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:51:53	98.041%	1.611	1.672	90.261%	1.990	2.078	0.774	0.810
2	15:52:36	99.622%	1.713	1.677	91.397%	1.981	2.127	0.921	0.852
3	15:53:18	99.797%	1.741	1.728	91.746%	2.050	2.069	0.753	0.765
X		99.153%	1.689	1.692	91.135%	2.007	2.091	0.816	0.809
σ		0.968%	0.068	0.031	0.776%	0.037	0.031	0.092	0.044
%RSD		0.976	4.051	1.846	0.852	1.864	1.489	11.240	5.403
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:51:53	91.470%	2.208	0.211	0.224	149.900	148.400	93.586%	92.834%
2	15:52:36	93.434%	2.188	0.257	0.248	150.800	150.200	95.448%	95.532%
3	15:53:18	94.322%	2.251	0.222	0.233	150.800	149.800	96.584%	96.556%
X		93.075%	2.216	0.230	0.235	150.500	149.500	95.206%	94.974%
σ		1.459%	0.032	0.024	0.012	0.518	0.979	1.513%	1.923%
%RSD		1.568	1.446	10.400	5.216	0.344	0.655	1.589	2.025
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	15:51:53	0.340	0.329	29.260	28.920	29.040	89.756%		
2	15:52:36	0.328	0.334	29.880	29.770	29.600	91.392%		
3	15:53:18	0.306	0.322	29.730	29.290	29.380	92.960%		
X		0.325	0.328	29.620	29.330	29.340	91.369%		
σ		0.017	0.006	0.325	0.426	0.283	1.602%		
%RSD		5.356	1.907	1.096	1.452	0.965	1.754		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:56:10	85.479%	5.410	31.050	31.310	0.000	428.700	17500.000	17830.000
2	15:56:53	83.359%	5.186	30.610	30.710	0.000	401.500	16690.000	17110.000
3	15:57:36	83.246%	5.435	32.270	31.930	0.000	330.400	17330.000	17880.000
X		84.028%	5.344	31.310	31.320	0.000	386.900	17170.000	17600.000
σ		1.258%	0.137	0.861	0.612	0.000	50.770	428.900	431.400
%RSD		1.497	2.570	2.749	1.955	0.000	13.120	2.498	2.451
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:56:10	65240.000	3004.000	0.000	6523.000	41640.000	43330.000	89.228%	476.200
2	15:56:53	62350.000	2878.000	0.000	6081.000	39000.000	40010.000	94.334%	443.600
3	15:57:36	65510.000	3015.000	0.000	6570.000	43290.000	44250.000	85.497%	481.800
X		64370.000	2966.000	0.000	6391.000	41310.000	42530.000	89.686%	467.200
σ		1749.000	75.740	0.000	269.900	2163.000	2234.000	4.436%	20.620
%RSD		2.718	2.554	0.000	4.223	5.237	5.253	4.946	4.414
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:56:10	112.500	88.310	15450.000	130600.000	130700.000	64.770	137.500	109.400
2	15:56:53	105.800	83.180	14680.000	123600.000	124500.000	61.970	131.100	104.500
3	15:57:36	113.500	91.020	15870.000	132300.000	132600.000	66.970	140.500	112.500
X		110.600	87.500	15330.000	128900.000	129300.000	64.570	136.400	108.800
σ		4.177	3.980	607.000	4609.000	4260.000	2.506	4.817	4.053
%RSD		3.777	4.548	3.959	3.577	3.295	3.881	3.532	3.724
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:56:10	107.500	850.400	861.300	62.280	5.409	9.276	0.000	152.100
2	15:56:53	106.100	825.200	835.900	60.020	5.080	8.022	0.000	151.900
3	15:57:36	112.600	875.800	882.700	62.970	5.310	9.349	0.000	156.800
X		108.700	850.500	860.000	61.760	5.266	8.882	0.000	153.600
σ		3.432	25.300	23.400	1.539	0.169	0.746	0.000	2.772
%RSD		3.156	2.975	2.721	2.492	3.207	8.396	0.000	1.805
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:56:10	0.000	8.062	7.945	81.663%	10.040	10.030	4.219	4.042
2	15:56:53	0.000	8.120	7.982	82.408%	10.180	10.080	4.086	4.060
3	15:57:36	0.000	8.186	8.239	82.513%	10.270	10.230	4.162	3.960
X		0.000	8.123	8.056	82.194%	10.170	10.110	4.156	4.021
σ		0.000	0.062	0.160	0.463%	0.118	0.101	0.067	0.053
%RSD		0.000	0.766	1.987	0.564	1.159	1.003	1.602	1.321
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:56:10	84.691%	24.060	1.343	1.323	705.800	699.600	89.469%	88.274%
2	15:56:53	86.503%	24.350	1.324	1.372	707.100	705.500	91.758%	91.344%
3	15:57:36	86.683%	24.690	1.314	1.322	720.600	715.500	92.171%	91.651%
X		85.959%	24.360	1.327	1.339	711.200	706.900	91.133%	90.423%
σ		1.101%	0.313	0.015	0.028	8.238	8.047	1.456%	1.867%
%RSD		1.281	1.283	1.126	2.100	1.158	1.138	1.597	2.065
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	15:56:10	1.105	1.132	153.000	150.900	151.900	77.387%		
2	15:56:53	1.102	1.154	155.600	153.300	153.800	79.939%		
3	15:57:36	1.153	1.170	158.900	157.600	157.800	79.315%		
X		1.120	1.152	155.900	153.900	154.500	78.880%		
σ		0.028	0.019	2.928	3.420	3.014	1.330%		
%RSD		2.528	1.657	1.878	2.222	1.951	1.686		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:00:28	79.621%	87.590	99.480	98.690	0.000	8784.000	24920.000	25430.000
2	16:01:11	78.027%	85.020	101.600	102.000	0.000	8858.000	24900.000	25400.000
3	16:01:54	74.925%	87.630	104.300	105.400	0.000	9197.000	26120.000	26820.000
X		77.524%	86.750	101.800	102.000	0.000	8946.000	25310.000	25880.000
σ		2.388%	1.497	2.430	3.374	0.000	220.000	698.200	811.100
%RSD		3.080	1.725	2.387	3.306	0.000	2.460	2.758	3.134
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:00:28	76210.000	3204.000	0.000	14650.000	43440.000	44400.000	93.222%	481.400
2	16:01:11	76520.000	3225.000	0.000	14900.000	44670.000	45290.000	91.506%	487.000
3	16:01:54	80900.000	3399.000	0.000	15390.000	46560.000	48080.000	83.800%	529.800
X		77880.000	3276.000	0.000	14980.000	44890.000	45920.000	89.509%	499.400
σ		2622.000	107.000	0.000	376.000	1571.000	1918.000	5.019%	26.490
%RSD		3.367	3.266	0.000	2.510	3.500	4.177	5.607	5.305
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:00:28	193.200	170.800	14680.000	128700.000	129200.000	145.300	215.200	189.500
2	16:01:11	195.800	171.900	14670.000	128400.000	130700.000	146.000	214.900	189.800
3	16:01:54	212.300	184.800	15660.000	135800.000	136700.000	153.900	226.200	200.100
X		200.400	175.900	15010.000	130900.000	132200.000	148.400	218.800	193.100
σ		10.340	7.796	569.800	4187.000	3980.000	4.769	6.406	6.006
%RSD		5.160	4.433	3.797	3.198	3.010	3.215	2.928	3.110
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:00:28	190.400	900.900	907.200	137.300	78.200	81.930	0.000	230.600
2	16:01:11	190.300	914.100	923.600	139.400	77.800	83.200	0.000	234.000
3	16:01:54	199.900	956.500	970.300	143.900	81.570	85.350	0.000	240.200
X		193.500	923.800	933.700	140.200	79.190	83.490	0.000	234.900
σ		5.502	29.020	32.750	3.382	2.071	1.730	0.000	4.832
%RSD		2.844	3.142	3.508	2.413	2.615	2.072	0.000	2.057
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:00:28	0.000	92.030	92.240	80.664%	95.770	96.300	85.370	85.480
2	16:01:11	0.000	93.560	93.710	81.159%	96.020	96.970	85.320	85.650
3	16:01:54	0.000	95.050	95.050	80.831%	96.680	97.340	86.510	85.780
X		0.000	93.550	93.670	80.885%	96.160	96.870	85.730	85.640
σ		0.000	1.512	1.408	0.252%	0.468	0.527	0.674	0.153
%RSD		0.000	1.616	1.503	0.311	0.487	0.544	0.786	0.179
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:00:28	83.900%	86.730	25.750	25.750	801.100	796.700	88.984%	87.959%
2	16:01:11	85.290%	86.550	26.290	26.390	811.200	802.200	91.372%	90.352%
3	16:01:54	85.905%	87.270	26.340	26.190	806.600	799.400	92.129%	90.987%
X		85.032%	86.850	26.130	26.110	806.300	799.500	90.828%	89.766%
σ		1.027%	0.375	0.325	0.327	5.026	2.753	1.642%	1.597%
%RSD		1.208	0.431	1.244	1.253	0.623	0.344	1.807	1.779
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	16:00:28	84.970	85.170	236.300	239.800	237.800	76.583%		
2	16:01:11	86.850	86.550	240.100	243.300	241.100	78.607%		
3	16:01:54	86.400	86.480	239.800	241.300	239.500	79.878%		
X		86.070	86.070	238.700	241.500	239.500	78.356%		
σ		0.978	0.775	2.130	1.788	1.686	1.662%		
%RSD		1.137	0.900	0.892	0.740	0.704	2.121		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:04:46	73.802%	47.660	845.900	866.700	0.000	44850.000	61700.000	62290.000
2	16:05:29	73.110%	47.380	834.200	853.700	0.000	43600.000	59430.000	61750.000
3	16:06:12	70.708%	48.180	869.300	885.900	0.000	43640.000	60420.000	62010.000
x		72.540%	47.740	849.800	868.800	0.000	44030.000	60520.000	62010.000
σ		1.624%	0.405	17.890	16.200	0.000	711.500	1139.000	270.800
%RSD		2.239	0.849	2.105	1.865	0.000	1.616	1.881	0.437
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:04:46	79820.000	11480.000	0.000	53630.000	87060.000	89430.000	79.928%	1509.000
2	16:05:29	78970.000	11300.000	0.000	53040.000	86960.000	89120.000	77.366%	1519.000
3	16:06:12	80370.000	11370.000	0.000	52840.000	86870.000	88870.000	76.923%	1526.000
x		79720.000	11380.000	0.000	53170.000	86960.000	89140.000	78.072%	1518.000
σ		703.800	88.710	0.000	411.400	98.220	279.100	1.623%	8.739
%RSD		0.883	0.779	0.000	0.774	0.113	0.313	2.078	0.576
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:04:46	621.000	287.100	14790.000	132800.000	134000.000	534.100	591.800	334.600
2	16:05:29	624.600	289.500	15030.000	136200.000	137000.000	536.100	594.200	334.400
3	16:06:12	630.700	290.900	15000.000	135300.000	137100.000	536.500	594.200	335.100
x		625.400	289.200	14940.000	134800.000	136100.000	535.600	593.400	334.700
σ		4.902	1.886	131.300	1727.000	1750.000	1.271	1.389	0.345
%RSD		0.784	0.652	0.879	1.281	1.287	0.237	0.234	0.103
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:04:46	334.100	1338.000	1349.000	96.650	14.700	17.660	0.000	1139.000
2	16:05:29	337.200	1353.000	1361.000	97.610	14.620	17.630	0.000	1150.000
3	16:06:12	338.400	1360.000	1371.000	98.210	14.690	17.520	0.000	1156.000
x		336.500	1350.000	1360.000	97.490	14.670	17.600	0.000	1148.000
σ		2.238	11.710	11.100	0.790	0.042	0.074	0.000	8.443
%RSD		0.665	0.867	0.816	0.810	0.288	0.420	0.000	0.735
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:04:46	0.000	962.900	960.800	73.576%	54.180	54.020	48.050	42.460
2	16:05:29	0.000	980.400	977.700	73.730%	54.600	54.720	48.550	43.090
3	16:06:12	0.000	981.700	986.300	73.384%	55.000	54.950	48.200	42.790
x		0.000	975.000	975.000	73.563%	54.590	54.560	48.260	42.780
σ		0.000	10.480	12.960	0.173%	0.410	0.485	0.256	0.315
%RSD		0.000	1.075	1.329	0.236	0.750	0.889	0.531	0.737
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:04:46	78.540%	1832.000	411.900	414.900	2440.000	2419.000	84.460%	83.854%
2	16:05:29	78.783%	1847.000	421.700	421.600	2476.000	2448.000	85.680%	85.630%
3	16:06:12	78.906%	1855.000	423.600	423.700	2465.000	2444.000	87.441%	86.698%
x		78.743%	1845.000	419.100	420.100	2460.000	2437.000	85.860%	85.394%
σ		0.186%	11.540	6.266	4.586	18.220	15.770	1.499%	1.437%
%RSD		0.236	0.625	1.495	1.092	0.741	0.647	1.745	1.683
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	16:04:46	47.200	47.570	169.700	168.100	169.000	72.797%		
2	16:05:29	47.720	47.810	171.300	170.300	170.900	74.599%		
3	16:06:12	47.370	48.050	172.100	170.300	171.100	75.208%		
x		47.430	47.810	171.100	169.600	170.300	74.201%		
σ		0.265	0.237	1.226	1.235	1.158	1.254%		
%RSD		0.558	0.496	0.717	0.729	0.680	1.690		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:12:00	67.803%	11.180	68.030	68.210	0.000	2057.000	35890.000	36690.000
2	16:12:43	66.475%	11.310	65.030	66.500	0.000	2024.000	35440.000	36580.000
3	16:13:26	66.081%	11.330	66.730	67.310	0.000	2031.000	35870.000	37170.000
X		66.786%	11.270	66.600	67.340	0.000	2037.000	35730.000	36820.000
σ		0.902%	0.079	1.504	0.856	0.000	17.470	254.300	315.000
%RSD		1.351	0.704	2.259	1.271	0.000	0.857	0.712	0.856
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:12:00	104400.000	4680.000	0.000	7761.000	312200.000	323300.000	73.242%	875.500
2	16:12:43	104800.000	4606.000	0.000	7652.000	311400.000	328000.000	71.481%	889.800
3	16:13:26	105300.000	4680.000	0.000	7675.000	312400.000	324700.000	68.963%	892.200
X		104800.000	4655.000	0.000	7696.000	312000.000	325300.000	71.229%	885.800
σ		460.600	42.750	0.000	57.320	524.700	2408.000	2.151%	9.039
%RSD		0.440	0.918	0.000	0.745	0.168	0.740	3.019	1.020
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:12:00	99.710	135.300	27610.000	125300.000	125400.000	68.050	137.800	139.300
2	16:12:43	101.100	137.800	28050.000	126800.000	127900.000	68.830	139.500	138.900
3	16:13:26	101.800	139.300	28330.000	129400.000	129700.000	70.690	143.100	143.100
X		100.900	137.400	28000.000	127100.000	127700.000	69.190	140.100	140.400
σ		1.051	2.008	364.100	2060.000	2189.000	1.355	2.702	2.347
%RSD		1.042	1.461	1.301	1.620	1.715	1.958	1.928	1.671
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:12:00	139.900	827.800	837.700	58.160	6.299	9.119	0.000	758.200
2	16:12:43	139.500	838.700	845.100	59.510	5.654	9.689	0.000	780.100
3	16:13:26	143.100	855.300	865.500	60.440	6.597	9.045	0.000	786.300
X		140.800	840.600	849.400	59.370	6.184	9.285	0.000	774.900
σ		1.997	13.860	14.410	1.145	0.482	0.352	0.000	14.780
%RSD		1.418	1.649	1.696	1.929	7.802	3.797	0.000	1.907
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:12:00	0.000	8.674	8.433	68.930%	14.750	14.550	5.351	4.902
2	16:12:43	0.000	8.423	8.187	69.157%	14.980	15.070	4.891	4.912
3	16:13:26	0.000	7.977	8.144	69.406%	14.980	14.850	4.772	4.813
X		0.000	8.358	8.255	69.164%	14.900	14.830	5.005	4.876
σ		0.000	0.353	0.156	0.238%	0.133	0.265	0.306	0.054
%RSD		0.000	4.228	1.892	0.345	0.895	1.788	6.110	1.117
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:12:00	73.814%	19.660	3.143	3.244	850.300	847.100	80.234%	79.554%
2	16:12:43	75.167%	17.920	2.813	2.820	871.700	857.800	82.305%	82.026%
3	16:13:26	75.650%	17.340	2.567	2.638	867.800	856.900	83.504%	83.163%
X		74.877%	18.300	2.841	2.901	863.300	854.000	82.015%	81.581%
σ		0.952%	1.206	0.289	0.311	11.380	5.936	1.654%	1.845%
%RSD		1.271	6.590	10.170	10.720	1.318	0.695	2.017	2.262
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	16:12:00	0.982	1.005	206.900	204.600	205.100	71.303%		
2	16:12:43	1.014	1.017	209.800	209.300	208.900	73.449%		
3	16:13:26	1.038	1.011	213.200	209.400	210.600	73.769%		
X		1.011	1.011	210.000	207.700	208.200	72.840%		
σ		0.028	0.006	3.134	2.752	2.833	1.341%		
%RSD		2.811	0.593	1.493	1.325	1.361	1.841		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:16:19	80.622%	3.057	25.470	26.960	0.000	501.800	24030.000	24580.000
2	16:17:02	81.008%	3.154	26.470	27.030	0.000	505.500	24610.000	25020.000
3	16:17:45	79.775%	3.179	25.720	26.790	0.000	500.300	24110.000	24880.000
X		80.468%	3.130	25.890	26.930	0.000	502.500	24250.000	24830.000
σ		0.631%	0.064	0.523	0.124	0.000	2.701	311.400	223.500
%RSD		0.784	2.059	2.021	0.461	0.000	0.537	1.284	0.900
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:16:19	54030.000	1626.000	0.000	8497.000	10740.000	10380.000	97.178%	437.700
2	16:17:02	54050.000	1628.000	0.000	8760.000	11120.000	10590.000	94.969%	433.500
3	16:17:45	54160.000	1636.000	0.000	8702.000	10900.000	10520.000	94.254%	441.900
X		54080.000	1630.000	0.000	8653.000	10920.000	10500.000	95.467%	437.700
σ		74.130	5.181	0.000	137.900	192.300	108.100	1.524%	4.216
%RSD		0.137	0.318	0.000	1.593	1.761	1.030	1.597	0.963
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:16:19	91.540	85.240	1842.000	164400.000	167200.000	72.270	175.400	215.300
2	16:17:02	94.150	87.520	1865.000	166700.000	170800.000	73.710	176.000	219.700
3	16:17:45	97.280	87.960	1852.000	167500.000	168500.000	72.280	174.600	218.200
X		94.320	86.910	1853.000	166200.000	168800.000	72.750	175.300	217.700
σ		2.873	1.460	11.520	1583.000	1817.000	0.832	0.696	2.236
%RSD		3.046	1.680	0.622	0.953	1.076	1.143	0.397	1.027
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:16:19	214.300	548.500	552.400	112.900	2.242	5.225	0.000	53.930
2	16:17:02	218.800	561.300	564.900	115.700	2.149	5.877	0.000	55.500
3	16:17:45	218.500	561.600	565.200	116.400	2.084	5.462	0.000	54.920
X		217.200	557.100	560.900	115.000	2.158	5.521	0.000	54.780
σ		2.564	7.500	7.293	1.823	0.080	0.330	0.000	0.790
%RSD		1.180	1.346	1.300	1.585	3.684	5.972	0.000	1.443
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:16:19	0.000	7.729	7.730	83.515%	0.271	0.220	1.891	1.546
2	16:17:02	0.000	7.724	7.839	83.922%	0.303	0.226	2.097	1.689
3	16:17:45	0.000	7.700	7.724	83.713%	0.312	0.235	1.883	1.582
X		0.000	7.718	7.764	83.717%	0.296	0.227	1.957	1.606
σ		0.000	0.015	0.065	0.204%	0.022	0.007	0.122	0.074
%RSD		0.000	0.200	0.831	0.243	7.301	3.266	6.213	4.620
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:16:19	85.621%	9.139	0.934	0.915	242.600	241.200	92.530%	91.389%
2	16:17:02	87.233%	8.550	0.826	0.827	242.300	241.700	95.442%	93.567%
3	16:17:45	87.538%	8.402	0.709	0.708	240.800	240.500	95.084%	93.960%
X		86.797%	8.697	0.823	0.817	241.900	241.100	94.352%	92.972%
σ		1.030%	0.390	0.112	0.104	0.944	0.590	1.588%	1.385%
%RSD		1.187	4.483	13.640	12.730	0.390	0.245	1.683	1.490
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	16:16:19	1.166	1.161	122.700	123.100	123.000	80.081%		
2	16:17:02	1.193	1.172	124.700	123.600	124.600	81.769%		
3	16:17:45	1.209	1.215	123.600	123.800	123.800	82.205%		
X		1.189	1.183	123.700	123.500	123.800	81.352%		
σ		0.022	0.029	1.018	0.367	0.808	1.122%		
%RSD		1.837	2.417	0.823	0.297	0.652	1.379		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:20:38	88.308%	0.611	9.292	8.984	0.000	109.100	1203.000	1241.000
2	16:21:21	85.745%	0.672	9.434	9.322	0.000	110.900	1224.000	1273.000
3	16:22:04	82.056%	0.660	9.692	8.967	0.000	112.900	1244.000	1299.000
X		85.370%	0.648	9.472	9.091	0.000	111.000	1224.000	1271.000
σ		3.142%	0.032	0.203	0.200	0.000	1.914	20.500	28.610
%RSD		3.681	5.011	2.141	2.203	0.000	1.725	1.675	2.251
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:20:38	11350.000	1896.000	0.000	2390.000	1840.000	1809.000	99.332%	97.460
2	16:21:21	11520.000	1928.000	0.000	2387.000	1902.000	1830.000	96.170%	96.640
3	16:22:04	11700.000	1963.000	0.000	2391.000	1927.000	1818.000	95.619%	100.400
X		11520.000	1929.000	0.000	2389.000	1890.000	1819.000	97.040%	98.150
σ		177.300	33.370	0.000	1.883	44.510	10.810	2.004%	1.949
%RSD		1.539	1.730	0.000	0.079	2.355	0.594	2.065	1.985
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:20:38	17.880	32.790	103.000	11000.000	10270.000	4.156	13.530	18.440
2	16:21:21	17.670	33.550	105.500	11250.000	10500.000	4.181	13.940	19.180
3	16:22:04	20.010	33.540	105.400	11140.000	10520.000	4.261	13.570	18.720
X		18.520	33.290	104.600	11130.000	10430.000	4.199	13.680	18.780
σ		1.293	0.434	1.426	123.600	137.300	0.055	0.231	0.377
%RSD		6.981	1.305	1.363	1.110	1.317	1.313	1.685	2.007
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:20:38	18.380	36.060	36.230	5.074	-0.111	0.861	0.000	12.510
2	16:21:21	19.110	37.150	37.720	4.444	-0.216	0.748	0.000	12.610
3	16:22:04	18.970	36.950	36.940	4.097	-0.094	0.696	0.000	12.590
X		18.820	36.720	36.960	4.539	-0.140	0.768	0.000	12.570
σ		0.385	0.579	0.744	0.495	0.066	0.084	0.000	0.052
%RSD		2.045	1.576	2.013	10.910	47.300	10.970	0.000	0.416
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:20:38	100.548%	3.629	3.893	89.374%	0.070	0.053	0.323	0.238
2	16:21:21	100.341%	3.820	3.930	89.616%	0.082	0.064	0.329	0.177
3	16:22:04	101.041%	3.922	3.982	89.416%	0.089	0.051	0.190	0.082
X		100.644%	3.790	3.935	89.469%	0.080	0.056	0.281	0.166
σ		0.360%	0.148	0.045	0.129%	0.010	0.007	0.079	0.078
%RSD		0.358	3.918	1.133	0.144	12.350	12.090	28.070	47.320
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:20:38	89.463%	13.780	0.296	0.266	72.290	72.950	94.274%	94.430%
2	16:21:21	90.740%	13.960	0.254	0.221	74.100	73.540	97.101%	96.682%
3	16:22:04	90.900%	14.140	0.244	0.236	73.470	73.170	97.230%	97.462%
X		90.368%	13.960	0.265	0.241	73.290	73.220	96.201%	96.191%
σ		0.788%	0.181	0.028	0.023	0.922	0.296	1.671%	1.574%
%RSD		0.872	1.296	10.480	9.596	1.258	0.405	1.737	1.636
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	16:20:38	0.234	0.210	44.680	44.890	44.770	88.461%		
2	16:21:21	0.219	0.218	45.590	45.590	45.780	90.484%		
3	16:22:04	0.197	0.214	45.740	45.580	45.580	91.644%		
X		0.217	0.214	45.340	45.360	45.380	90.196%		
σ		0.019	0.004	0.575	0.400	0.537	1.611%		
%RSD		8.744	1.914	1.267	0.882	1.184	1.786		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:27:52	83.711%	96.230	95.480	92.060	0.000	47860.000	48360.000	48110.000
2	16:28:35	82.350%	95.930	91.770	92.620	0.000	47810.000	48450.000	47970.000
3	16:29:18	78.361%	97.140	97.050	96.240	0.000	49040.000	48900.000	48420.000
x		81.474%	96.434%	94.766%	93.640%	0.000	96.476%	97.135%	96.337%
σ		2.781%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		3.413	0.657	2.859	2.420	0.000	1.443	0.601	0.480
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:27:52	462.100	5111.000	0.000	45950.000	44690.000	46460.000	101.841%	94.790
2	16:28:35	460.100	5164.000	0.000	47670.000	45670.000	46800.000	99.941%	93.460
3	16:29:18	463.100	5187.000	0.000	47900.000	45940.000	47070.000	98.376%	96.140
x		92.351%	103.080%	0.000	94.349%	90.864%	93.553%	100.053%	94.796%
σ		n/a	n/a	0.000	n/a	n/a	n/a	1.735%	n/a
%RSD		0.328	0.759	0.000	2.260	1.446	0.659	1.734	1.414
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:27:52	91.130	91.910	471.900	23490.000	23570.000	93.570	94.890	96.170
2	16:28:35	91.270	92.350	475.300	23740.000	23840.000	94.140	94.800	96.530
3	16:29:18	92.590	93.540	476.600	23830.000	24010.000	94.630	95.700	96.090
x		91.664%	92.597%	94.918%	94.745%	95.219%	94.114%	95.131%	96.263%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		0.881	0.909	0.516	0.751	0.914	0.565	0.523	0.241
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:27:52	96.680	94.910	94.920	97.420	99.570	99.070	0.000	94.600
2	16:28:35	96.440	96.760	97.370	98.510	99.640	100.100	0.000	95.860
3	16:29:18	98.130	96.750	97.210	98.500	99.900	102.300	0.000	95.140
x		97.082%	96.141%	96.500%	98.142%	99.705%	100.518%	0.000	95.198%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		0.942	1.113	1.422	0.636	0.174	1.661	0.000	0.662
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:27:52	85.595%	96.390	96.310	82.572%	96.060	95.900	96.020	96.780
2	16:28:35	87.440%	98.650	98.980	83.577%	96.530	97.250	96.410	96.710
3	16:29:18	87.278%	99.660	100.900	84.269%	95.990	96.830	97.210	97.380
x		86.771%	98.236%	98.739%	83.472%	96.192%	96.659%	96.546%	96.960%
σ		1.022%	n/a	n/a	0.853%	n/a	n/a	n/a	n/a
%RSD		1.177	1.706	2.346	1.022	0.305	0.712	0.627	0.378
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:27:52	83.424%	93.490	94.190	94.600	93.880	95.120	83.623%	83.555%
2	16:28:35	84.946%	95.330	95.900	95.540	95.820	94.790	87.027%	87.057%
3	16:29:18	86.313%	94.200	94.940	94.490	95.770	93.930	88.444%	88.389%
x		84.894%	94.340%	95.012%	94.874%	95.158%	94.615%	86.365%	86.334%
σ		1.445%	n/a	n/a	n/a	n/a	n/a	2.478%	2.497%
%RSD		1.703	0.981	0.900	0.607	1.159	0.651	2.869	2.892
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	16:27:52	91.810	91.570	91.320	91.260	91.270	79.420%		
2	16:28:35	93.920	94.410	94.190	93.940	94.060	80.973%		
3	16:29:18	94.360	94.050	93.100	94.500	94.120	82.375%		
x		93.362%	93.341%	92.871%	93.233%	93.148%	80.923%		
σ		n/a	n/a	n/a	n/a	n/a	1.478%		
%RSD		1.463	1.656	1.558	1.856	1.750	1.827		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:35:51	87.102%	-0.004	1.449	1.609	0.000	2.308	1.593	1.775
2	16:36:34	86.572%	0.007	1.470	1.276	0.000	2.096	1.601	1.930
3	16:37:17	86.225%	-0.007	1.071	1.166	0.000	1.826	1.552	1.863
X		86.633%	-0.002	1.330	1.350	0.000	2.077	1.582	1.856
σ		0.442%	0.007	0.225	0.231	0.000	0.241	0.026	0.078
%RSD		0.510	460.500	16.900	17.080	0.000	11.620	1.649	4.186
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:35:51	0.703	1.787	0.000	3.543	-1.223	1.893	109.138%	0.003
2	16:36:34	0.576	1.355	0.000	1.861	0.700	2.037	106.919%	-0.025
3	16:37:17	0.563	1.295	0.000	1.272	-1.038	0.805	108.392%	-0.048
X		0.614	1.479	0.000	2.225	-0.521	1.578	108.150%	-0.023
σ		0.077	0.269	0.000	1.178	1.061	0.674	1.129%	0.026
%RSD		12.580	18.160	0.000	52.950	203.800	42.680	1.044	109.400
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:35:51	0.091	0.022	0.540	7.212	11.250	-0.006	-0.006	-0.010
2	16:36:34	-0.036	-0.002	0.536	5.930	8.117	-0.004	-0.011	-0.007
3	16:37:17	-0.024	-0.004	0.532	4.028	6.954	-0.008	-0.006	-0.016
X		0.010	0.005	0.536	5.723	8.773	-0.006	-0.008	-0.011
σ		0.070	0.014	0.004	1.602	2.221	0.002	0.003	0.004
%RSD		688.300	263.100	0.710	27.990	25.310	34.740	42.430	39.840
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:35:51	0.009	0.123	0.094	-0.081	0.196	0.095	0.000	0.014
2	16:36:34	0.011	0.222	0.249	-0.001	0.088	0.104	0.000	0.013
3	16:37:17	-0.006	0.347	0.222	0.029	0.089	0.273	0.000	0.008
X		0.005	0.231	0.188	-0.018	0.124	0.157	0.000	0.012
σ		0.009	0.112	0.083	0.057	0.062	0.100	0.000	0.004
%RSD		185.700	48.600	44.030	316.300	49.790	63.730	0.000	30.410
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:35:51	91.742%	0.320	0.324	94.424%	-0.006	-0.000	0.068	0.052
2	16:36:34	93.603%	0.237	0.284	95.444%	-0.002	-0.000	0.022	0.032
3	16:37:17	94.410%	0.237	0.196	96.939%	-0.005	-0.004	0.067	0.053
X		93.252%	0.264	0.268	95.602%	-0.004	-0.001	0.052	0.046
σ		1.368%	0.048	0.065	1.265%	0.002	0.002	0.026	0.012
%RSD		1.467	18.040	24.460	1.323	42.580	164.700	50.260	25.550
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:35:51	90.104%	-0.004	-0.057	-0.030	0.017	-0.006	88.156%	88.076%
2	16:36:34	92.340%	-0.091	-0.030	-0.020	0.008	0.002	91.300%	90.952%
3	16:37:17	94.422%	-0.117	-0.031	-0.016	0.000	0.006	93.558%	93.071%
X		92.289%	-0.071	-0.039	-0.022	0.008	0.001	91.005%	90.700%
σ		2.159%	0.059	0.015	0.007	0.008	0.006	2.713%	2.507%
%RSD		2.340	83.680	38.640	32.240	96.460	651.900	2.981	2.764
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	16:35:51	0.010	0.019	0.079	0.057	0.064	92.264%		
2	16:36:34	0.008	0.015	0.052	0.057	0.052	95.013%		
3	16:37:17	0.014	0.015	0.040	0.054	0.047	96.240%		
X		0.011	0.016	0.057	0.056	0.054	94.506%		
σ		0.003	0.002	0.020	0.002	0.009	2.036%		
%RSD		26.940	14.200	35.360	3.377	16.030	2.154		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:40:12	73.036%	5.959	25.090	25.000	0.000	399.400	28950.000	29570.000
2	16:40:55	72.791%	6.217	25.520	24.920	0.000	381.500	28770.000	29510.000
3	16:41:38	71.901%	6.232	24.900	25.910	0.000	386.900	29860.000	30590.000
X		72.576%	6.136	25.170	25.280	0.000	389.300	29190.000	29890.000
σ		0.597%	0.153	0.315	0.546	0.000	9.191	587.400	608.100
%RSD		0.823	2.498	1.251	2.160	0.000	2.361	2.012	2.034
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:40:12	142800.000	1775.000	0.000	10250.000	18010.000	18310.000	95.515%	693.200
2	16:40:55	141500.000	1795.000	0.000	10130.000	17910.000	18390.000	91.906%	706.800
3	16:41:38	149700.000	1893.000	0.000	10910.000	19490.000	19850.000	84.689%	767.800
X		144700.000	1821.000	0.000	10430.000	18470.000	18850.000	90.704%	722.600
σ		4363.000	63.030	0.000	422.200	887.400	866.500	5.512%	39.750
%RSD		3.016	3.461	0.000	4.047	4.804	4.597	6.077	5.501
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:40:12	227.500	199.400	3808.000	266800.000	275700.000	94.220	209.400	208.700
2	16:40:55	232.400	204.200	3877.000	271500.000	280900.000	96.140	211.600	212.200
3	16:41:38	250.600	218.600	4091.000	287400.000	297200.000	101.400	222.600	222.600
X		236.800	207.400	3925.000	275200.000	284600.000	97.240	214.500	214.500
σ		12.160	9.985	147.300	10790.000	11250.000	3.695	7.103	7.244
%RSD		5.136	4.815	3.752	3.921	3.954	3.800	3.311	3.377
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:40:12	210.900	631.700	641.600	170.400	4.809	7.999	0.000	109.600
2	16:40:55	212.300	644.100	651.000	173.200	5.255	8.062	0.000	111.600
3	16:41:38	223.000	677.800	685.100	179.200	5.580	8.164	0.000	113.700
X		215.400	651.200	659.200	174.300	5.215	8.075	0.000	111.600
σ		6.603	23.860	22.870	4.496	0.387	0.083	0.000	2.040
%RSD		3.065	3.664	3.470	2.580	7.422	1.033	0.000	1.828
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:40:12	0.000	12.240	12.340	78.253%	0.338	0.317	1.660	1.425
2	16:40:55	0.000	12.770	12.360	78.822%	0.352	0.300	1.623	1.370
3	16:41:38	0.000	13.020	12.470	78.594%	0.325	0.295	1.899	1.591
X		0.000	12.680	12.390	78.556%	0.338	0.304	1.727	1.462
σ		0.000	0.402	0.068	0.286%	0.014	0.011	0.149	0.115
%RSD		0.000	3.169	0.548	0.364	4.018	3.697	8.649	7.840
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:40:12	81.835%	8.626	1.189	1.223	616.200	610.600	85.938%	84.498%
2	16:40:55	82.787%	8.623	1.230	1.204	617.300	613.700	88.213%	86.705%
3	16:41:38	82.412%	8.327	1.214	1.135	616.200	611.900	88.370%	86.817%
X		82.345%	8.525	1.211	1.187	616.600	612.100	87.507%	86.007%
σ		0.480%	0.172	0.020	0.046	0.644	1.535	1.361%	1.308%
%RSD		0.582	2.014	1.680	3.886	0.105	0.251	1.555	1.521
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	16:40:12	1.738	1.726	163.700	160.900	161.800	76.267%		
2	16:40:55	1.761	1.756	165.200	163.800	164.400	77.937%		
3	16:41:38	1.821	1.779	166.400	162.900	163.700	78.331%		
X		1.774	1.754	165.100	162.500	163.300	77.512%		
σ		0.043	0.026	1.332	1.502	1.360	1.096%		
%RSD		2.422	1.505	0.807	0.924	0.833	1.414		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:44:30	83.808%	3.101	15.800	15.770	0.000	236.000	14410.000	14710.000
2	16:45:13	81.081%	3.179	15.970	16.340	0.000	236.700	14430.000	14770.000
3	16:45:56	80.507%	3.221	16.900	17.000	0.000	247.500	15120.000	15440.000
X		81.799%	3.167	16.220	16.370	0.000	240.000	14650.000	14970.000
σ		1.764%	0.061	0.591	0.615	0.000	6.471	402.700	405.500
%RSD		2.157	1.931	3.642	3.759	0.000	2.696	2.749	2.708
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:44:30	65690.000	1697.000	0.000	5285.000	14120.000	13510.000	97.560%	531.500
2	16:45:13	66200.000	1707.000	0.000	5269.000	14070.000	13640.000	95.684%	535.600
3	16:45:56	68320.000	1774.000	0.000	5784.000	15430.000	14870.000	87.518%	584.000
X		66740.000	1726.000	0.000	5446.000	14540.000	14000.000	93.587%	550.400
σ		1392.000	42.040	0.000	293.200	771.900	751.200	5.339%	29.210
%RSD		2.086	2.435	0.000	5.383	5.308	5.364	5.705	5.308
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:44:30	113.800	97.060	2995.000	169400.000	173100.000	60.590	124.000	169.800
2	16:45:13	112.500	97.190	3032.000	170800.000	172400.000	60.390	122.700	169.900
3	16:45:56	125.100	106.000	3243.000	182000.000	185300.000	65.170	132.600	180.500
X		117.100	100.100	3090.000	174100.000	176900.000	62.050	126.400	173.400
σ		6.914	5.123	133.800	6925.000	7294.000	2.705	5.409	6.136
%RSD		5.903	5.119	4.330	3.979	4.122	4.359	4.278	3.539
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:44:30	170.400	442.500	445.800	122.400	2.754	5.349	0.000	56.290
2	16:45:13	170.500	444.700	450.100	124.900	2.819	6.137	0.000	57.050
3	16:45:56	179.300	471.100	476.200	126.700	2.892	5.969	0.000	58.850
X		173.400	452.800	457.400	124.700	2.822	5.819	0.000	57.400
σ		5.121	15.950	16.460	2.171	0.069	0.415	0.000	1.315
%RSD		2.953	3.522	3.598	1.742	2.440	7.134	0.000	2.290
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:44:30	0.000	9.292	9.357	81.459%	0.168	0.103	1.429	1.183
2	16:45:13	0.000	9.425	9.480	81.377%	0.173	0.111	1.467	1.204
3	16:45:56	0.000	9.686	9.583	81.059%	0.165	0.119	1.661	1.325
X		0.000	9.468	9.473	81.299%	0.169	0.111	1.519	1.237
σ		0.000	0.201	0.114	0.211%	0.004	0.008	0.124	0.077
%RSD		0.000	2.117	1.198	0.260	2.321	7.450	8.184	6.184
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:44:30	83.314%	7.437	0.961	0.942	273.700	270.000	89.094%	88.142%
2	16:45:13	84.111%	7.644	0.884	0.896	274.700	270.700	91.749%	90.581%
3	16:45:56	83.921%	7.542	0.903	0.906	272.500	272.400	91.624%	90.926%
X		83.782%	7.541	0.916	0.915	273.600	271.100	90.822%	89.883%
σ		0.416%	0.103	0.040	0.024	1.076	1.230	1.498%	1.518%
%RSD		0.497	1.371	4.355	2.673	0.393	0.454	1.650	1.689
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	16:44:30	1.072	1.046	99.960	99.400	100.100	77.913%		
2	16:45:13	1.076	1.062	101.600	101.200	101.600	79.634%		
3	16:45:56	1.057	1.081	102.200	102.000	101.900	79.521%		
X		1.068	1.063	101.300	100.900	101.200	79.023%		
σ		0.010	0.018	1.172	1.330	0.964	0.963%		
%RSD		0.948	1.672	1.158	1.318	0.952	1.218		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:48:47	79.792%	4.527	14.200	14.350	0.000	244.000	20930.000	21500.000
2	16:49:30	77.199%	4.524	15.250	14.670	0.000	246.200	21150.000	21570.000
3	16:50:13	77.795%	4.399	14.180	14.480	0.000	245.700	20920.000	21280.000
X		78.262%	4.484	14.540	14.500	0.000	245.300	21000.000	21450.000
σ		1.358%	0.073	0.613	0.161	0.000	1.144	128.300	151.400
%RSD		1.736	1.628	4.215	1.107	0.000	0.467	0.611	0.706
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:48:47	100800.000	1772.000	0.000	6022.000	9976.000	9463.000	94.910%	653.000
2	16:49:30	101200.000	1796.000	0.000	6115.000	10250.000	9675.000	93.087%	653.200
3	16:50:13	100000.000	1762.000	0.000	6024.000	10080.000	9516.000	91.949%	658.300
X		100700.000	1776.000	0.000	6054.000	10100.000	9551.000	93.315%	654.800
σ		595.700	17.340	0.000	53.270	138.500	110.600	1.494%	3.001
%RSD		0.592	0.976	0.000	0.880	1.371	1.158	1.601	0.458
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:48:47	169.700	136.300	3331.000	222300.000	228300.000	90.240	169.900	188.600
2	16:49:30	170.900	136.300	3341.000	222100.000	228000.000	89.390	170.200	190.300
3	16:50:13	174.000	139.300	3383.000	225900.000	231700.000	90.760	172.200	191.500
X		171.500	137.300	3352.000	223500.000	229300.000	90.130	170.800	190.100
σ		2.204	1.758	27.540	2139.000	2077.000	0.691	1.292	1.452
%RSD		1.285	1.280	0.822	0.957	0.906	0.767	0.757	0.764
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:48:47	187.600	502.500	505.200	135.500	3.548	6.926	0.000	50.480
2	16:49:30	186.800	502.800	510.800	136.000	3.616	6.956	0.000	51.390
3	16:50:13	191.300	512.700	514.200	137.200	3.223	8.008	0.000	52.210
X		188.600	506.000	510.100	136.300	3.462	7.297	0.000	51.360
σ		2.380	5.801	4.575	0.879	0.210	0.617	0.000	0.867
%RSD		1.262	1.146	0.897	0.645	6.062	8.450	0.000	1.687
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:48:47	0.000	11.330	11.230	79.016%	0.281	0.180	1.920	1.495
2	16:49:30	0.000	11.170	11.460	79.585%	0.243	0.165	1.852	1.561
3	16:50:13	0.000	11.540	11.540	79.288%	0.256	0.169	1.700	1.338
X		0.000	11.350	11.410	79.296%	0.260	0.171	1.824	1.465
σ		0.000	0.185	0.161	0.284%	0.019	0.008	0.112	0.114
%RSD		0.000	1.632	1.413	0.359	7.298	4.620	6.162	7.807
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:48:47	81.077%	9.220	0.844	0.838	422.100	420.900	87.570%	85.742%
2	16:49:30	82.499%	9.524	0.897	0.903	426.300	423.900	89.537%	88.076%
3	16:50:13	83.082%	9.254	0.787	0.827	429.800	426.600	90.128%	88.915%
X		82.219%	9.333	0.842	0.856	426.100	423.800	89.078%	87.577%
σ		1.031%	0.167	0.055	0.041	3.839	2.847	1.339%	1.644%
%RSD		1.255	1.787	6.542	4.824	0.901	0.672	1.503	1.877
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	16:48:47	1.422	1.411	137.100	136.400	137.300	75.310%		
2	16:49:30	1.399	1.454	139.700	137.700	139.100	77.397%		
3	16:50:13	1.445	1.482	139.700	138.200	139.100	77.716%		
X		1.422	1.449	138.800	137.400	138.500	76.807%		
σ		0.023	0.036	1.529	0.953	1.048	1.307%		
%RSD		1.623	2.457	1.101	0.693	0.756	1.701		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:53:05	74.735%	5.656	29.570	29.050	0.000	575.100	26120.000	26410.000
2	16:53:47	73.330%	5.682	29.200	30.150	0.000	567.100	25660.000	26410.000
3	16:54:30	71.983%	5.557	28.040	29.590	0.000	577.000	26350.000	27290.000
x		73.350%	5.632	28.940	29.600	0.000	573.100	26040.000	26700.000
σ		1.376%	0.066	0.796	0.552	0.000	5.257	350.200	506.200
%RSD		1.876	1.167	2.750	1.865	0.000	0.917	1.345	1.895
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:53:05	122300.000	1888.000	0.000	9861.000	33490.000	34840.000	93.592%	641.500
2	16:53:47	124700.000	1889.000	0.000	9793.000	33420.000	34820.000	91.694%	655.200
3	16:54:30	126200.000	1936.000	0.000	10260.000	35900.000	37430.000	82.883%	683.900
x		124400.000	1904.000	0.000	9972.000	34270.000	35690.000	89.390%	660.200
σ		1979.000	27.200	0.000	253.700	1411.000	1502.000	5.714%	21.650
%RSD		1.591	1.428	0.000	2.544	4.117	4.207	6.393	3.279
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:53:05	194.200	228.300	2467.000	236900.000	243600.000	74.140	198.400	205.600
2	16:53:47	197.900	230.100	2520.000	236200.000	245600.000	75.400	199.800	208.300
3	16:54:30	206.700	242.300	2651.000	251100.000	254700.000	78.060	208.100	216.100
x		199.600	233.600	2546.000	241400.000	248000.000	75.870	202.100	210.000
σ		6.376	7.612	94.350	8409.000	5936.000	2.002	5.253	5.450
%RSD		3.195	3.259	3.705	3.483	2.394	2.639	2.599	2.595
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:53:05	207.800	593.200	602.800	171.100	4.602	7.186	0.000	139.800
2	16:53:47	208.300	603.500	607.700	173.100	4.415	8.211	0.000	142.900
3	16:54:30	216.700	627.900	631.100	176.100	4.907	7.777	0.000	143.500
x		210.900	608.200	613.800	173.400	4.641	7.725	0.000	142.000
σ		5.007	17.840	15.110	2.506	0.249	0.515	0.000	1.990
%RSD		2.374	2.934	2.461	1.445	5.355	6.662	0.000	1.401
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:53:05	0.000	12.420	12.540	76.819%	0.331	0.264	1.856	1.377
2	16:53:47	0.000	12.700	12.850	77.383%	0.303	0.272	1.868	1.419
3	16:54:30	0.000	12.760	12.900	78.771%	0.296	0.241	1.774	1.440
x		0.000	12.630	12.770	77.658%	0.310	0.259	1.833	1.412
σ		0.000	0.181	0.195	1.005%	0.018	0.016	0.051	0.032
%RSD		0.000	1.437	1.525	1.294	5.930	6.249	2.804	2.297
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:53:05	78.578%	8.706	1.105	1.031	499.100	489.400	85.587%	83.789%
2	16:53:47	80.682%	9.131	1.034	1.138	499.300	490.200	88.477%	85.730%
3	16:54:30	82.196%	8.967	1.048	1.124	490.000	483.200	90.713%	89.203%
x		80.485%	8.935	1.062	1.098	496.200	487.600	88.259%	86.241%
σ		1.817%	0.214	0.038	0.058	5.309	3.816	2.570%	2.743%
%RSD		2.258	2.400	3.562	5.294	1.070	0.783	2.911	3.180
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	16:53:05	1.595	1.615	147.700	147.000	147.300	74.972%		
2	16:53:47	1.664	1.678	148.900	148.400	148.800	76.728%		
3	16:54:30	1.603	1.575	143.800	142.700	144.000	80.809%		
x		1.620	1.623	146.800	146.000	146.700	77.503%		
σ		0.038	0.052	2.664	2.954	2.490	2.995%		
%RSD		2.323	3.211	1.815	2.023	1.697	3.864		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:57:22	73.530%	4.935	27.090	27.290	0.000	351.200	24320.000	25080.000
2	16:58:05	73.237%	4.863	27.620	27.420	0.000	357.200	24790.000	25060.000
3	16:58:48	70.527%	4.984	28.170	28.610	0.000	356.100	25350.000	25790.000
X		72.432%	4.927	27.620	27.770	0.000	354.800	24820.000	25310.000
σ		1.656%	0.061	0.541	0.730	0.000	3.200	516.500	414.900
%RSD		2.286	1.237	1.958	2.627	0.000	0.902	2.081	1.639
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:57:22	132600.000	1753.000	0.000	9516.000	13180.000	12610.000	91.933%	816.700
2	16:58:05	130800.000	1756.000	0.000	9594.000	13430.000	12830.000	90.999%	812.400
3	16:58:48	135200.000	1787.000	0.000	9719.000	13690.000	13130.000	88.496%	830.200
X		132900.000	1765.000	0.000	9610.000	13430.000	12860.000	90.476%	819.700
σ		2184.000	18.830	0.000	102.200	251.600	262.200	1.777%	9.306
%RSD		1.644	1.067	0.000	1.064	1.873	2.040	1.964	1.135
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:57:22	235.900	193.900	3138.000	251000.000	257600.000	76.390	171.900	187.000
2	16:58:05	233.700	193.600	3167.000	252600.000	258600.000	77.690	174.700	185.600
3	16:58:48	238.600	196.800	3241.000	257200.000	264100.000	77.850	176.500	190.200
X		236.100	194.800	3182.000	253600.000	260100.000	77.310	174.400	187.600
σ		2.473	1.745	53.290	3185.000	3509.000	0.799	2.345	2.349
%RSD		1.048	0.896	1.675	1.256	1.349	1.034	1.345	1.252
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:57:22	187.200	543.500	547.200	165.400	5.062	7.655	0.000	82.200
2	16:58:05	186.200	545.000	549.200	164.300	5.170	6.798	0.000	83.430
3	16:58:48	189.500	554.400	561.600	167.200	5.592	7.665	0.000	84.540
X		187.700	547.600	552.700	165.700	5.275	7.373	0.000	83.390
σ		1.684	5.947	7.817	1.495	0.280	0.498	0.000	1.174
%RSD		0.897	1.086	1.414	0.902	5.305	6.747	0.000	1.407
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:57:22	0.000	13.100	13.300	76.393%	0.321	0.275	1.504	1.257
2	16:58:05	0.000	13.060	13.420	77.145%	0.344	0.274	1.555	1.182
3	16:58:48	0.000	13.570	13.780	76.487%	0.375	0.286	1.567	1.212
X		0.000	13.240	13.500	76.675%	0.347	0.278	1.542	1.217
σ		0.000	0.287	0.248	0.410%	0.027	0.007	0.033	0.038
%RSD		0.000	2.164	1.838	0.535	7.713	2.350	2.162	3.089
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:57:22	78.810%	10.230	1.147	1.234	470.500	466.300	82.126%	81.469%
2	16:58:05	79.918%	10.210	1.219	1.215	472.000	467.300	85.234%	83.893%
3	16:58:48	79.827%	10.540	1.145	1.218	477.700	470.000	85.498%	84.246%
X		79.518%	10.330	1.170	1.222	473.400	467.900	84.286%	83.203%
σ		0.615%	0.186	0.042	0.010	3.828	1.864	1.875%	1.512%
%RSD		0.773	1.797	3.588	0.839	0.809	0.398	2.225	1.817
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	16:57:22	1.745	1.737	149.200	146.100	147.900	75.000%		
2	16:58:05	1.725	1.766	151.200	148.100	149.000	76.728%		
3	16:58:48	1.831	1.802	154.800	150.800	152.700	76.960%		
X		1.767	1.768	151.700	148.300	149.900	76.229%		
σ		0.056	0.032	2.797	2.385	2.545	1.071%		
%RSD		3.191	1.832	1.844	1.608	1.698	1.405		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:01:40	76.616%	4.171	20.690	21.540	0.000	269.700	21030.000	21400.000
2	17:02:23	77.934%	4.290	21.240	20.820	0.000	266.500	20530.000	21120.000
3	17:03:06	76.769%	4.134	20.650	21.320	0.000	269.000	20940.000	21470.000
x		77.106%	4.198	20.860	21.230	0.000	268.400	20830.000	21330.000
σ		0.721%	0.082	0.328	0.369	0.000	1.678	263.300	185.200
%RSD		0.935	1.946	1.571	1.738	0.000	0.625	1.264	0.868
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:01:40	81340.000	2179.000	0.000	6904.000	15010.000	14260.000	94.393%	721.500
2	17:02:23	82240.000	2156.000	0.000	6918.000	15520.000	14750.000	91.813%	738.500
3	17:03:06	83230.000	2204.000	0.000	6971.000	15710.000	14890.000	90.451%	748.200
x		82270.000	2180.000	0.000	6931.000	15410.000	14630.000	92.219%	736.100
σ		947.400	24.310	0.000	35.640	362.600	332.600	2.002%	13.540
%RSD		1.152	1.115	0.000	0.514	2.353	2.273	2.171	1.839
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:01:40	136.700	115.000	4885.000	222800.000	226600.000	87.320	176.800	210.500
2	17:02:23	138.900	119.100	4983.000	226100.000	232600.000	89.590	179.600	214.800
3	17:03:06	139.100	119.500	5067.000	230300.000	235600.000	90.730	182.100	215.100
x		138.200	117.900	4978.000	226400.000	231600.000	89.210	179.500	213.500
σ		1.334	2.483	91.360	3759.000	4570.000	1.739	2.661	2.561
%RSD		0.965	2.106	1.835	1.661	1.973	1.949	1.482	1.200
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:01:40	211.300	539.300	543.300	155.000	2.800	6.519	0.000	74.690
2	17:02:23	216.400	556.600	563.900	158.900	2.869	6.595	0.000	76.160
3	17:03:06	214.500	559.100	567.100	161.700	3.249	6.530	0.000	77.390
x		214.100	551.700	558.100	158.500	2.973	6.548	0.000	76.080
σ		2.604	10.790	12.950	3.387	0.242	0.041	0.000	1.351
%RSD		1.216	1.956	2.320	2.136	8.130	0.629	0.000	1.775
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:01:40	0.000	10.650	10.790	77.983%	0.231	0.133	1.841	1.492
2	17:02:23	0.000	10.720	10.920	77.880%	0.225	0.127	1.651	1.364
3	17:03:06	0.000	11.040	10.880	77.408%	0.227	0.164	2.050	1.552
x		0.000	10.800	10.870	77.757%	0.228	0.141	1.847	1.469
σ		0.000	0.212	0.066	0.306%	0.003	0.020	0.200	0.096
%RSD		0.000	1.962	0.609	0.394	1.409	13.940	10.810	6.556
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:01:40	79.382%	9.345	0.846	0.908	367.600	364.000	87.124%	85.387%
2	17:02:23	80.476%	9.373	0.838	0.921	369.200	366.400	89.187%	88.168%
3	17:03:06	79.104%	9.734	0.944	0.866	379.200	374.100	88.602%	87.721%
x		79.654%	9.484	0.876	0.899	372.000	368.200	88.305%	87.092%
σ		0.725%	0.217	0.059	0.029	6.258	5.280	1.063%	1.494%
%RSD		0.911	2.288	6.701	3.210	1.682	1.434	1.204	1.715
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	17:01:40	1.143	1.174	130.600	129.400	130.600	74.906%		
2	17:02:23	1.186	1.191	132.600	131.400	132.100	76.378%		
3	17:03:06	1.227	1.208	135.100	134.700	135.100	75.941%		
x		1.185	1.191	132.800	131.900	132.600	75.742%		
σ		0.042	0.017	2.253	2.678	2.267	0.756%		
%RSD		3.569	1.422	1.697	2.031	1.710	0.998		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:05:58	78.592%	4.783	21.430	22.560	0.000	532.100	21090.000	21350.000
2	17:06:41	76.660%	5.001	22.310	22.170	0.000	524.900	20980.000	21420.000
3	17:07:24	75.137%	5.003	21.680	23.550	0.000	562.900	22140.000	22900.000
X		76.796%	4.929	21.810	22.760	0.000	540.000	21400.000	21890.000
σ		1.732%	0.126	0.455	0.712	0.000	20.210	637.000	874.000
%RSD		2.255	2.562	2.084	3.126	0.000	3.743	2.976	3.993
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:05:58	89350.000	2069.000	0.000	7919.000	25940.000	27450.000	94.372%	645.700
2	17:06:41	88590.000	2070.000	0.000	7851.000	25880.000	27440.000	92.489%	651.400
3	17:07:24	96260.000	2227.000	0.000	8771.000	29200.000	30420.000	83.161%	724.700
X		91400.000	2122.000	0.000	8180.000	27010.000	28440.000	90.008%	673.900
σ		4229.000	90.970	0.000	512.700	1898.000	1719.000	6.003%	44.080
%RSD		4.627	4.286	0.000	6.267	7.027	6.044	6.670	6.541
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:05:58	149.500	147.700	4150.000	226300.000	231400.000	78.760	166.800	198.500
2	17:06:41	150.800	148.500	4184.000	228300.000	234200.000	79.640	169.100	203.600
3	17:07:24	167.700	164.500	4559.000	248100.000	253700.000	86.610	179.200	214.500
X		156.000	153.500	4298.000	234300.000	239800.000	81.670	171.700	205.500
σ		10.150	9.458	226.500	12070.000	12160.000	4.300	6.621	8.189
%RSD		6.509	6.160	5.270	5.154	5.071	5.265	3.856	3.984
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:05:58	200.200	546.100	552.000	161.400	3.535	7.095	0.000	111.800
2	17:06:41	202.100	559.600	567.000	164.700	3.844	7.404	0.000	115.000
3	17:07:24	214.500	599.200	606.000	173.100	3.860	7.965	0.000	118.400
X		205.600	568.300	575.000	166.400	3.746	7.488	0.000	115.100
σ		7.748	27.630	27.870	6.042	0.183	0.441	0.000	3.298
%RSD		3.769	4.861	4.846	3.632	4.885	5.895	0.000	2.865
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:05:58	0.000	12.550	12.480	76.980%	0.325	0.234	1.985	1.622
2	17:06:41	0.000	13.060	12.750	76.616%	0.335	0.228	1.997	1.627
3	17:07:24	0.000	13.330	12.780	77.375%	0.336	0.264	2.043	1.607
X		0.000	12.980	12.670	76.990%	0.332	0.242	2.008	1.619
σ		0.000	0.395	0.165	0.379%	0.006	0.019	0.031	0.010
%RSD		0.000	3.046	1.299	0.493	1.818	7.914	1.539	0.615
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:05:58	77.658%	8.584	0.944	0.935	420.100	413.200	85.120%	83.535%
2	17:06:41	78.789%	8.789	0.929	0.968	427.100	422.000	86.666%	86.185%
3	17:07:24	79.754%	8.570	0.965	0.977	423.900	420.800	88.124%	86.624%
X		78.734%	8.648	0.946	0.960	423.700	418.700	86.637%	85.448%
σ		1.050%	0.123	0.018	0.022	3.531	4.754	1.502%	1.671%
%RSD		1.333	1.417	1.875	2.307	0.833	1.135	1.734	1.956
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	17:05:58	1.291	1.274	146.200	145.000	145.600	73.370%		
2	17:06:41	1.249	1.288	147.600	147.100	147.900	75.478%		
3	17:07:24	1.301	1.308	148.100	147.300	148.000	76.756%		
X		1.280	1.290	147.300	146.500	147.200	75.201%		
σ		0.027	0.017	1.000	1.288	1.351	1.710%		
%RSD		2.143	1.319	0.679	0.879	0.918	2.274		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:10:16	75.047%	5.876	30.640	31.350	0.000	493.800	24620.000	25130.000
2	17:10:59	72.445%	6.272	30.480	33.070	0.000	513.400	25910.000	26670.000
3	17:11:42	74.256%	5.861	32.450	33.380	0.000	509.500	25600.000	26390.000
X		73.916%	6.003	31.190	32.600	0.000	505.600	25380.000	26060.000
σ		1.334%	0.233	1.094	1.090	0.000	10.350	674.900	820.200
%RSD		1.805	3.883	3.508	3.343	0.000	2.048	2.659	3.147
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:10:16	102000.000	2400.000	0.000	8407.000	34060.000	35870.000	91.551%	686.800
2	17:10:59	108200.000	2540.000	0.000	9161.000	37460.000	39570.000	81.824%	772.200
3	17:11:42	107800.000	2542.000	0.000	9158.000	37800.000	39820.000	81.849%	771.000
X		106000.000	2494.000	0.000	8909.000	36440.000	38420.000	85.075%	743.400
σ		3452.000	81.790	0.000	434.500	2067.000	2209.000	5.609%	48.960
%RSD		3.256	3.279	0.000	4.878	5.673	5.749	6.593	6.586
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:10:16	182.300	192.100	4832.000	239400.000	246000.000	100.400	216.300	165.500
2	17:10:59	201.400	209.500	5204.000	259400.000	265400.000	108.000	235.200	177.900
3	17:11:42	201.300	211.500	5165.000	260300.000	267900.000	108.100	234.500	178.100
X		195.000	204.400	5067.000	253000.000	259800.000	105.500	228.700	173.800
σ		11.020	10.680	204.200	11800.000	11950.000	4.384	10.760	7.234
%RSD		5.652	5.224	4.030	4.662	4.601	4.155	4.705	4.162
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:10:16	166.700	581.000	586.400	302.500	4.342	6.962	0.000	146.700
2	17:10:59	177.500	627.700	631.300	320.200	4.707	8.887	0.000	153.000
3	17:11:42	177.600	629.400	634.200	318.500	4.638	7.459	0.000	153.000
X		173.900	612.700	617.300	313.700	4.562	7.769	0.000	150.900
σ		6.245	27.450	26.790	9.777	0.194	0.999	0.000	3.650
%RSD		3.590	4.480	4.339	3.116	4.250	12.860	0.000	2.419
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:10:16	0.000	14.850	14.570	76.622%	0.531	0.458	2.439	2.075
2	17:10:59	0.000	15.090	15.210	76.728%	0.586	0.480	2.453	2.042
3	17:11:42	0.000	15.280	15.240	76.960%	0.550	0.422	2.533	2.089
X		0.000	15.070	15.010	76.770%	0.556	0.453	2.475	2.069
σ		0.000	0.217	0.378	0.173%	0.028	0.029	0.050	0.024
%RSD		0.000	1.441	2.520	0.225	5.010	6.386	2.039	1.165
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:10:16	77.882%	8.423	5.719	5.651	645.900	643.900	84.781%	83.812%
2	17:10:59	79.249%	8.706	5.791	5.802	652.200	645.500	86.923%	85.857%
3	17:11:42	79.685%	8.722	5.734	5.850	657.600	651.700	87.226%	86.095%
X		78.939%	8.617	5.748	5.768	651.900	647.100	86.310%	85.255%
σ		0.941%	0.168	0.038	0.104	5.853	4.129	1.333%	1.255%
%RSD		1.192	1.954	0.667	1.800	0.898	0.638	1.544	1.472
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	17:10:16	1.615	1.638	242.900	243.100	242.700	74.818%		
2	17:10:59	1.595	1.664	245.500	246.800	245.100	76.870%		
3	17:11:42	1.662	1.677	248.500	248.800	248.100	76.499%		
X		1.624	1.660	245.600	246.200	245.300	76.062%		
σ		0.035	0.019	2.846	2.884	2.679	1.093%		
%RSD		2.125	1.171	1.158	1.171	1.092	1.438		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:14:35	74.056%	5.774	27.720	27.490	0.000	480.300	25270.000	25790.000
2	17:15:18	70.544%	5.588	26.600	28.560	0.000	503.300	26690.000	26980.000
3	17:16:01	70.099%	5.776	28.890	30.010	0.000	503.900	26590.000	27280.000
X		71.567%	5.712	27.740	28.690	0.000	495.800	26180.000	26680.000
σ		2.167%	0.108	1.141	1.263	0.000	13.500	792.100	790.200
%RSD		3.029	1.888	4.114	4.403	0.000	2.723	3.025	2.962
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:14:35	109000.000	1942.000	0.000	9994.000	13410.000	12820.000	90.432%	803.700
2	17:15:18	114500.000	2012.000	0.000	10910.000	14900.000	14240.000	79.991%	890.200
3	17:16:01	116600.000	2031.000	0.000	10980.000	14880.000	14260.000	79.245%	900.500
X		113400.000	1995.000	0.000	10630.000	14400.000	13780.000	83.223%	864.800
σ		3913.000	46.690	0.000	551.700	854.800	825.900	6.254%	53.190
%RSD		3.452	2.340	0.000	5.190	5.937	5.995	7.515	6.150
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:14:35	199.100	175.100	4941.000	239900.000	246900.000	87.950	211.200	181.600
2	17:15:18	215.400	193.200	5438.000	261600.000	268200.000	96.100	229.300	198.200
3	17:16:01	219.500	194.000	5492.000	268600.000	272600.000	97.060	232.400	201.700
X		211.300	187.400	5290.000	256700.000	262600.000	93.710	224.300	193.800
σ		10.780	10.710	304.000	14980.000	13770.000	5.006	11.480	10.760
%RSD		5.099	5.714	5.746	5.838	5.245	5.342	5.118	5.553
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:14:35	182.400	633.900	636.700	154.500	3.448	6.490	0.000	96.200
2	17:15:18	198.400	682.400	691.000	165.800	3.955	6.838	0.000	99.960
3	17:16:01	201.100	692.700	696.700	165.900	3.598	6.508	0.000	101.200
X		194.000	669.700	674.800	162.100	3.667	6.612	0.000	99.130
σ		10.120	31.400	33.130	6.537	0.261	0.196	0.000	2.621
%RSD		5.219	4.688	4.909	4.033	7.109	2.969	0.000	2.644
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:14:35	0.000	13.990	13.770	75.580%	0.289	0.200	1.994	1.722
2	17:15:18	0.000	14.530	14.150	75.506%	0.290	0.210	2.083	1.688
3	17:16:01	0.000	14.330	14.650	75.036%	0.262	0.237	2.202	1.825
X		0.000	14.280	14.190	75.374%	0.281	0.216	2.093	1.745
σ		0.000	0.272	0.444	0.295%	0.016	0.019	0.104	0.071
%RSD		0.000	1.905	3.129	0.391	5.662	8.897	4.984	4.075
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:14:35	76.839%	7.669	1.100	1.148	674.000	665.100	83.649%	82.994%
2	17:15:18	77.922%	7.769	1.147	1.167	676.900	669.300	86.464%	85.043%
3	17:16:01	77.508%	8.193	1.184	1.140	689.000	681.200	85.759%	85.056%
X		77.423%	7.877	1.143	1.152	680.000	671.900	85.291%	84.365%
σ		0.546%	0.278	0.042	0.014	7.975	8.322	1.465%	1.187%
%RSD		0.705	3.531	3.682	1.211	1.173	1.239	1.718	1.407
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	17:14:35	1.801	1.704	138.100	137.100	137.800	75.112%		
2	17:15:18	1.740	1.760	139.600	137.900	139.100	77.004%		
3	17:16:01	1.756	1.785	141.800	139.600	140.600	76.942%		
X		1.766	1.750	139.800	138.200	139.200	76.353%		
σ		0.032	0.042	1.867	1.285	1.399	1.075%		
%RSD		1.801	2.378	1.336	0.929	1.005	1.408		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:18:54	71.184%	6.063	29.820	29.750	0.000	613.400	20250.000	20700.000
2	17:19:37	70.795%	5.961	30.100	29.610	0.000	599.700	19900.000	20550.000
3	17:20:20	68.858%	6.095	29.790	31.650	0.000	616.200	20330.000	21050.000
X		70.279%	6.039	29.900	30.340	0.000	609.800	20160.000	20770.000
σ		1.246%	0.070	0.175	1.138	0.000	8.797	227.200	251.700
%RSD		1.773	1.159	0.585	3.752	0.000	1.443	1.127	1.212
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:18:54	97890.000	1870.000	0.000	9106.000	18730.000	17640.000	80.088%	771.100
2	17:19:37	97800.000	1953.000	0.000	9335.000	18800.000	17700.000	79.423%	773.200
3	17:20:20	100800.000	1974.000	0.000	9229.000	18870.000	18190.000	77.828%	782.800
X		98840.000	1932.000	0.000	9223.000	18800.000	17840.000	79.113%	775.700
σ		1708.000	55.170	0.000	114.400	69.680	303.500	1.161%	6.224
%RSD		1.729	2.855	0.000	1.240	0.371	1.701	1.468	0.802
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:18:54	186.300	390.800	8162.000	300500.000	308200.000	90.140	309.400	174.200
2	17:19:37	190.700	396.500	8144.000	302000.000	310300.000	91.030	315.000	175.700
3	17:20:20	190.600	401.800	8378.000	305000.000	312100.000	91.120	315.200	180.100
X		189.200	396.300	8228.000	302500.000	310200.000	90.760	313.200	176.700
σ		2.529	5.505	130.400	2283.000	1984.000	0.541	3.265	3.066
%RSD		1.337	1.389	1.585	0.755	0.639	0.596	1.043	1.735
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:18:54	173.800	2010.000	2032.000	164.900	4.232	6.993	0.000	96.050
2	17:19:37	175.700	2024.000	2045.000	164.900	3.999	7.756	0.000	97.510
3	17:20:20	179.200	2060.000	2072.000	167.100	4.280	7.725	0.000	98.870
X		176.200	2031.000	2050.000	165.600	4.170	7.491	0.000	97.480
σ		2.710	25.750	20.480	1.286	0.150	0.432	0.000	1.410
%RSD		1.537	1.268	0.999	0.776	3.600	5.766	0.000	1.446
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:18:54	0.000	18.580	18.460	74.334%	0.306	0.278	6.102	5.685
2	17:19:37	0.000	19.300	18.770	74.492%	0.328	0.278	5.769	5.731
3	17:20:20	0.000	19.260	19.410	74.253%	0.321	0.290	5.908	5.803
X		0.000	19.050	18.880	74.360%	0.319	0.282	5.926	5.740
σ		0.000	0.407	0.485	0.121%	0.011	0.007	0.167	0.060
%RSD		0.000	2.139	2.568	0.163	3.598	2.442	2.821	1.038
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:18:54	76.296%	9.387	1.303	1.354	620.000	613.100	83.411%	82.096%
2	17:19:37	76.723%	9.604	1.285	1.373	624.500	620.600	84.724%	83.748%
3	17:20:20	76.420%	9.521	1.380	1.375	628.200	625.000	85.117%	83.737%
X		76.479%	9.504	1.323	1.367	624.200	619.600	84.417%	83.194%
σ		0.220%	0.110	0.050	0.011	4.095	6.017	0.893%	0.951%
%RSD		0.287	1.155	3.800	0.822	0.656	0.971	1.058	1.143
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	17:18:54	1.753	1.683	175.000	175.200	174.800	75.056%		
2	17:19:37	1.660	1.746	177.100	177.300	177.000	76.208%		
3	17:20:20	1.824	1.790	180.100	180.500	179.800	75.756%		
X		1.746	1.740	177.400	177.700	177.200	75.673%		
σ		0.082	0.054	2.551	2.668	2.510	0.580%		
%RSD		4.704	3.095	1.438	1.502	1.416	0.767		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:26:08	79.129%	95.050	88.400	90.390	0.000	47580.000	47720.000	47800.000
2	17:26:51	73.177%	103.400	97.800	98.390	0.000	52750.000	52120.000	52160.000
3	17:27:34	74.252%	96.330	95.540	94.440	0.000	47780.000	48040.000	48500.000
X		75.519%	98.277%	93.914%	94.407%	0.000	98.738%	98.583%	98.974%
σ		3.172%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		4.200	4.600	5.227	4.235	0.000	5.933	4.984	4.729
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:26:08	455.400	5098.000	0.000	47200.000	45090.000	47090.000	93.759%	93.460
2	17:26:51	497.100	5604.000	0.000	52920.000	50890.000	54000.000	81.864%	105.300
3	17:27:34	459.800	5085.000	0.000	46810.000	44790.000	46990.000	91.472%	93.450
X		94.152%	105.248%	0.000	97.953%	93.849%	98.720%	89.032%	97.416%
σ		n/a	n/a	0.000	n/a	n/a	n/a	6.312%	n/a
%RSD		4.874	5.616	0.000	6.990	7.333	8.137	7.090	7.047
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:26:08	88.960	90.640	474.400	23940.000	24020.000	90.960	92.970	93.400
2	17:26:51	102.100	103.500	537.800	26600.000	26930.000	103.600	103.500	104.800
3	17:27:34	89.530	91.020	482.500	24110.000	24030.000	91.590	92.810	93.800
X		93.546%	95.048%	99.644%	99.529%	99.976%	95.374%	96.416%	97.344%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		7.961	7.687	6.927	5.979	6.717	7.448	6.334	6.667
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:26:08	92.850	93.200	94.980	96.940	97.630	100.000	0.000	94.910
2	17:26:51	103.800	105.900	104.700	105.000	104.900	105.800	0.000	100.600
3	17:27:34	94.300	95.330	96.170	96.880	98.680	99.860	0.000	94.910
X		96.992%	98.133%	98.603%	99.591%	100.405%	101.895%	0.000	96.800%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		6.151	6.915	5.354	4.661	3.920	3.316	0.000	3.386
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:26:08	79.308%	95.380	94.390	78.093%	93.310	94.480	94.180	95.250
2	17:26:51	78.776%	102.500	102.800	77.027%	99.250	99.500	101.700	101.100
3	17:27:34	81.572%	98.930	99.490	79.648%	94.220	95.490	95.290	95.930
X		79.885%	98.935%	98.910%	78.256%	95.593%	96.490%	97.070%	97.431%
σ		1.485%	n/a	n/a	1.318%	n/a	n/a	n/a	n/a
%RSD		1.859	3.592	4.306	1.684	3.346	2.750	4.202	3.292
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:26:08	77.704%	93.560	94.000	93.690	93.790	92.920	80.136%	79.987%
2	17:26:51	78.283%	99.300	98.810	98.770	98.360	98.490	80.649%	81.327%
3	17:27:34	81.160%	94.250	94.370	93.610	93.800	93.210	84.061%	84.859%
X		79.049%	95.703%	95.724%	95.357%	95.318%	94.873%	81.615%	82.058%
σ		1.851%	n/a	n/a	n/a	n/a	n/a	2.134%	2.516%
%RSD		2.342	3.274	2.796	3.100	2.766	3.304	2.615	3.067
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	17:26:08	90.290	90.230	89.810	89.200	89.650	78.230%		
2	17:26:51	95.700	96.160	95.560	96.080	95.640	79.088%		
3	17:27:34	91.600	91.030	91.270	91.580	91.410	82.535%		
X		92.529%	92.475%	92.213%	92.287%	92.233%	79.951%		
σ		n/a	n/a	n/a	n/a	n/a	2.278%		
%RSD		3.050	3.483	3.237	3.788	3.336	2.850		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:34:08	90.289%	-0.041	0.685	0.708	0.000	1.629	1.791	1.791
2	17:34:51	90.924%	-0.030	0.542	0.641	0.000	1.294	1.415	1.578
3	17:35:34	87.690%	-0.041	0.599	0.551	0.000	1.244	1.452	2.060
X		89.634%	-0.037	0.609	0.633	0.000	1.389	1.553	1.809
σ		1.713%	0.007	0.072	0.079	0.000	0.209	0.207	0.241
%RSD		1.911	17.850	11.840	12.430	0.000	15.060	13.330	13.350
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:34:08	0.390	-0.658	0.000	-3.667	-1.731	0.324	100.832%	0.046
2	17:34:51	0.386	-1.050	0.000	-4.567	1.863	0.436	100.281%	-0.060
3	17:35:34	0.330	-1.010	0.000	-4.250	-0.114	1.451	98.538%	0.005
X		0.369	-0.906	0.000	-4.161	0.006	0.737	99.884%	-0.003
σ		0.034	0.216	0.000	0.456	1.800	0.621	1.198%	0.053
%RSD		9.122	23.810	0.000	10.960	30000.000	84.250	1.199	1968.000
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:34:08	0.007	-0.019	0.480	2.899	10.640	-0.008	-0.031	-0.014
2	17:34:51	-0.001	-0.033	0.458	0.299	8.587	-0.010	-0.016	-0.029
3	17:35:34	0.008	-0.023	0.443	-2.424	6.073	-0.008	-0.041	-0.012
X		0.005	-0.025	0.460	0.258	8.433	-0.009	-0.029	-0.018
σ		0.005	0.007	0.019	2.662	2.287	0.001	0.012	0.009
%RSD		99.270	28.540	4.089	1032.000	27.120	15.730	41.740	50.800
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:34:08	-0.009	-0.161	-0.011	-0.249	-0.119	-0.976	0.000	0.010
2	17:34:51	-0.007	-0.105	-0.143	-0.158	-0.221	-0.769	0.000	0.005
3	17:35:34	-0.024	-0.049	-0.215	-0.255	-0.429	-1.063	0.000	0.011
X		-0.013	-0.105	-0.123	-0.221	-0.256	-0.936	0.000	0.009
σ		0.009	0.056	0.104	0.054	0.158	0.151	0.000	0.003
%RSD		71.310	53.020	84.430	24.580	61.500	16.160	0.000	38.010
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:34:08	89.851%	0.207	0.218	88.241%	-0.009	-0.002	0.070	0.060
2	17:34:51	91.862%	0.184	0.174	88.752%	-0.005	-0.002	-0.007	0.014
3	17:35:34	92.706%	0.138	0.154	90.031%	-0.004	-0.001	-0.017	0.000
X		91.473%	0.176	0.182	89.008%	-0.006	-0.002	0.015	0.025
σ		1.467%	0.035	0.033	0.922%	0.002	0.001	0.048	0.032
%RSD		1.603	19.960	17.920	1.036	43.340	36.490	313.700	127.700
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:34:08	83.956%	-0.161	-0.056	-0.061	0.015	0.015	84.901%	85.040%
2	17:34:51	86.024%	-0.103	-0.039	-0.037	0.006	0.021	87.945%	87.948%
3	17:35:34	87.121%	-0.209	-0.061	-0.050	-0.002	0.003	89.072%	89.490%
X		85.700%	-0.158	-0.052	-0.050	0.007	0.013	87.306%	87.493%
σ		1.607%	0.053	0.012	0.012	0.008	0.009	2.158%	2.260%
%RSD		1.876	33.460	22.530	23.920	127.900	68.770	2.471	2.583
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	17:34:08	0.005	0.003	0.080	0.090	0.086	92.984%		
2	17:34:51	0.003	0.002	0.070	0.076	0.070	95.007%		
3	17:35:34	-0.002	0.000	0.065	0.060	0.063	97.504%		
X		0.002	0.002	0.072	0.075	0.073	95.165%		
σ		0.003	0.002	0.008	0.015	0.011	2.264%		
%RSD		154.200	80.810	11.050	19.990	15.440	2.379		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:38:28	71.529%	6.087	29.420	29.390	0.000	385.100	27360.000	28080.000
2	17:39:11	68.982%	6.388	30.840	30.770	0.000	381.200	27870.000	28530.000
3	17:39:54	67.967%	6.624	31.610	31.930	0.000	409.600	28390.000	29040.000
X		69.493%	6.366	30.630	30.700	0.000	392.000	27870.000	28550.000
σ		1.835%	0.269	1.110	1.274	0.000	15.390	513.100	477.800
%RSD		2.641	4.231	3.624	4.149	0.000	3.926	1.841	1.674
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:38:28	131100.000	1827.000	0.000	10960.000	16190.000	15350.000	79.991%	959.900
2	17:39:11	131400.000	1834.000	0.000	11060.000	16630.000	15780.000	77.412%	996.500
3	17:39:54	133100.000	1839.000	0.000	11070.000	16640.000	15790.000	77.294%	995.000
X		131900.000	1833.000	0.000	11030.000	16490.000	15640.000	78.233%	983.800
σ		1079.000	5.865	0.000	62.190	257.000	251.900	1.524%	20.700
%RSD		0.819	0.320	0.000	0.564	1.559	1.611	1.949	2.104
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:38:28	235.800	317.300	4763.000	277000.000	285200.000	100.300	259.800	170.000
2	17:39:11	244.900	329.200	4839.000	279700.000	287300.000	102.200	264.200	173.800
3	17:39:54	246.700	332.900	4909.000	284500.000	293800.000	105.000	266.700	175.200
X		242.500	326.500	4837.000	280400.000	288700.000	102.500	263.600	173.000
σ		5.843	8.160	72.810	3787.000	4474.000	2.332	3.493	2.711
%RSD		2.410	2.499	1.505	1.351	1.549	2.275	1.325	1.567
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:38:28	170.000	612.400	610.700	160.000	4.736	8.500	0.000	113.600
2	17:39:11	172.100	623.000	628.500	163.800	5.252	7.878	0.000	116.200
3	17:39:54	176.400	637.500	644.400	166.700	5.187	8.132	0.000	119.400
X		172.800	624.300	627.800	163.500	5.058	8.170	0.000	116.400
σ		3.223	12.580	16.880	3.389	0.281	0.313	0.000	2.883
%RSD		1.865	2.015	2.688	2.073	5.556	3.825	0.000	2.477
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:38:28	0.000	17.530	17.330	74.954%	0.293	0.285	1.778	1.504
2	17:39:11	0.000	17.610	17.440	74.829%	0.295	0.258	1.829	1.595
3	17:39:54	0.000	18.690	18.280	73.337%	0.321	0.294	1.636	1.506
X		0.000	17.940	17.680	74.373%	0.303	0.279	1.748	1.535
σ		0.000	0.650	0.520	0.900%	0.015	0.019	0.100	0.052
%RSD		0.000	3.625	2.940	1.210	5.071	6.852	5.724	3.389
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:38:28	75.860%	8.203	1.263	1.269	648.800	640.400	81.229%	80.084%
2	17:39:11	77.006%	7.918	1.322	1.321	646.900	644.300	83.248%	82.177%
3	17:39:54	75.780%	8.311	1.282	1.352	666.600	665.200	82.659%	81.504%
X		76.215%	8.144	1.289	1.314	654.100	650.000	82.379%	81.255%
σ		0.686%	0.203	0.030	0.042	10.900	13.310	1.038%	1.068%
%RSD		0.900	2.491	2.340	3.197	1.666	2.048	1.260	1.315
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	17:38:28	1.845	1.865	139.100	136.400	137.500	76.167%		
2	17:39:11	1.935	1.936	141.800	139.100	140.200	77.483%		
3	17:39:54	2.003	2.028	146.100	144.400	144.900	75.950%		
X		1.928	1.943	142.300	140.000	140.900	76.534%		
σ		0.079	0.082	3.516	4.080	3.727	0.830%		
%RSD		4.116	4.204	2.470	2.915	2.646	1.084		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:42:48	72.444%	7.597	35.690	34.030	0.000	526.400	30240.000	30790.000
2	17:43:31	74.501%	7.157	32.320	31.200	0.000	490.900	28610.000	29180.000
3	17:44:14	71.720%	7.191	33.720	34.330	0.000	534.400	30880.000	31910.000
X		72.888%	7.315	33.910	33.190	0.000	517.200	29910.000	30630.000
σ		1.443%	0.245	1.694	1.731	0.000	23.130	1171.000	1375.000
%RSD		1.979	3.344	4.997	5.216	0.000	4.473	3.916	4.491
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:42:48	132800.000	1695.000	0.000	10320.000	33710.000	35520.000	90.567%	1030.000
2	17:43:31	126000.000	1597.000	0.000	9776.000	32880.000	34620.000	90.181%	995.300
3	17:44:14	136100.000	1773.000	0.000	11080.000	37710.000	39500.000	80.095%	1131.000
X		131600.000	1688.000	0.000	10390.000	34770.000	36550.000	86.947%	1052.000
σ		5121.000	88.110	0.000	654.100	2587.000	2596.000	5.938%	70.490
%RSD		3.890	5.219	0.000	6.295	7.440	7.103	6.829	6.699
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:42:48	247.600	209.600	6256.000	237400.000	243900.000	118.200	228.000	174.900
2	17:43:31	240.100	203.000	6051.000	229400.000	236100.000	114.200	220.800	168.400
3	17:44:14	271.000	231.800	6865.000	257400.000	263900.000	129.500	248.300	190.400
X		252.900	214.800	6391.000	241400.000	248000.000	120.600	232.400	177.900
σ		16.100	15.050	423.200	14380.000	14360.000	7.901	14.260	11.280
%RSD		6.366	7.006	6.621	5.957	5.791	6.550	6.134	6.341
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:42:48	175.300	583.800	586.300	132.200	4.940	7.757	0.000	176.600
2	17:43:31	167.600	565.900	571.500	128.000	4.615	7.670	0.000	172.600
3	17:44:14	187.900	631.000	640.500	138.800	5.237	8.772	0.000	184.600
X		176.900	593.500	599.400	133.000	4.930	8.066	0.000	177.900
σ		10.240	33.630	36.300	5.466	0.311	0.613	0.000	6.125
%RSD		5.787	5.666	6.057	4.110	6.308	7.595	0.000	3.443
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:42:48	0.000	13.490	13.670	74.205%	0.339	0.246	2.511	2.023
2	17:43:31	0.000	13.470	13.280	76.195%	0.314	0.252	2.297	1.898
3	17:44:14	0.000	14.350	13.980	75.175%	0.304	0.248	2.315	1.873
X		0.000	13.770	13.650	75.191%	0.319	0.248	2.374	1.931
σ		0.000	0.500	0.349	0.995%	0.018	0.003	0.118	0.080
%RSD		0.000	3.631	2.558	1.323	5.666	1.239	4.983	4.151
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:42:48	75.141%	8.413	1.425	1.362	954.900	944.500	82.594%	81.634%
2	17:43:31	78.730%	8.265	1.311	1.397	920.200	912.300	86.482%	85.530%
3	17:44:14	77.824%	8.675	1.381	1.453	953.400	946.400	86.037%	84.920%
X		77.232%	8.451	1.372	1.404	942.800	934.400	85.038%	84.028%
σ		1.866%	0.208	0.057	0.046	19.620	19.200	2.128%	2.096%
%RSD		2.417	2.456	4.168	3.300	2.081	2.055	2.502	2.494
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	17:42:48	1.945	1.950	173.800	171.500	172.200	73.558%		
2	17:43:31	1.908	1.884	166.300	163.700	164.900	78.291%		
3	17:44:14	2.000	2.011	175.000	170.700	172.500	77.698%		
X		1.951	1.949	171.700	168.600	169.800	76.516%		
σ		0.046	0.063	4.714	4.268	4.317	2.579%		
%RSD		2.379	3.258	2.746	2.531	2.542	3.370		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:47:08	74.141%	7.462	31.020	30.290	0.000	469.700	32980.000	33850.000
2	17:47:51	74.619%	7.420	31.250	30.130	0.000	457.400	32290.000	33610.000
3	17:48:34	73.118%	7.547	31.870	31.530	0.000	495.800	35190.000	35600.000
X		73.959%	7.476	31.380	30.650	0.000	474.300	33490.000	34350.000
σ		0.767%	0.065	0.441	0.764	0.000	19.590	1517.000	1087.000
%RSD		1.037	0.869	1.406	2.494	0.000	4.130	4.530	3.164
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:47:08	124600.000	2666.000	0.000	10030.000	26860.000	28240.000	93.353%	987.000
2	17:47:51	124100.000	2647.000	0.000	10020.000	26520.000	27970.000	92.251%	999.900
3	17:48:34	132200.000	2794.000	0.000	11100.000	29880.000	31370.000	82.050%	1109.000
X		127000.000	2702.000	0.000	10380.000	27750.000	29190.000	89.218%	1032.000
σ		4560.000	79.730	0.000	621.900	1847.000	1889.000	6.232%	66.940
%RSD		3.591	2.950	0.000	5.989	6.654	6.471	6.985	6.487
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:47:08	230.000	227.500	6826.000	282600.000	291000.000	120.300	279.300	241.600
2	17:47:51	238.500	231.200	6825.000	283800.000	295400.000	122.500	281.300	245.500
3	17:48:34	261.400	255.000	7488.000	308000.000	319300.000	132.400	304.600	264.400
X		243.300	237.900	7046.000	291500.000	301900.000	125.100	288.400	250.500
σ		16.230	14.930	382.600	14340.000	15190.000	6.451	14.080	12.180
%RSD		6.671	6.276	5.429	4.921	5.032	5.158	4.880	4.860
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:47:08	242.400	786.100	799.600	170.700	5.152	9.893	0.000	152.100
2	17:47:51	244.500	795.300	803.300	172.700	4.940	9.655	0.000	154.600
3	17:48:34	262.800	851.700	866.600	182.300	5.290	10.890	0.000	158.500
X		249.900	811.000	823.200	175.300	5.127	10.150	0.000	155.100
σ		11.210	35.530	37.670	6.200	0.176	0.656	0.000	3.206
%RSD		4.486	4.381	4.576	3.538	3.440	6.463	0.000	2.068
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:47:08	0.000	18.390	18.500	74.418%	0.346	0.215	3.415	2.728
2	17:47:51	0.000	18.490	18.790	74.796%	0.371	0.217	3.570	2.965
3	17:48:34	0.000	18.880	19.080	74.929%	0.377	0.202	3.567	2.784
X		0.000	18.590	18.790	74.714%	0.365	0.211	3.517	2.826
σ		0.000	0.256	0.291	0.265%	0.016	0.008	0.088	0.124
%RSD		0.000	1.376	1.548	0.355	4.389	3.976	2.510	4.392
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:47:08	75.905%	11.190	1.682	1.767	1045.000	1036.000	85.654%	84.598%
2	17:47:51	76.764%	11.460	1.661	1.681	1055.000	1040.000	88.485%	86.982%
3	17:48:34	77.421%	11.190	1.631	1.688	1049.000	1044.000	89.059%	87.742%
X		76.696%	11.280	1.658	1.712	1050.000	1040.000	87.733%	86.441%
σ		0.760%	0.157	0.025	0.048	4.910	4.342	1.823%	1.641%
%RSD		0.991	1.387	1.537	2.807	0.468	0.417	2.078	1.898
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	17:47:08	2.137	2.145	243.400	242.100	243.300	72.057%		
2	17:47:51	2.233	2.249	249.400	244.900	246.900	73.647%		
3	17:48:34	2.175	2.224	248.200	245.700	248.100	74.240%		
X		2.181	2.206	247.000	244.200	246.100	73.315%		
σ		0.048	0.054	3.194	1.864	2.524	1.129%		
%RSD		2.215	2.464	1.293	0.763	1.026	1.540		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:51:27	76.533%	4.990	24.830	24.960	0.000	590.100	26180.000	27000.000
2	17:52:10	75.493%	5.065	25.460	25.970	0.000	614.100	27500.000	28520.000
3	17:52:53	77.311%	5.293	25.620	26.050	0.000	596.700	27230.000	28290.000
x		76.445%	5.116	25.300	25.660	0.000	600.300	26970.000	27940.000
σ		0.912%	0.158	0.419	0.607	0.000	12.390	694.300	820.700
%RSD		1.193	3.078	1.654	2.364	0.000	2.065	2.574	2.938
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:51:27	105500.000	2252.000	0.000	9547.000	11440.000	10880.000	94.058%	741.500
2	17:52:10	111800.000	2348.000	0.000	10330.000	12550.000	12120.000	82.814%	827.400
3	17:52:53	111100.000	2354.000	0.000	10270.000	12590.000	12250.000	81.703%	834.400
x		109500.000	2318.000	0.000	10050.000	12190.000	11750.000	86.192%	801.100
σ		3458.000	57.350	0.000	436.200	655.900	756.700	6.835%	51.760
%RSD		3.158	2.474	0.000	4.340	5.380	6.438	7.930	6.461
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:51:27	190.100	186.000	3829.000	262500.000	270800.000	89.780	229.200	219.200
2	17:52:10	209.000	205.100	4208.000	285500.000	293600.000	96.760	248.100	236.800
3	17:52:53	210.800	205.900	4291.000	288300.000	295400.000	97.880	249.600	237.900
x		203.300	199.000	4109.000	278800.000	286600.000	94.810	242.300	231.300
σ		11.460	11.260	246.400	14130.000	13670.000	4.387	11.380	10.480
%RSD		5.639	5.658	5.996	5.069	4.769	4.627	4.698	4.533
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:51:27	218.000	586.000	593.600	155.100	3.367	6.590	0.000	73.270
2	17:52:10	234.700	635.200	639.400	165.000	3.574	6.767	0.000	76.210
3	17:52:53	236.900	638.900	645.200	167.300	3.716	7.460	0.000	76.460
x		229.900	620.000	626.000	162.500	3.552	6.939	0.000	75.310
σ		10.320	29.520	28.260	6.510	0.176	0.459	0.000	1.772
%RSD		4.488	4.761	4.515	4.007	4.947	6.621	0.000	2.353
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:51:27	0.000	13.080	13.040	74.631%	0.307	0.166	2.099	1.733
2	17:52:10	0.000	13.590	13.540	75.138%	0.311	0.148	2.498	1.905
3	17:52:53	0.000	13.580	13.410	75.098%	0.302	0.188	2.130	1.722
x		0.000	13.420	13.330	74.955%	0.307	0.167	2.242	1.787
σ		0.000	0.288	0.262	0.282%	0.004	0.020	0.222	0.102
%RSD		0.000	2.147	1.963	0.376	1.392	11.900	9.897	5.733
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:51:27	75.001%	10.080	1.093	1.006	544.200	538.700	81.781%	80.628%
2	17:52:10	75.813%	10.230	1.091	1.096	548.200	542.000	83.772%	82.083%
3	17:52:53	76.251%	10.380	1.119	1.092	547.500	541.700	83.724%	82.574%
x		75.688%	10.230	1.101	1.065	546.600	540.800	83.092%	81.762%
σ		0.634%	0.148	0.016	0.051	2.128	1.807	1.136%	1.012%
%RSD		0.838	1.449	1.426	4.787	0.389	0.334	1.367	1.238
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	17:51:27	1.671	1.707	143.500	141.600	143.200	71.315%		
2	17:52:10	1.747	1.770	146.200	144.000	145.100	72.729%		
3	17:52:53	1.756	1.763	146.800	144.400	145.700	72.700%		
x		1.725	1.747	145.500	143.300	144.700	72.248%		
σ		0.046	0.035	1.765	1.491	1.316	0.808%		
%RSD		2.693	1.985	1.213	1.040	0.910	1.118		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:00:06	89.093%	-0.040	0.530	0.388	0.000	7.124	6.759	7.258
2	18:00:49	89.360%	-0.038	0.412	0.405	0.000	6.761	7.420	7.601
3	18:01:32	89.325%	-0.029	0.378	0.400	0.000	6.736	7.429	7.487
X		89.259%	-0.036	0.440	0.397	0.000	6.874	7.203	7.449
σ		0.145%	0.006	0.080	0.009	0.000	0.217	0.384	0.174
%RSD		0.162	17.560	18.130	2.240	0.000	3.155	5.334	2.343
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:00:06	4.908	4.978	0.000	-0.753	28.710	31.940	101.208%	0.225
2	18:00:49	4.990	4.454	0.000	-2.005	34.280	29.690	99.191%	0.102
3	18:01:32	5.029	4.526	0.000	-2.140	36.680	31.670	96.912%	0.085
X		4.976	4.653	0.000	-1.633	33.220	31.100	99.104%	0.137
σ		0.062	0.284	0.000	0.765	4.091	1.226	2.150%	0.077
%RSD		1.245	6.112	0.000	46.830	12.310	3.942	2.169	55.750
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:00:06	0.069	0.228	0.222	28.380	35.250	-0.016	0.002	0.151
2	18:00:49	0.336	0.234	0.266	20.040	26.920	-0.011	0.030	0.127
3	18:01:32	0.132	0.233	0.288	17.640	25.520	-0.013	0.016	0.118
X		0.179	0.232	0.259	22.020	29.230	-0.014	0.016	0.132
σ		0.140	0.003	0.034	5.637	5.262	0.003	0.014	0.017
%RSD		78.100	1.360	13.000	25.600	18.000	19.560	87.920	13.110
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:00:06	0.120	0.653	0.923	-0.074	-0.477	-0.896	0.000	0.066
2	18:00:49	0.155	0.709	0.467	-0.039	-0.404	-0.520	0.000	0.063
3	18:01:32	0.133	0.668	0.671	-0.171	-0.605	-0.624	0.000	0.063
X		0.136	0.677	0.687	-0.095	-0.495	-0.680	0.000	0.064
σ		0.017	0.029	0.229	0.068	0.102	0.194	0.000	0.002
%RSD		12.780	4.279	33.290	72.230	20.520	28.580	0.000	2.359
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:00:06	84.098%	0.042	0.013	85.210%	-0.010	-0.014	0.093	0.071
2	18:00:49	85.254%	0.054	0.032	85.977%	-0.016	-0.008	-0.035	-0.021
3	18:01:32	85.126%	0.032	0.046	85.964%	-0.015	-0.012	-0.049	-0.030
X		84.826%	0.043	0.030	85.717%	-0.014	-0.011	0.003	0.007
σ		0.634%	0.011	0.017	0.439%	0.003	0.003	0.078	0.055
%RSD		0.747	26.210	54.370	0.512	25.050	28.000	2638.000	811.400
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:00:06	80.305%	3.685	-0.073	-0.063	0.234	0.261	82.271%	82.136%
2	18:00:49	82.279%	3.536	-0.072	-0.075	0.243	0.214	85.144%	85.034%
3	18:01:32	82.806%	3.504	-0.071	-0.073	0.242	0.231	85.420%	85.605%
X		81.797%	3.575	-0.072	-0.070	0.240	0.235	84.278%	84.258%
σ		1.319%	0.097	0.001	0.007	0.005	0.024	1.744%	1.860%
%RSD		1.612	2.711	1.717	9.753	1.938	10.060	2.069	2.208
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	18:00:06	-0.004	-0.007	0.050	0.055	0.051	89.085%		
2	18:00:49	-0.009	-0.002	0.043	0.042	0.041	91.192%		
3	18:01:32	-0.005	-0.001	0.031	0.051	0.040	92.180%		
X		-0.006	-0.003	0.041	0.049	0.044	90.819%		
σ		0.003	0.003	0.009	0.007	0.006	1.581%		
%RSD		45.310	93.770	22.680	13.910	13.460	1.740		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:04:23	78.266%	834.900	79.750	79.820	0.000	8573.000	8555.000	8749.000
2	18:05:06	75.468%	850.400	81.770	83.700	0.000	9228.000	9281.000	9425.000
3	18:05:49	75.161%	844.900	82.770	82.660	0.000	9036.000	9066.000	9323.000
X		76.298%	843.400	81.430	82.060	0.000	8946.000	8967.000	9166.000
σ		1.711%	7.847	1.537	2.005	0.000	336.600	372.700	364.800
%RSD		2.243	0.930	1.888	2.443	0.000	3.763	4.157	3.980
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:04:23	8615.000	25.490	0.000	8436.000	8547.000	8086.000	90.296%	85.170
2	18:05:06	9228.000	27.620	0.000	9401.000	9964.000	9317.000	76.778%	96.450
3	18:05:49	9103.000	26.920	0.000	9463.000	9996.000	9305.000	77.334%	97.050
X		8982.000	26.680	0.000	9100.000	9502.000	8903.000	81.469%	92.890
σ		323.900	1.088	0.000	575.700	827.300	707.600	7.649%	6.690
%RSD		3.606	4.080	0.000	6.327	8.706	7.948	9.389	7.202
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:04:23	894.700	898.200	888.700	8981.000	8211.000	914.600	847.600	867.300
2	18:05:06	1007.000	1006.000	987.100	9889.000	9087.000	1001.000	947.500	953.800
3	18:05:49	1014.000	1009.000	983.200	9839.000	9052.000	993.900	940.300	952.800
X		971.800	971.100	953.000	9570.000	8783.000	970.000	911.800	924.600
σ		66.880	63.190	55.690	510.500	496.000	48.090	55.730	49.630
%RSD		6.882	6.507	5.844	5.334	5.647	4.958	6.112	5.368
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:04:23	880.600	805.700	806.200	808.200	782.900	805.200	0.000	955.300
2	18:05:06	955.000	872.600	874.000	842.300	806.600	810.400	0.000	955.100
3	18:05:49	942.700	873.700	872.800	842.500	808.200	818.400	0.000	963.000
X		926.100	850.700	851.000	831.000	799.200	811.300	0.000	957.800
σ		39.840	38.940	38.810	19.740	14.140	6.675	0.000	4.545
%RSD		4.302	4.578	4.560	2.375	1.769	0.823	0.000	0.475
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:04:23	74.941%	87.040	85.760	79.411%	88.410	90.370	837.300	864.800
2	18:05:06	76.430%	87.980	87.770	79.605%	89.080	90.890	845.400	867.100
3	18:05:49	76.186%	88.480	88.120	79.273%	89.620	91.310	850.500	875.300
X		75.852%	87.830	87.210	79.429%	89.040	90.860	844.400	869.100
σ		0.799%	0.729	1.275	0.167%	0.606	0.473	6.654	5.517
%RSD		1.053	0.830	1.462	0.210	0.681	0.520	0.788	0.635
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:04:23	73.794%	95.920	83.370	83.220	864.700	856.400	80.660%	81.509%
2	18:05:06	75.635%	96.480	83.630	83.910	861.400	857.800	83.305%	83.622%
3	18:05:49	75.718%	97.610	84.300	84.400	859.700	855.600	84.377%	85.286%
X		75.049%	96.670	83.770	83.850	861.900	856.600	82.780%	83.472%
σ		1.088%	0.863	0.481	0.592	2.525	1.083	1.913%	1.893%
%RSD		1.449	0.893	0.575	0.706	0.293	0.126	2.311	2.268
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	18:04:23	205.800	206.100	821.900	871.900	890.000	76.744%		
2	18:05:06	211.800	210.100	830.800	877.700	894.200	79.281%		
3	18:05:49	212.100	211.400	829.200	885.100	897.200	80.158%		
X		209.900	209.200	827.300	878.200	893.800	78.728%		
σ		3.529	2.756	4.749	6.646	3.628	1.773%		
%RSD		1.681	1.317	0.574	0.757	0.406	2.252		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:08:41	71.373%	9.389	47.390	46.570	0.000	586.200	41940.000	43530.000
2	18:09:24	69.966%	9.300	47.690	48.520	0.000	620.400	44640.000	45920.000
3	18:10:07	70.805%	8.786	46.210	46.580	0.000	585.800	42600.000	43190.000
X		70.715%	9.158	47.090	47.220	0.000	597.500	43060.000	44210.000
σ		0.708%	0.326	0.784	1.123	0.000	19.840	1405.000	1490.000
%RSD		1.001	3.559	1.665	2.377	0.000	3.321	3.262	3.370
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:08:41	156800.000	2176.000	0.000	16240.000	54290.000	57410.000	89.892%	615.400
2	18:09:24	166600.000	2311.000	0.000	17570.000	60170.000	63230.000	80.258%	682.800
3	18:10:07	155400.000	2103.000	0.000	16240.000	54760.000	58000.000	90.408%	618.500
X		159600.000	2197.000	0.000	16680.000	56410.000	59550.000	86.853%	638.900
σ		6083.000	105.700	0.000	765.400	3266.000	3206.000	5.717%	38.040
%RSD		3.811	4.809	0.000	4.587	5.790	5.384	6.582	5.954
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:08:41	226.400	260.200	4610.000	264200.000	272200.000	118.800	296.000	203.400
2	18:09:24	250.200	285.500	5100.000	291000.000	298500.000	130.900	324.100	222.100
3	18:10:07	226.200	263.000	4656.000	264100.000	272000.000	120.400	299.700	206.000
X		234.300	269.600	4789.000	273100.000	280900.000	123.400	306.600	210.500
σ		13.810	13.890	270.100	15540.000	15280.000	6.565	15.260	10.140
%RSD		5.894	5.153	5.641	5.690	5.439	5.321	4.978	4.815
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:08:41	206.200	853.200	863.600	111.900	6.945	9.521	0.000	170.100
2	18:09:24	221.000	925.200	931.500	120.400	6.165	9.046	0.000	178.100
3	18:10:07	204.700	859.500	872.400	112.900	4.876	7.717	0.000	174.700
X		210.600	879.300	889.100	115.000	5.996	8.761	0.000	174.300
σ		9.024	39.870	36.920	4.642	1.045	0.935	0.000	3.999
%RSD		4.284	4.535	4.152	4.035	17.430	10.670	0.000	2.295
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:08:41	0.000	15.880	15.740	78.355%	0.366	0.287	3.334	2.954
2	18:09:24	0.000	16.340	15.900	78.946%	0.388	0.302	3.352	2.956
3	18:10:07	0.000	16.270	16.040	79.275%	0.383	0.287	3.107	2.761
X		0.000	16.160	15.890	78.859%	0.379	0.292	3.264	2.890
σ		0.000	0.249	0.152	0.466%	0.011	0.008	0.137	0.112
%RSD		0.000	1.543	0.954	0.591	2.950	2.896	4.186	3.883
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:08:41	74.683%	11.240	1.542	1.636	855.500	847.200	81.103%	79.570%
2	18:09:24	76.960%	11.560	1.528	1.575	856.300	846.100	83.763%	82.464%
3	18:10:07	77.226%	10.980	1.494	1.511	859.200	850.800	83.671%	82.214%
X		76.290%	11.260	1.521	1.574	857.000	848.000	82.846%	81.416%
σ		1.398%	0.293	0.025	0.063	1.980	2.481	1.510%	1.603%
%RSD		1.832	2.604	1.625	3.972	0.231	0.292	1.822	1.969
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	18:08:41	2.918	2.877	208.000	204.700	205.900	73.114%		
2	18:09:24	2.630	2.545	209.600	208.800	208.700	74.482%		
3	18:10:07	2.441	2.440	208.400	207.100	207.500	75.507%		
X		2.663	2.621	208.700	206.900	207.400	74.367%		
σ		0.240	0.228	0.818	2.081	1.389	1.201%		
%RSD		9.022	8.709	0.392	1.006	0.669	1.614		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:13:00	80.802%	1.807	10.300	10.270	0.000	102.000	8494.000	8600.000
2	18:13:42	78.308%	1.792	9.972	10.440	0.000	105.700	8598.000	8820.000
3	18:14:25	77.574%	1.854	10.260	10.340	0.000	101.800	8302.000	8664.000
X		78.895%	1.818	10.180	10.350	0.000	103.200	8465.000	8695.000
σ		1.692%	0.032	0.181	0.083	0.000	2.205	150.300	113.300
%RSD		2.145	1.780	1.776	0.798	0.000	2.138	1.776	1.303
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:13:00	31890.000	398.500	0.000	3252.000	11050.000	10460.000	98.708%	122.200
2	18:13:42	32420.000	413.100	0.000	3297.000	11290.000	10790.000	96.199%	125.600
3	18:14:25	31970.000	409.700	0.000	3240.000	11140.000	10530.000	95.357%	126.600
X		32100.000	407.100	0.000	3263.000	11160.000	10590.000	96.755%	124.800
σ		287.900	7.642	0.000	30.050	119.400	174.600	1.743%	2.289
%RSD		0.897	1.877	0.000	0.921	1.069	1.648	1.802	1.834
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:13:00	44.290	51.770	921.700	55360.000	54080.000	23.530	59.190	41.200
2	18:13:42	45.930	53.660	945.600	56410.000	55460.000	24.160	61.500	43.300
3	18:14:25	45.920	52.550	930.500	55830.000	54960.000	23.950	60.050	42.550
X		45.380	52.660	932.600	55870.000	54830.000	23.880	60.240	42.350
σ		0.942	0.951	12.070	526.800	696.000	0.322	1.169	1.064
%RSD		2.077	1.806	1.295	0.943	1.269	1.348	1.940	2.513
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:13:00	41.070	181.700	183.100	22.450	0.776	0.176	0.000	31.460
2	18:13:42	42.580	184.400	185.800	23.080	0.603	-0.116	0.000	31.750
3	18:14:25	42.880	185.200	183.800	22.550	0.488	0.801	0.000	31.430
X		42.180	183.700	184.200	22.690	0.622	0.287	0.000	31.550
σ		0.971	1.840	1.415	0.339	0.145	0.469	0.000	0.175
%RSD		2.303	1.001	0.768	1.493	23.300	163.200	0.000	0.554
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:13:00	97.574%	2.959	3.111	85.852%	0.071	0.058	0.669	0.608
2	18:13:42	99.007%	3.027	3.073	86.428%	0.070	0.056	0.636	0.540
3	18:14:25	99.414%	2.991	3.049	87.186%	0.066	0.059	0.606	0.556
X		98.665%	2.992	3.078	86.489%	0.069	0.058	0.637	0.568
σ		0.967%	0.034	0.031	0.669%	0.003	0.002	0.032	0.035
%RSD		0.980	1.149	1.012	0.774	4.104	3.393	4.946	6.206
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:13:00	84.004%	1.892	0.273	0.320	171.700	169.800	86.473%	86.262%
2	18:13:42	84.603%	1.977	0.270	0.265	177.200	174.500	88.010%	88.054%
3	18:14:25	86.309%	1.790	0.250	0.279	170.900	172.000	90.176%	89.807%
X		84.972%	1.886	0.264	0.288	173.200	172.100	88.220%	88.041%
σ		1.196%	0.093	0.013	0.029	3.432	2.336	1.860%	1.772%
%RSD		1.407	4.947	4.744	9.976	1.981	1.357	2.109	2.013
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	18:13:00	0.588	0.577	39.210	38.790	38.760	86.711%		
2	18:13:42	0.543	0.560	39.780	39.330	39.460	89.667%		
3	18:14:25	0.509	0.527	39.850	39.000	39.200	91.399%		
X		0.547	0.555	39.610	39.040	39.140	89.259%		
σ		0.040	0.025	0.350	0.272	0.354	2.370%		
%RSD		7.242	4.538	0.884	0.696	0.905	2.656		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:17:18	73.228%	8.854	48.720	49.200	0.000	649.700	44690.000	46110.000
2	18:18:01	71.802%	9.138	51.610	50.860	0.000	663.000	44980.000	46150.000
3	18:18:44	69.249%	8.937	51.390	52.200	0.000	688.600	47150.000	48000.000
X		71.426%	8.976	50.570	50.750	0.000	667.100	45610.000	46750.000
σ		2.016%	0.146	1.607	1.504	0.000	19.790	1341.000	1083.000
%RSD		2.823	1.625	3.177	2.964	0.000	2.967	2.940	2.317
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:17:18	166700.000	2348.000	0.000	17870.000	69270.000	72770.000	82.619%	705.100
2	18:18:01	164800.000	2347.000	0.000	17760.000	69310.000	73160.000	82.928%	712.800
3	18:18:44	171400.000	2410.000	0.000	18560.000	71040.000	74980.000	80.270%	723.000
X		167700.000	2369.000	0.000	18060.000	69870.000	73640.000	81.939%	713.600
σ		3404.000	35.840	0.000	434.100	1007.000	1180.000	1.454%	8.971
%RSD		2.031	1.513	0.000	2.403	1.441	1.603	1.774	1.257
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:17:18	252.000	280.500	4979.000	287300.000	294500.000	132.100	320.700	230.300
2	18:18:01	251.800	280.300	4910.000	282700.000	293800.000	131.900	316.700	228.600
3	18:18:44	259.900	291.800	5175.000	296000.000	304200.000	136.300	331.000	236.400
X		254.600	284.200	5021.000	288700.000	297500.000	133.400	322.800	231.800
σ		4.618	6.602	137.200	6758.000	5834.000	2.494	7.378	4.078
%RSD		1.814	2.323	2.732	2.341	1.961	1.869	2.285	1.759
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:17:18	226.900	895.800	894.100	118.100	4.812	7.897	0.000	201.700
2	18:18:01	228.100	893.400	906.100	118.700	4.894	8.431	0.000	201.900
3	18:18:44	234.800	929.000	936.300	122.700	4.898	8.251	0.000	207.600
X		230.000	906.100	912.100	119.800	4.868	8.193	0.000	203.700
σ		4.265	19.890	21.760	2.466	0.048	0.272	0.000	3.381
%RSD		1.854	2.196	2.386	2.058	0.990	3.316	0.000	1.659
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:17:18	0.000	15.310	15.170	74.910%	0.350	0.269	3.198	2.679
2	18:18:01	0.000	15.320	15.410	75.725%	0.352	0.263	3.051	2.500
3	18:18:44	0.000	15.610	15.800	75.432%	0.362	0.259	3.061	2.626
X		0.000	15.420	15.460	75.356%	0.355	0.264	3.104	2.602
σ		0.000	0.170	0.318	0.413%	0.006	0.005	0.082	0.092
%RSD		0.000	1.103	2.054	0.548	1.732	1.828	2.652	3.553
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:17:18	76.091%	10.720	1.347	1.452	838.400	832.900	81.083%	79.640%
2	18:18:01	77.749%	10.980	1.309	1.408	839.900	839.700	82.737%	81.530%
3	18:18:44	77.218%	11.390	1.352	1.456	863.100	853.300	82.679%	81.525%
X		77.019%	11.030	1.336	1.439	847.100	842.000	82.166%	80.898%
σ		0.846%	0.340	0.023	0.026	13.860	10.350	0.939%	1.090%
%RSD		1.099	3.084	1.740	1.838	1.636	1.230	1.143	1.347
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	18:17:18	2.039	2.035	198.300	195.600	196.800	72.941%		
2	18:18:01	2.098	2.058	200.800	199.600	199.600	74.271%		
3	18:18:44	2.084	2.148	204.500	202.200	203.000	73.886%		
X		2.074	2.080	201.200	199.100	199.800	73.699%		
σ		0.031	0.060	3.139	3.323	3.095	0.684%		
%RSD		1.486	2.882	1.560	1.669	1.549	0.929		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	18:21:37	68.773%	93.910	115.800	117.100	0.000	9415.000	53150.000	53650.000	
2	18:22:20	70.459%	92.830	119.000	118.900	0.000	9788.000	54680.000	55580.000	
3	18:23:03	68.504%	94.830	122.300	118.400	0.000	9407.000	52960.000	54420.000	
X		69.245%	93.860	119.000	118.100	0.000	9536.000	53600.000	54550.000	
		σ	1.060%	1.002	3.278	0.929	0.000	217.700	943.600	972.600
		%RSD	1.531	1.067	2.754	0.787	0.000	2.283	1.760	1.783
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	18:21:37	176300.000	3243.000	0.000	24710.000	64840.000	68120.000	93.477%	757.900	
2	18:22:20	181900.000	3320.000	0.000	26670.000	70930.000	75660.000	83.302%	838.400	
3	18:23:03	177800.000	3281.000	0.000	24720.000	63980.000	68390.000	92.297%	761.800	
X		178700.000	3281.000	0.000	25370.000	66580.000	70720.000	89.692%	786.100	
		σ	2888.000	38.560	0.000	1130.000	3790.000	4276.000	5.565%	45.380
		%RSD	1.617	1.175	0.000	4.453	5.693	6.047	6.205	5.774
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	18:21:37	325.300	344.800	4875.000	274900.000	285000.000	202.400	390.900	275.800	
2	18:22:20	363.700	379.200	5312.000	298300.000	310000.000	222.400	424.000	297.900	
3	18:23:03	323.400	342.000	4903.000	276700.000	285100.000	204.500	389.200	278.900	
X		337.500	355.300	5030.000	283300.000	293400.000	209.800	401.400	284.200	
		σ	22.760	20.760	244.200	13060.000	14390.000	11.000	19.640	11.970
		%RSD	6.744	5.841	4.855	4.608	4.904	5.246	4.892	4.213
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	18:21:37	278.200	868.500	877.200	182.600	68.660	71.460	0.000	273.700	
2	18:22:20	299.700	933.700	937.900	193.400	71.780	75.530	0.000	282.900	
3	18:23:03	280.100	872.800	885.900	183.700	68.670	72.730	0.000	278.600	
X		286.000	891.700	900.300	186.600	69.700	73.240	0.000	278.400	
		σ	11.900	36.480	32.830	5.983	1.796	2.086	0.000	4.594
		%RSD	4.159	4.091	3.646	3.207	2.577	2.849	0.000	1.650
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	18:21:37	0.000	95.180	95.140	73.194%	81.040	81.770	81.760	81.250	
2	18:22:20	0.000	98.280	96.670	74.281%	82.180	82.760	82.070	81.810	
3	18:23:03	0.000	97.280	97.520	73.992%	82.330	82.800	82.550	81.320	
X		0.000	96.920	96.440	73.822%	81.850	82.450	82.130	81.460	
		σ	0.000	1.583	1.204	0.563%	0.706	0.584	0.398	0.304
		%RSD	0.000	1.633	1.248	0.763	0.863	0.709	0.485	0.373
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	18:21:37	74.374%	81.560	23.640	23.720	936.100	926.800	79.489%	77.303%	
2	18:22:20	75.538%	82.530	23.790	23.710	945.700	935.800	81.273%	79.888%	
3	18:23:03	76.136%	81.840	23.520	23.710	943.700	939.000	81.882%	80.041%	
X		75.349%	81.970	23.650	23.710	941.900	933.900	80.881%	79.077%	
		σ	0.896%	0.500	0.134	0.006	5.080	6.332	1.243%	1.538%
		%RSD	1.189	0.610	0.565	0.024	0.539	0.678	1.537	1.945
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi			
		ppb	ppb	ppb	ppb	ppb	ppb			
1	18:21:37	85.220	86.030	293.100	294.400	293.800	66.663%			
2	18:22:20	87.030	86.920	296.500	297.800	297.000	67.992%			
3	18:23:03	87.240	87.080	296.100	297.900	296.900	68.801%			
X		86.500	86.680	295.200	296.700	295.900	67.819%			
		σ	1.106	0.570	1.865	1.984	1.848	1.079%		
		%RSD	1.279	0.658	0.632	0.669	0.624	1.591		

CCV 664806 12/21/2012 6:28:09 PM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:28:52	75.206%	99.620	94.370	94.160	0.000	52230.000	52410.000	53030.000
2	18:29:34	73.095%	100.700	94.040	94.610	0.000	49840.000	49400.000	49750.000
3	18:30:17	71.249%	97.710	92.400	91.630	0.000	48600.000	48920.000	49100.000
x		73.183%	99.336%	93.604%	93.464%	0.000	100.446%	100.482%	101.250%
σ		1.980%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		2.706	1.517	1.128	1.717	0.000	3.681	3.763	4.159
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:28:52	504.000	5700.000	0.000	54810.000	52040.000	55280.000	79.038%	107.800
2	18:29:34	467.100	5323.000	0.000	49600.000	46780.000	49310.000	86.369%	98.550
3	18:30:17	457.600	5205.000	0.000	48720.000	45730.000	48640.000	86.703%	96.030
x		95.248%	108.183%	0.000	102.088%	96.369%	102.152%	84.037%	100.804%
σ		n/a	n/a	0.000	n/a	n/a	n/a	4.332%	n/a
%RSD		5.137	4.776	0.000	6.446	7.009	7.153	5.155	6.168
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:28:52	102.700	102.400	546.500	27130.000	27190.000	102.400	103.200	102.700
2	18:29:34	92.900	93.200	509.400	25010.000	24990.000	95.410	95.320	95.900
3	18:30:17	90.050	91.790	491.700	24410.000	24400.000	92.590	92.660	93.470
x		95.203%	95.793%	103.170%	102.065%	102.119%	96.791%	97.068%	97.348%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		6.943	6.008	5.423	5.618	5.764	5.207	5.656	4.898
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:28:52	103.000	103.100	104.000	102.300	101.800	104.200	0.000	94.630
2	18:29:34	95.040	98.520	97.950	97.330	99.550	100.800	0.000	95.400
3	18:30:17	93.100	94.740	94.460	94.370	96.280	96.060	0.000	93.300
x		97.060%	98.791%	98.812%	98.007%	99.212%	100.354%	0.000	94.448%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		5.421	4.246	4.899	4.099	2.798	4.068	0.000	1.125
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:28:52	81.469%	95.050	94.140	80.577%	92.340	94.060	94.620	95.720
2	18:29:34	81.932%	96.260	96.320	80.851%	93.000	94.060	94.430	95.840
3	18:30:17	82.318%	96.290	95.920	80.953%	91.810	92.520	93.120	94.260
x		81.906%	95.868%	95.462%	80.794%	92.384%	93.546%	94.057%	95.276%
σ		0.425%	n/a	n/a	0.194%	n/a	n/a	n/a	n/a
%RSD		0.519	0.737	1.213	0.240	0.643	0.952	0.869	0.920
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:28:52	79.936%	93.400	93.400	92.630	93.250	93.080	82.319%	82.370%
2	18:29:34	80.672%	94.290	93.860	93.830	94.230	92.930	84.179%	84.802%
3	18:30:17	81.975%	92.680	92.450	92.160	92.370	91.260	86.040%	86.889%
x		80.861%	93.455%	93.235%	92.874%	93.284%	92.424%	84.179%	84.687%
σ		1.033%	n/a	n/a	n/a	n/a	n/a	1.861%	2.262%
%RSD		1.277	0.863	0.769	0.924	1.001	1.095	2.210	2.671
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	18:28:52	93.630	93.370	93.300	93.500	93.690	76.984%		
2	18:29:34	94.760	94.730	94.860	95.490	95.230	78.394%		
3	18:30:17	92.510	92.430	92.800	92.380	92.350	81.088%		
x		93.634%	93.511%	93.651%	93.791%	93.754%	78.822%		
σ		n/a	n/a	n/a	n/a	n/a	2.085%		
%RSD		1.204	1.240	1.148	1.680	1.536	2.645		

CCB4 12/21/2012 6:36:08 PM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:36:51	90.477%	-0.018	0.872	0.789	0.000	1.632	2.076	2.397
2	18:37:35	88.238%	-0.032	0.771	0.712	0.000	1.427	2.215	2.305
3	18:38:17	86.795%	-0.027	0.626	0.642	0.000	1.131	1.800	2.155
X		88.503%	-0.026	0.756	0.714	0.000	1.397	2.030	2.286
σ		1.855%	0.007	0.124	0.074	0.000	0.252	0.211	0.122
%RSD		2.096	27.570	16.350	10.330	0.000	18.020	10.390	5.351
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:36:51	0.662	-1.412	0.000	-6.107	-5.678	0.892	105.693%	-0.066
2	18:37:35	0.634	1.438	0.000	-7.126	-1.299	0.057	105.293%	-0.022
3	18:38:17	0.624	-1.284	0.000	-7.308	-3.929	-1.947	104.376%	-0.032
X		0.640	-0.419	0.000	-6.847	-3.635	-0.332	105.120%	-0.040
σ		0.020	1.609	0.000	0.647	2.204	1.459	0.675%	0.023
%RSD		3.091	383.800	0.000	9.455	60.640	439.000	0.642	57.080
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:36:51	0.018	-0.019	0.483	1.380	10.390	-0.005	-0.029	-0.024
2	18:37:35	0.014	-0.034	0.444	-1.051	8.794	-0.007	-0.027	-0.015
3	18:38:17	0.008	-0.004	0.443	-3.366	5.796	-0.010	-0.011	-0.024
X		0.013	-0.019	0.457	-1.012	8.327	-0.007	-0.022	-0.021
σ		0.005	0.015	0.023	2.374	2.332	0.002	0.010	0.005
%RSD		39.750	77.590	5.025	234.500	28.010	29.810	43.780	25.110
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:36:51	-0.013	-0.173	-0.185	-0.057	-0.051	-0.245	0.000	0.010
2	18:37:35	-0.010	-0.068	-0.307	-0.066	-0.246	-0.199	0.000	0.016
3	18:38:17	-0.001	-0.095	-0.335	-0.100	-0.195	-0.493	0.000	0.009
X		-0.008	-0.112	-0.275	-0.074	-0.164	-0.312	0.000	0.011
σ		0.007	0.054	0.080	0.022	0.101	0.159	0.000	0.004
%RSD		82.670	48.590	29.000	29.810	61.490	50.760	0.000	32.580
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:36:51	88.431%	0.219	0.228	89.489%	-0.011	-0.000	0.051	0.054
2	18:37:35	89.029%	0.196	0.176	89.956%	-0.004	0.000	-0.088	-0.049
3	18:38:17	90.459%	0.187	0.168	90.481%	-0.008	0.001	-0.050	-0.017
X		89.306%	0.200	0.191	89.975%	-0.008	0.000	-0.029	-0.004
σ		1.042%	0.016	0.033	0.496%	0.003	0.001	0.072	0.053
%RSD		1.167	8.172	17.190	0.551	42.710	315.800	248.900	1323.000
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:36:51	83.979%	-0.081	-0.060	-0.033	0.007	0.017	86.287%	86.324%
2	18:37:35	86.081%	-0.151	-0.046	-0.050	0.010	0.014	89.088%	88.703%
3	18:38:17	87.381%	-0.140	-0.045	-0.044	0.009	0.003	90.557%	91.075%
X		85.814%	-0.124	-0.051	-0.042	0.009	0.012	88.644%	88.701%
σ		1.717%	0.037	0.009	0.008	0.002	0.008	2.169%	2.376%
%RSD		2.001	30.120	16.880	19.660	17.970	65.410	2.447	2.678
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	18:36:51	0.042	0.050	0.074	0.079	0.077	97.049%		
2	18:37:35	0.060	0.048	0.073	0.067	0.065	98.761%		
3	18:38:17	0.048	0.050	0.055	0.065	0.055	100.938%		
X		0.050	0.050	0.068	0.071	0.066	98.916%		
σ		0.009	0.001	0.011	0.008	0.011	1.949%		
%RSD		18.660	2.224	15.600	10.870	16.700	1.970		

240-17525-Q-1-A PDS 12/21/2012 6:40:29 PM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:41:12	66.952%	54.290	882.800	889.500	0.000	49510.000	91630.000	92740.000
2	18:41:55	65.881%	54.130	900.500	895.900	0.000	47510.000	87570.000	90340.000
3	18:42:38	65.326%	54.800	921.600	896.000	0.000	47290.000	89110.000	90970.000
X		66.053%	54.410	901.600	893.800	0.000	48100.000	89440.000	91350.000
σ		0.827%	0.351	19.410	3.717	0.000	1224.000	2049.000	1244.000
%RSD		1.252	0.645	2.153	0.416	0.000	2.544	2.291	1.361
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:41:12	166400.000	12730.000	0.000	67960.000	109300.000	115100.000	74.790%	1683.000
2	18:41:55	162700.000	12410.000	0.000	64280.000	104200.000	109300.000	76.955%	1626.000
3	18:42:38	161600.000	12320.000	0.000	64040.000	104400.000	109900.000	76.045%	1611.000
X		163600.000	12480.000	0.000	65430.000	106000.000	111400.000	75.930%	1640.000
σ		2541.000	214.300	0.000	2194.000	2899.000	3219.000	1.087%	38.040
%RSD		1.553	1.717	0.000	3.353	2.736	2.889	1.432	2.319
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:41:12	795.400	475.500	5558.000	291100.000	299800.000	640.000	775.500	441.700
2	18:41:55	763.600	459.100	5393.000	282800.000	290600.000	622.600	760.200	434.800
3	18:42:38	759.100	461.300	5461.000	285800.000	292800.000	618.400	761.200	440.600
X		772.700	465.300	5470.000	286600.000	294400.000	627.000	765.700	439.000
σ		19.800	8.942	83.110	4212.000	4786.000	11.460	8.575	3.719
%RSD		2.562	1.922	1.519	1.470	1.626	1.828	1.120	0.847
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:41:12	440.800	1338.000	1345.000	154.300	13.830	17.180	0.000	1192.000
2	18:41:55	431.100	1311.000	1320.000	150.700	13.350	16.850	0.000	1187.000
3	18:42:38	438.000	1329.000	1343.000	153.500	12.980	16.520	0.000	1204.000
X		436.600	1326.000	1336.000	152.800	13.390	16.850	0.000	1194.000
σ		4.974	13.570	13.530	1.893	0.427	0.334	0.000	8.871
%RSD		1.139	1.023	1.013	1.239	3.187	1.982	0.000	0.743
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:41:12	0.000	976.500	976.300	69.352%	43.110	43.810	45.640	37.480
2	18:41:55	0.000	996.900	986.100	69.434%	43.730	44.360	47.090	38.910
3	18:42:38	0.000	1009.000	1005.000	69.249%	44.520	44.160	46.870	39.210
X		0.000	994.100	989.000	69.345%	43.790	44.110	46.530	38.530
σ		0.000	16.380	14.330	0.093%	0.708	0.280	0.783	0.925
%RSD		0.000	1.647	1.449	0.133	1.616	0.634	1.683	2.401
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:41:12	70.451%	1973.000	428.200	429.000	2585.000	2555.000	76.226%	75.076%
2	18:41:55	71.224%	1973.000	434.600	434.800	2591.000	2586.000	78.234%	77.204%
3	18:42:38	71.499%	1995.000	438.400	439.000	2609.000	2594.000	78.851%	77.236%
X		71.058%	1980.000	433.700	434.300	2595.000	2578.000	77.771%	76.505%
σ		0.543%	12.420	5.132	5.019	12.700	20.900	1.372%	1.238%
%RSD		0.765	0.627	1.183	1.156	0.489	0.811	1.765	1.618
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	18:41:12	44.980	45.150	218.800	216.900	217.400	68.729%		
2	18:41:55	46.020	46.340	223.100	220.700	221.100	69.553%		
3	18:42:38	46.610	47.030	224.700	221.900	223.300	70.165%		
X		45.870	46.170	222.200	219.800	220.600	69.483%		
σ		0.824	0.951	3.028	2.599	2.962	0.721%		
%RSD		1.795	2.059	1.363	1.182	1.343	1.037		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:48:28	76.850%	7.812	41.740	40.600	0.000	540.100	38980.000	39510.000
2	18:49:11	76.363%	7.997	40.000	41.560	0.000	545.800	39670.000	40450.000
3	18:49:54	77.127%	8.074	39.760	40.960	0.000	553.700	39670.000	40320.000
X		76.780%	7.961	40.500	41.040	0.000	546.500	39440.000	40090.000
σ		0.387%	0.134	1.080	0.484	0.000	6.826	400.300	509.900
%RSD		0.504	1.688	2.667	1.180	0.000	1.249	1.015	1.272
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:48:28	135900.000	3402.000	0.000	12300.000	48720.000	51770.000	95.194%	677.100
2	18:49:11	138200.000	3468.000	0.000	12540.000	49790.000	52680.000	94.353%	679.900
3	18:49:54	138100.000	3467.000	0.000	12670.000	50920.000	54000.000	92.751%	698.700
X		137400.000	3446.000	0.000	12500.000	49810.000	52820.000	94.099%	685.200
σ		1297.000	37.640	0.000	187.800	1103.000	1121.000	1.241%	11.780
%RSD		0.944	1.092	0.000	1.502	2.214	2.122	1.319	1.719
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:48:28	209.000	196.500	4977.000	249300.000	257900.000	117.100	253.600	313.900
2	18:49:11	213.100	198.900	5024.000	252500.000	260300.000	117.300	252.100	314.600
3	18:49:54	221.500	206.900	5173.000	259900.000	270500.000	122.700	265.500	326.600
X		214.500	200.700	5058.000	253900.000	262900.000	119.000	257.100	318.300
σ		6.374	5.450	102.200	5413.000	6711.000	3.187	7.312	7.127
%RSD		2.971	2.715	2.021	2.132	2.553	2.678	2.845	2.239
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:48:28	312.800	807.800	815.900	103.700	4.142	7.080	0.000	153.400
2	18:49:11	316.900	819.200	833.900	105.600	3.829	7.339	0.000	155.900
3	18:49:54	328.000	843.500	857.000	108.900	4.490	8.091	0.000	160.400
X		319.200	823.500	835.600	106.000	4.154	7.503	0.000	156.600
σ		7.896	18.210	20.590	2.634	0.330	0.525	0.000	3.512
%RSD		2.473	2.212	2.464	2.483	7.954	7.004	0.000	2.243
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:48:28	0.000	18.820	18.470	75.824%	0.367	0.255	2.886	2.380
2	18:49:11	0.000	18.330	18.310	76.488%	0.359	0.261	2.750	2.541
3	18:49:54	0.000	18.200	18.260	75.743%	0.396	0.255	2.992	2.645
X		0.000	18.450	18.350	76.018%	0.374	0.257	2.876	2.522
σ		0.000	0.329	0.108	0.409%	0.019	0.003	0.122	0.133
%RSD		0.000	1.781	0.591	0.537	5.141	1.242	4.228	5.282
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:48:28	75.938%	16.130	1.732	1.760	774.000	762.000	80.141%	78.980%
2	18:49:11	76.758%	14.160	1.681	1.636	780.900	778.700	81.755%	80.089%
3	18:49:54	76.314%	13.400	1.626	1.708	804.100	800.400	81.433%	80.059%
X		76.337%	14.560	1.679	1.701	786.300	780.400	81.110%	79.709%
σ		0.411%	1.408	0.053	0.063	15.730	19.270	0.854%	0.632%
%RSD		0.538	9.669	3.147	3.675	2.000	2.469	1.053	0.793
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	18:48:28	1.925	1.926	199.300	197.600	198.300	71.967%		
2	18:49:11	1.874	1.907	203.100	201.400	201.800	72.711%		
3	18:49:54	1.935	1.971	209.800	208.200	208.700	71.962%		
X		1.911	1.935	204.000	202.400	202.900	72.213%		
σ		0.032	0.033	5.316	5.363	5.285	0.431%		
%RSD		1.696	1.682	2.605	2.650	2.604	0.597		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:52:47	77.648%	7.418	32.560	31.900	0.000	546.600	31920.000	32550.000
2	18:53:30	77.509%	7.486	32.270	32.970	0.000	561.400	33630.000	34620.000
3	18:54:13	76.104%	7.385	32.060	31.830	0.000	542.600	32470.000	33090.000
X		77.087%	7.429	32.300	32.230	0.000	550.200	32680.000	33420.000
σ		0.854%	0.052	0.254	0.637	0.000	9.873	874.200	1072.000
%RSD		1.108	0.695	0.787	1.975	0.000	1.794	2.676	3.209
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:52:47	124400.000	3981.000	0.000	9486.000	81890.000	86660.000	92.793%	643.600
2	18:53:30	131800.000	4170.000	0.000	10360.000	90420.000	96570.000	82.377%	720.900
3	18:54:13	125100.000	3996.000	0.000	9561.000	83650.000	88150.000	90.938%	645.900
X		127100.000	4049.000	0.000	9802.000	85320.000	90460.000	88.703%	670.100
σ		4108.000	104.900	0.000	483.900	4500.000	5344.000	5.556%	43.980
%RSD		3.233	2.591	0.000	4.936	5.275	5.908	6.263	6.563
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:52:47	208.900	190.900	6509.000	228000.000	234600.000	93.150	188.200	130.500
2	18:53:30	229.600	210.900	7140.000	250800.000	257800.000	101.300	202.400	141.400
3	18:54:13	209.000	191.700	6583.000	228800.000	235200.000	93.060	190.200	132.800
X		215.800	197.800	6744.000	235900.000	242500.000	95.830	193.600	134.900
σ		11.910	11.330	344.800	12970.000	13200.000	4.725	7.652	5.780
%RSD		5.518	5.729	5.113	5.498	5.444	4.930	3.953	4.285
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:52:47	131.900	475.100	478.800	100.300	4.893	8.131	0.000	222.700
2	18:53:30	142.500	510.500	513.800	105.900	5.286	9.112	0.000	231.500
3	18:54:13	131.800	478.800	489.600	99.940	5.028	7.985	0.000	227.900
X		135.400	488.100	494.100	102.000	5.069	8.409	0.000	227.400
σ		6.133	19.480	17.920	3.326	0.200	0.613	0.000	4.400
%RSD		4.531	3.991	3.626	3.260	3.942	7.292	0.000	1.935
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:52:47	0.000	16.020	16.140	75.080%	0.355	0.327	2.222	1.962
2	18:53:30	0.000	16.240	16.340	75.920%	0.368	0.325	2.181	1.872
3	18:54:13	0.000	16.170	16.170	76.129%	0.394	0.354	2.165	1.846
X		0.000	16.150	16.220	75.710%	0.372	0.335	2.189	1.893
σ		0.000	0.113	0.109	0.555%	0.020	0.016	0.030	0.061
%RSD		0.000	0.699	0.671	0.733	5.400	4.837	1.361	3.220
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:52:47	75.181%	11.290	1.899	1.888	777.300	762.800	78.241%	77.159%
2	18:53:30	76.528%	11.390	1.880	1.968	777.300	771.100	80.034%	79.273%
3	18:54:13	76.715%	11.070	1.862	1.849	781.500	773.300	81.034%	79.880%
X		76.141%	11.250	1.880	1.902	778.700	769.100	79.770%	78.771%
σ		0.837%	0.164	0.019	0.061	2.397	5.540	1.415%	1.428%
%RSD		1.099	1.457	0.990	3.199	0.308	0.720	1.774	1.813
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	18:52:47	1.778	1.751	219.300	217.400	218.300	70.852%		
2	18:53:30	1.730	1.732	221.100	217.300	219.500	73.083%		
3	18:54:13	1.795	1.756	221.700	217.900	218.900	74.327%		
X		1.768	1.746	220.700	217.500	218.900	72.754%		
σ		0.034	0.013	1.238	0.301	0.589	1.761%		
%RSD		1.916	0.733	0.561	0.139	0.269	2.420		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:57:07	67.460%	10.420	59.970	60.190	0.000	1120.000	59060.000	60740.000
2	18:57:50	65.381%	10.180	61.740	61.950	0.000	1101.000	57650.000	59810.000
3	18:58:33	65.018%	10.370	58.540	60.710	0.000	1108.000	57800.000	60320.000
X		65.953%	10.320	60.080	60.950	0.000	1109.000	58170.000	60290.000
σ		1.318%	0.125	1.602	0.904	0.000	9.572	772.400	467.100
%RSD		1.998	1.206	2.666	1.484	0.000	0.863	1.328	0.775
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:57:07	174900.000	3491.000	0.000	18680.000	298000.000	316400.000	73.264%	836.500
2	18:57:50	175100.000	3451.000	0.000	18590.000	297300.000	317100.000	71.550%	838.500
3	18:58:33	172200.000	3372.000	0.000	18420.000	298500.000	316700.000	69.189%	834.400
X		174100.000	3438.000	0.000	18560.000	297900.000	316700.000	71.334%	836.500
σ		1605.000	60.300	0.000	128.700	607.400	348.800	2.046%	2.043
%RSD		0.922	1.754	0.000	0.694	0.204	0.110	2.868	0.244
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:57:07	268.700	271.600	6986.000	302800.000	314200.000	138.600	326.700	213.200
2	18:57:50	269.600	274.900	7057.000	305000.000	315600.000	139.500	325.500	214.800
3	18:58:33	270.800	275.700	7127.000	307000.000	317900.000	139.500	329.800	216.300
X		269.700	274.100	7057.000	304900.000	315900.000	139.200	327.300	214.800
σ		1.025	2.176	70.820	2069.000	1878.000	0.502	2.196	1.570
%RSD		0.380	0.794	1.004	0.679	0.595	0.361	0.671	0.731
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:57:07	212.200	797.800	801.200	122.900	5.519	9.080	0.000	725.900
2	18:57:50	214.900	803.500	809.900	123.000	5.231	9.364	0.000	731.800
3	18:58:33	216.500	810.800	822.900	124.500	5.604	9.872	0.000	736.400
X		214.500	804.100	811.300	123.500	5.451	9.439	0.000	731.400
σ		2.173	6.523	10.910	0.906	0.195	0.401	0.000	5.299
%RSD		1.013	0.811	1.345	0.734	3.579	4.252	0.000	0.725
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:57:07	0.000	17.440	17.480	67.188%	0.548	0.481	4.296	3.741
2	18:57:50	0.000	17.440	17.980	66.985%	0.568	0.456	4.034	3.556
3	18:58:33	0.000	17.610	17.840	66.906%	0.588	0.483	3.787	3.363
X		0.000	17.500	17.770	67.026%	0.568	0.473	4.039	3.553
σ		0.000	0.098	0.258	0.145%	0.020	0.015	0.255	0.189
%RSD		0.000	0.562	1.450	0.217	3.565	3.217	6.302	5.323
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:57:07	68.642%	12.920	1.650	1.693	1300.000	1287.000	75.528%	74.372%
2	18:57:50	69.473%	12.790	1.725	1.661	1308.000	1292.000	77.581%	76.248%
3	18:58:33	69.943%	12.880	1.631	1.682	1300.000	1288.000	77.859%	76.739%
X		69.353%	12.860	1.669	1.678	1302.000	1289.000	76.989%	75.786%
σ		0.659%	0.064	0.050	0.016	4.540	2.482	1.273%	1.249%
%RSD		0.950	0.499	2.991	0.949	0.349	0.193	1.654	1.648
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	18:57:07	2.092	2.092	357.300	353.400	355.200	66.808%		
2	18:57:50	2.153	2.084	361.300	356.500	358.400	68.517%		
3	18:58:33	2.082	2.098	359.800	357.800	358.800	69.235%		
X		2.109	2.091	359.500	355.900	357.500	68.187%		
σ		0.039	0.007	2.048	2.277	1.980	1.247%		
%RSD		1.826	0.348	0.570	0.640	0.554	1.829		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:01:28	76.883%	5.845	28.240	28.460	0.000	344.500	33160.000	33910.000
2	19:02:11	77.156%	5.366	27.630	27.570	0.000	374.100	34440.000	35370.000
3	19:02:54	76.249%	5.614	26.910	27.230	0.000	350.400	33050.000	33980.000
X		76.763%	5.608	27.600	27.750	0.000	356.400	33550.000	34420.000
σ		0.465%	0.240	0.666	0.636	0.000	15.670	774.900	822.500
%RSD		0.606	4.273	2.412	2.292	0.000	4.396	2.310	2.389
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:01:28	98100.000	2107.000	0.000	9811.000	48880.000	51710.000	91.118%	608.300
2	19:02:11	103000.000	2243.000	0.000	10590.000	54370.000	57940.000	81.638%	672.900
3	19:02:54	96440.000	2090.000	0.000	9667.000	49160.000	52560.000	90.428%	609.700
X		99170.000	2147.000	0.000	10020.000	50800.000	54070.000	87.728%	630.300
σ		3392.000	83.690	0.000	497.400	3094.000	3380.000	5.285%	36.930
%RSD		3.421	3.898	0.000	4.962	6.089	6.251	6.025	5.860
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:01:28	180.700	211.600	6386.000	260800.000	267900.000	86.520	282.800	190.000
2	19:02:11	201.600	236.400	6949.000	282400.000	289700.000	94.440	303.000	204.400
3	19:02:54	182.900	213.100	6423.000	262100.000	270400.000	87.940	283.500	189.800
X		188.400	220.400	6586.000	268400.000	276000.000	89.630	289.800	194.800
σ		11.510	13.900	315.100	12140.000	11940.000	4.222	11.480	8.380
%RSD		6.108	6.307	4.784	4.521	4.326	4.710	3.963	4.303
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:01:28	188.300	735.500	744.800	146.700	4.100	6.975	0.000	122.700
2	19:02:11	204.200	794.600	798.500	155.900	4.269	7.451	0.000	127.100
3	19:02:54	190.200	740.000	748.800	148.000	4.029	5.888	0.000	123.800
X		194.300	756.700	764.100	150.200	4.132	6.771	0.000	124.600
σ		8.685	32.890	29.920	4.956	0.123	0.801	0.000	2.315
%RSD		4.471	4.346	3.916	3.300	2.987	11.830	0.000	1.859
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:01:28	0.000	15.710	15.850	76.038%	0.325	0.335	2.380	2.273
2	19:02:11	0.000	16.280	16.380	76.648%	0.322	0.321	2.322	2.186
3	19:02:54	0.000	16.050	16.040	77.001%	0.348	0.328	2.278	2.256
X		0.000	16.020	16.090	76.562%	0.331	0.328	2.327	2.238
σ		0.000	0.284	0.272	0.487%	0.014	0.007	0.051	0.046
%RSD		0.000	1.773	1.692	0.637	4.288	2.261	2.210	2.054
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:01:28	75.100%	9.190	2.471	2.409	595.700	587.800	81.332%	80.011%
2	19:02:11	76.968%	9.152	2.409	2.588	593.400	589.300	83.425%	81.820%
3	19:02:54	77.388%	9.103	2.354	2.499	596.500	592.700	83.773%	82.844%
X		76.485%	9.148	2.411	2.499	595.200	589.900	82.843%	81.558%
σ		1.218%	0.044	0.058	0.090	1.598	2.500	1.320%	1.435%
%RSD		1.592	0.479	2.421	3.588	0.268	0.424	1.594	1.759
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	19:01:28	1.565	1.619	267.900	267.500	267.100	73.088%		
2	19:02:11	1.575	1.636	269.000	270.500	269.100	74.507%		
3	19:02:54	1.553	1.639	269.000	270.300	269.200	75.950%		
X		1.564	1.632	268.600	269.400	268.400	74.515%		
σ		0.011	0.011	0.616	1.687	1.202	1.431%		
%RSD		0.718	0.658	0.229	0.626	0.448	1.921		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:05:46	83.598%	1.052	6.842	6.918	0.000	71.730	6731.000	6921.000
2	19:06:29	81.132%	1.264	6.862	6.775	0.000	69.810	6650.000	6887.000
3	19:07:12	81.129%	1.184	6.230	6.752	0.000	69.480	6562.000	6887.000
X		81.953%	1.167	6.645	6.815	0.000	70.340	6647.000	6898.000
σ		1.425%	0.107	0.359	0.090	0.000	1.215	84.590	19.780
%RSD		1.738	9.170	5.410	1.317	0.000	1.727	1.273	0.287
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:05:46	20060.000	406.000	0.000	1991.000	10050.000	9529.000	99.034%	122.500
2	19:06:29	20360.000	407.700	0.000	1982.000	9958.000	9537.000	97.578%	121.000
3	19:07:12	20170.000	406.100	0.000	1971.000	9988.000	9408.000	96.487%	122.300
X		20190.000	406.600	0.000	1982.000	9999.000	9491.000	97.700%	121.900
σ		151.000	0.983	0.000	9.913	47.780	72.080	1.278%	0.813
%RSD		0.748	0.242	0.000	0.500	0.478	0.759	1.308	0.667
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:05:46	36.680	42.710	1278.000	55230.000	53990.000	16.910	56.100	37.980
2	19:06:29	36.180	42.420	1284.000	54950.000	54190.000	17.060	56.040	38.570
3	19:07:12	35.910	42.240	1300.000	55000.000	53640.000	16.970	55.980	38.880
X		36.260	42.450	1287.000	55060.000	53940.000	16.980	56.040	38.480
σ		0.392	0.236	10.920	149.400	280.200	0.076	0.058	0.454
%RSD		1.081	0.557	0.848	0.271	0.519	0.447	0.103	1.180
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:05:46	38.510	157.200	158.400	29.810	0.399	0.479	0.000	22.120
2	19:06:29	38.440	158.000	159.800	30.320	0.271	0.249	0.000	22.110
3	19:07:12	38.310	159.500	159.900	30.320	0.604	0.341	0.000	22.070
X		38.420	158.200	159.400	30.150	0.425	0.356	0.000	22.100
σ		0.105	1.173	0.835	0.295	0.168	0.116	0.000	0.028
%RSD		0.272	0.741	0.524	0.980	39.610	32.510	0.000	0.129
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:05:46	97.423%	2.898	2.989	88.570%	0.042	0.041	0.486	0.466
2	19:06:29	98.912%	2.983	2.937	89.138%	0.038	0.066	0.398	0.458
3	19:07:12	98.806%	2.984	3.008	89.345%	0.058	0.046	0.487	0.409
X		98.380%	2.955	2.978	89.017%	0.046	0.051	0.457	0.444
σ		0.831%	0.049	0.037	0.401%	0.011	0.013	0.051	0.031
%RSD		0.845	1.669	1.230	0.451	23.530	26.570	11.120	6.957
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:05:46	84.239%	1.552	0.464	0.455	120.600	120.400	86.560%	86.274%
2	19:06:29	86.775%	1.504	0.502	0.443	120.300	120.800	89.778%	89.937%
3	19:07:12	87.123%	1.539	0.475	0.484	120.800	121.000	90.778%	90.834%
X		86.046%	1.532	0.481	0.461	120.600	120.700	89.039%	89.015%
σ		1.574%	0.025	0.020	0.021	0.236	0.300	2.204%	2.416%
%RSD		1.830	1.616	4.070	4.621	0.196	0.248	2.475	2.714
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	19:05:46	0.340	0.317	50.370	50.170	50.070	89.847%		
2	19:06:29	0.317	0.331	51.700	51.500	51.140	91.580%		
3	19:07:12	0.294	0.332	51.210	50.730	50.630	93.079%		
X		0.317	0.327	51.090	50.800	50.610	91.502%		
σ		0.023	0.008	0.676	0.667	0.534	1.618%		
%RSD		7.253	2.530	1.323	1.312	1.055	1.768		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:10:04	77.107%	5.640	28.190	27.940	0.000	498.400	38910.000	39690.000
2	19:10:47	74.990%	5.579	28.430	28.280	0.000	461.400	36180.000	37150.000
3	19:11:30	72.119%	5.974	29.190	29.200	0.000	463.300	36610.000	38310.000
X		74.739%	5.731	28.600	28.470	0.000	474.400	37230.000	38380.000
σ		2.504%	0.212	0.519	0.651	0.000	20.810	1470.000	1271.000
%RSD		3.350	3.708	1.815	2.286	0.000	4.386	3.947	3.312
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:10:04	110600.000	1729.000	0.000	11370.000	66750.000	71660.000	82.030%	739.100
2	19:10:47	102900.000	1603.000	0.000	10320.000	61020.000	64850.000	89.274%	665.800
3	19:11:30	105700.000	1625.000	0.000	10400.000	60780.000	64760.000	89.758%	676.600
X		106400.000	1653.000	0.000	10700.000	62850.000	67090.000	87.020%	693.800
σ		3867.000	67.400	0.000	587.300	3382.000	3957.000	4.329%	39.610
%RSD		3.634	4.078	0.000	5.490	5.382	5.897	4.975	5.710
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:10:04	192.800	264.100	6625.000	250100.000	257200.000	95.210	332.800	203.200
2	19:10:47	183.300	244.400	6121.000	231100.000	239100.000	88.600	308.000	192.700
3	19:11:30	180.400	242.500	6157.000	232900.000	237300.000	88.750	312.500	193.900
X		185.500	250.300	6301.000	238000.000	244500.000	90.850	317.800	196.600
σ		6.495	11.970	281.200	10470.000	10980.000	3.771	13.250	5.739
%RSD		3.501	4.783	4.462	4.400	4.490	4.151	4.168	2.919
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:10:04	205.000	832.900	839.500	146.900	4.478	7.615	0.000	148.200
2	19:10:47	194.100	798.000	805.600	142.200	4.236	6.797	0.000	146.700
3	19:11:30	194.400	794.700	806.500	141.500	4.099	7.026	0.000	147.800
X		197.800	808.500	817.200	143.500	4.271	7.146	0.000	147.500
σ		6.219	21.200	19.280	2.936	0.192	0.422	0.000	0.777
%RSD		3.144	2.622	2.359	2.046	4.486	5.903	0.000	0.527
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:10:04	0.000	14.300	14.160	76.509%	0.355	0.321	2.353	2.194
2	19:10:47	0.000	14.180	14.270	77.008%	0.354	0.327	2.461	2.206
3	19:11:30	0.000	14.320	14.310	76.510%	0.342	0.334	2.573	2.340
X		0.000	14.270	14.250	76.676%	0.350	0.327	2.462	2.247
σ		0.000	0.078	0.077	0.288%	0.007	0.007	0.110	0.081
%RSD		0.000	0.548	0.539	0.375	1.986	2.064	4.477	3.616
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:10:04	75.612%	16.620	1.673	1.672	603.300	603.900	80.590%	79.171%
2	19:10:47	77.035%	16.650	1.640	1.741	611.800	608.200	82.781%	81.455%
3	19:11:30	77.517%	16.920	1.749	1.789	610.200	610.400	83.963%	82.287%
X		76.721%	16.730	1.687	1.734	608.500	607.500	82.444%	80.971%
σ		0.991%	0.167	0.056	0.059	4.541	3.293	1.712%	1.613%
%RSD		1.291	0.998	3.299	3.406	0.746	0.542	2.076	1.992
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	19:10:04	1.566	1.521	290.300	292.200	290.900	74.047%		
2	19:10:47	1.549	1.572	294.200	297.900	295.400	76.576%		
3	19:11:30	1.574	1.562	298.600	297.000	296.800	77.115%		
X		1.563	1.552	294.400	295.700	294.400	75.913%		
σ		0.013	0.027	4.162	3.041	3.105	1.638%		
%RSD		0.806	1.757	1.414	1.028	1.055	2.157		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:14:21	70.869%	91.590	112.800	111.100	0.000	9577.000	47480.000	48870.000
2	19:15:04	70.929%	89.250	109.300	110.900	0.000	9151.000	45260.000	46190.000
3	19:15:47	71.379%	87.400	107.900	110.600	0.000	9239.000	46220.000	47750.000
X		71.059%	89.410	110.000	110.900	0.000	9322.000	46320.000	47600.000
σ		0.278%	2.102	2.512	0.247	0.000	224.700	1113.000	1343.000
%RSD		0.392	2.351	2.284	0.223	0.000	2.410	2.402	2.821
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:14:21	138100.000	2775.000	0.000	22810.000	68190.000	72030.000	82.065%	953.100
2	19:15:04	129100.000	2532.000	0.000	20970.000	61520.000	64760.000	90.696%	848.200
3	19:15:47	135300.000	2688.000	0.000	22910.000	69140.000	73320.000	80.142%	954.100
X		134100.000	2665.000	0.000	22230.000	66290.000	70040.000	84.301%	918.400
σ		4615.000	123.300	0.000	1096.000	4155.000	4614.000	5.621%	60.850
%RSD		3.440	4.627	0.000	4.930	6.268	6.588	6.668	6.626
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:14:21	316.000	343.100	6689.000	270500.000	278300.000	182.900	394.400	528.900
2	19:15:04	282.700	310.900	6130.000	248900.000	254800.000	167.300	363.400	492.300
3	19:15:47	318.900	350.400	6697.000	269700.000	280700.000	182.400	392.400	524.600
X		305.900	334.800	6506.000	263000.000	271300.000	177.600	383.400	515.300
σ		20.130	21.040	325.300	12220.000	14350.000	8.861	17.380	19.980
%RSD		6.581	6.283	5.001	4.644	5.289	4.990	4.533	3.878
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:14:21	520.800	853.300	861.400	228.900	74.000	78.070	0.000	230.300
2	19:15:04	489.800	809.600	819.200	220.000	71.820	76.220	0.000	228.200
3	19:15:47	523.200	869.900	877.400	234.500	76.550	82.030	0.000	236.200
X		511.300	844.300	852.700	227.800	74.120	78.770	0.000	231.600
σ		18.630	31.170	30.090	7.290	2.365	2.969	0.000	4.172
%RSD		3.645	3.692	3.529	3.200	3.191	3.769	0.000	1.801
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:14:21	0.000	94.580	94.280	75.052%	80.680	81.410	81.280	81.130
2	19:15:04	0.000	95.130	94.600	75.461%	81.690	82.140	81.650	81.580
3	19:15:47	0.000	96.580	96.420	75.007%	82.120	82.840	82.470	82.310
X		0.000	95.430	95.100	75.173%	81.500	82.130	81.800	81.670
σ		0.000	1.034	1.154	0.250%	0.738	0.714	0.609	0.595
%RSD		0.000	1.083	1.214	0.332	0.906	0.869	0.744	0.729
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:14:21	75.224%	83.370	23.220	22.920	713.200	705.700	80.159%	78.641%
2	19:15:04	76.219%	83.350	23.310	23.680	716.900	711.100	82.301%	80.819%
3	19:15:47	76.192%	84.360	23.620	23.330	712.900	706.400	83.473%	81.807%
X		75.879%	83.690	23.380	23.310	714.300	707.700	81.978%	80.422%
σ		0.567%	0.577	0.209	0.384	2.208	2.927	1.680%	1.620%
%RSD		0.747	0.689	0.893	1.646	0.309	0.414	2.050	2.014
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	19:14:21	84.070	84.380	364.400	368.200	367.800	69.090%		
2	19:15:04	85.410	85.910	370.500	375.600	372.600	71.227%		
3	19:15:47	85.740	86.230	370.000	375.500	372.600	71.918%		
X		85.070	85.510	368.300	373.100	371.000	70.745%		
σ		0.885	0.987	3.375	4.206	2.790	1.474%		
%RSD		1.040	1.154	0.916	1.127	0.752	2.084		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:18:39	72.740%	47.360	833.300	846.700	0.000	45780.000	77730.000	78750.000
2	19:19:22	69.434%	49.260	878.500	868.600	0.000	46380.000	78990.000	80460.000
3	19:20:05	69.044%	48.910	857.900	857.300	0.000	45930.000	77590.000	80710.000
X		70.406%	48.510	856.600	857.500	0.000	46030.000	78100.000	79970.000
σ		2.031%	1.014	22.600	10.980	0.000	314.900	768.500	1067.000
%RSD		2.885	2.090	2.638	1.280	0.000	0.684	0.984	1.334
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:18:39	101100.000	11960.000	0.000	56980.000	97990.000	104500.000	78.051%	1603.000
2	19:19:22	103000.000	12060.000	0.000	58490.000	101100.000	106800.000	74.599%	1645.000
3	19:20:05	103900.000	12000.000	0.000	57990.000	99050.000	105100.000	74.501%	1633.000
X		102700.000	12010.000	0.000	57820.000	99360.000	105500.000	75.717%	1627.000
σ		1469.000	52.330	0.000	764.500	1556.000	1164.000	2.022%	21.630
%RSD		1.431	0.436	0.000	1.322	1.566	1.103	2.671	1.330
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:18:39	715.900	409.100	7181.000	275000.000	283000.000	575.600	722.400	408.900
2	19:19:22	741.800	420.400	7374.000	281900.000	291200.000	593.100	745.600	420.700
3	19:20:05	715.800	412.800	7360.000	280000.000	289600.000	582.500	740.400	417.400
X		724.500	414.100	7305.000	279000.000	287900.000	583.700	736.200	415.700
σ		14.960	5.745	107.700	3536.000	4336.000	8.832	12.150	6.110
%RSD		2.064	1.387	1.474	1.268	1.506	1.513	1.650	1.470
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:18:39	406.800	1150.000	1161.000	183.200	12.790	15.660	0.000	1116.000
2	19:19:22	418.100	1186.000	1193.000	184.700	12.820	16.330	0.000	1138.000
3	19:20:05	420.300	1179.000	1189.000	187.100	12.760	15.950	0.000	1142.000
X		415.100	1172.000	1181.000	185.000	12.790	15.980	0.000	1132.000
σ		7.247	19.470	17.480	1.974	0.027	0.340	0.000	14.020
%RSD		1.746	1.662	1.480	1.067	0.208	2.124	0.000	1.239
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:18:39	0.000	948.400	942.400	70.146%	43.210	43.740	44.520	36.290
2	19:19:22	0.000	967.000	970.200	69.833%	43.940	43.980	44.360	37.210
3	19:20:05	0.000	976.600	978.800	69.222%	43.980	44.570	44.300	37.520
X		0.000	964.000	963.800	69.734%	43.710	44.100	44.390	37.010
σ		0.000	14.320	19.060	0.470%	0.434	0.428	0.111	0.638
%RSD		0.000	1.485	1.978	0.674	0.993	0.971	0.251	1.725
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:18:39	69.769%	1957.000	417.800	417.000	2305.000	2284.000	76.610%	75.466%
2	19:19:22	70.675%	1963.000	422.500	418.900	2322.000	2307.000	78.282%	77.644%
3	19:20:05	70.266%	1985.000	428.300	427.600	2363.000	2332.000	78.020%	77.364%
X		70.237%	1968.000	422.800	421.200	2330.000	2308.000	77.637%	76.825%
σ		0.454%	14.690	5.241	5.650	30.320	23.790	0.899%	1.185%
%RSD		0.647	0.747	1.239	1.342	1.301	1.031	1.159	1.543
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	19:18:39	45.100	45.410	280.800	280.100	279.600	67.886%		
2	19:19:22	45.980	45.870	281.800	284.600	282.200	69.331%		
3	19:20:05	47.140	47.250	292.500	289.700	291.300	68.974%		
X		46.070	46.180	285.000	284.800	284.400	68.730%		
σ		1.026	0.954	6.511	4.831	6.124	0.752%		
%RSD		2.226	2.066	2.284	1.696	2.153	1.095		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:25:54	77.293%	4.790	26.590	25.750	0.000	376.400	30240.000	31100.000
2	19:26:37	76.810%	4.576	24.540	25.010	0.000	371.300	30150.000	30990.000
3	19:27:20	78.547%	4.760	23.160	24.310	0.000	335.400	28220.000	29460.000
X		77.550%	4.708	24.760	25.020	0.000	361.000	29530.000	30520.000
σ		0.897%	0.116	1.726	0.721	0.000	22.300	1140.000	915.600
%RSD		1.156	2.455	6.972	2.881	0.000	6.177	3.861	3.000
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:25:54	88870.000	1940.000	0.000	8546.000	56120.000	60030.000	81.231%	651.800
2	19:26:37	87100.000	1895.000	0.000	8509.000	56250.000	60440.000	81.146%	646.300
3	19:27:20	84170.000	1813.000	0.000	7901.000	51300.000	54780.000	90.570%	594.000
X		86710.000	1883.000	0.000	8319.000	54560.000	58420.000	84.316%	630.700
σ		2373.000	64.300	0.000	362.100	2822.000	3159.000	5.416%	31.920
%RSD		2.737	3.415	0.000	4.352	5.172	5.408	6.424	5.061
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:25:54	172.400	174.000	5907.000	227800.000	233000.000	86.910	310.800	197.900
2	19:26:37	173.600	176.000	5979.000	228800.000	232300.000	88.500	318.100	201.000
3	19:27:20	158.200	161.000	5540.000	213100.000	218600.000	83.500	298.400	187.800
X		168.100	170.400	5808.000	223200.000	227900.000	86.300	309.100	195.500
σ		8.562	8.131	235.400	8767.000	8112.000	2.553	9.939	6.925
%RSD		5.095	4.773	4.053	3.927	3.559	2.958	3.215	3.542
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:25:54	194.500	694.600	703.600	156.900	3.438	6.787	0.000	135.100
2	19:26:37	200.900	707.600	710.700	158.500	3.476	5.550	0.000	137.000
3	19:27:20	187.300	664.500	674.100	152.400	3.524	5.537	0.000	136.500
X		194.200	688.900	696.100	155.900	3.480	5.958	0.000	136.200
σ		6.788	22.110	19.420	3.201	0.043	0.718	0.000	0.974
%RSD		3.495	3.209	2.789	2.053	1.244	12.050	0.000	0.715
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:25:54	0.000	15.090	14.890	77.277%	0.350	0.298	2.392	2.157
2	19:26:37	0.000	15.010	14.850	77.694%	0.335	0.280	2.294	2.100
3	19:27:20	0.000	14.910	14.670	77.428%	0.320	0.333	2.122	2.009
X		0.000	15.000	14.810	77.466%	0.335	0.304	2.270	2.089
σ		0.000	0.089	0.117	0.211%	0.015	0.027	0.137	0.075
%RSD		0.000	0.594	0.794	0.273	4.472	8.882	6.029	3.572
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:25:54	75.637%	13.160	1.996	1.927	542.300	537.700	80.842%	79.833%
2	19:26:37	77.248%	11.330	1.899	2.015	546.700	542.100	82.829%	82.471%
3	19:27:20	77.064%	10.760	1.900	1.861	547.300	546.000	83.304%	82.263%
X		76.649%	11.750	1.931	1.934	545.400	541.900	82.325%	81.522%
σ		0.882%	1.251	0.056	0.077	2.711	4.171	1.306%	1.466%
%RSD		1.150	10.640	2.888	3.983	0.497	0.770	1.587	1.799
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	19:25:54	1.549	1.558	232.600	233.200	232.300	74.621%		
2	19:26:37	1.500	1.572	236.800	236.000	235.300	76.220%		
3	19:27:20	1.545	1.551	237.600	237.000	237.100	76.514%		
X		1.532	1.560	235.700	235.400	234.900	75.785%		
σ		0.028	0.011	2.682	1.955	2.418	1.019%		
%RSD		1.800	0.683	1.138	0.830	1.029	1.344		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:33:08	76.356%	98.590	96.580	96.910	0.000	49580.000	48480.000	48640.000
2	19:33:51	73.841%	100.200	98.620	96.090	0.000	49020.000	47860.000	48830.000
3	19:34:34	71.026%	103.200	98.910	98.120	0.000	49670.000	48660.000	49960.000
X		73.741%	100.657%	98.035%	97.038%	0.000	98.844%	96.665%	98.294%
σ		2.666%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		3.616	2.297	1.294	1.050	0.000	0.711	0.860	1.449
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:33:08	459.900	5277.000	0.000	48510.000	45600.000	48700.000	90.571%	96.160
2	19:33:51	462.100	5290.000	0.000	48910.000	45370.000	49400.000	86.724%	98.310
3	19:34:34	470.900	5373.000	0.000	49560.000	46640.000	50260.000	85.241%	98.480
X		92.858%	106.263%	0.000	97.981%	91.743%	98.909%	87.512%	97.652%
σ		n/a	n/a	0.000	n/a	n/a	n/a	2.751%	n/a
%RSD		1.249	0.977	0.000	1.077	1.473	1.587	3.144	1.324
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:33:08	91.720	92.080	492.900	24620.000	24490.000	92.010	91.980	93.860
2	19:33:51	94.070	94.600	506.100	25240.000	25120.000	93.020	93.750	95.090
3	19:34:34	93.800	94.320	514.700	25770.000	25680.000	94.910	94.050	96.310
X		93.196%	93.667%	100.908%	100.837%	100.385%	93.313%	93.262%	95.086%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		1.378	1.477	2.176	2.287	2.374	1.573	1.200	1.287
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:33:08	94.230	94.360	94.480	97.210	97.630	97.590	0.000	95.300
2	19:33:51	94.130	95.560	95.850	98.060	99.180	101.200	0.000	95.110
3	19:34:34	96.510	96.980	97.160	98.810	100.400	103.800	0.000	97.100
X		94.959%	95.633%	95.828%	98.027%	99.058%	100.851%	0.000	95.836%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		1.418	1.371	1.394	0.815	1.383	3.091	0.000	1.143
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:33:08	80.600%	94.270	93.110	81.178%	91.200	92.320	93.070	95.030
2	19:33:51	81.225%	96.440	97.000	81.208%	92.710	93.320	94.070	96.280
3	19:34:34	80.712%	99.320	97.930	80.732%	92.630	94.180	95.690	96.770
X		80.846%	96.678%	96.012%	81.039%	92.179%	93.273%	94.280%	96.026%
σ		0.333%	n/a	n/a	0.266%	n/a	n/a	n/a	n/a
%RSD		0.412	2.620	2.665	0.329	0.922	0.995	1.403	0.936
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:33:08	78.961%	93.360	92.880	93.780	94.040	93.260	81.454%	81.266%
2	19:33:51	79.853%	94.650	93.700	93.620	93.390	94.480	83.197%	83.822%
3	19:34:34	79.889%	95.480	94.580	94.600	95.310	94.990	83.282%	84.202%
X		79.568%	94.499%	93.722%	93.998%	94.246%	94.245%	82.644%	83.097%
σ		0.526%	n/a	n/a	n/a	n/a	n/a	1.032%	1.597%
%RSD		0.661	1.130	0.907	0.558	1.040	0.944	1.249	1.922
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	19:33:08	93.020	93.620	93.420	93.660	93.220	76.247%		
2	19:33:51	94.340	94.650	93.920	95.000	94.690	78.136%		
3	19:34:34	96.580	96.470	96.840	96.650	96.850	77.435%		
X		94.646%	94.912%	94.726%	95.104%	94.921%	77.273%		
σ		n/a	n/a	n/a	n/a	n/a	0.955%		
%RSD		1.902	1.522	1.949	1.579	1.927	1.236		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:41:08	90.579%	-0.018	1.581	1.541	0.000	1.723	2.617	2.665
2	19:41:51	87.091%	-0.027	1.638	1.415	0.000	1.849	2.789	3.060
3	19:42:34	87.630%	-0.051	1.438	1.360	0.000	1.208	2.321	2.756
X		88.433%	-0.032	1.552	1.439	0.000	1.593	2.576	2.827
σ		1.878%	0.017	0.103	0.093	0.000	0.340	0.237	0.207
%RSD		2.123	53.420	6.640	6.461	0.000	21.310	9.199	7.310
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:41:08	0.749	-1.319	0.000	-5.859	1.958	0.371	101.755%	-0.011
2	19:41:51	0.787	-0.790	0.000	-5.511	2.913	1.141	98.592%	-0.034
3	19:42:34	0.551	-1.456	0.000	-6.874	-2.980	1.282	100.003%	-0.014
X		0.696	-1.188	0.000	-6.081	0.630	0.931	100.116%	-0.020
σ		0.127	0.352	0.000	0.708	3.163	0.490	1.585%	0.013
%RSD		18.230	29.590	0.000	11.640	501.700	52.650	1.583	64.550
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:41:08	0.009	-0.022	0.548	4.048	10.980	-0.001	-0.027	-0.027
2	19:41:51	0.010	-0.015	0.510	3.057	10.060	-0.008	-0.026	-0.016
3	19:42:34	0.019	0.003	0.495	0.303	6.376	0.001	-0.008	-0.024
X		0.013	-0.011	0.517	2.469	9.137	-0.003	-0.020	-0.022
σ		0.005	0.013	0.027	1.941	2.436	0.005	0.011	0.006
%RSD		40.410	111.700	5.256	78.590	26.660	166.500	51.710	25.250
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:41:08	-0.006	-0.238	-0.236	-0.101	0.045	-0.245	0.000	0.015
2	19:41:51	-0.007	0.018	-0.000	-0.116	-0.275	-0.211	0.000	0.017
3	19:42:34	-0.018	-0.030	-0.142	-0.119	-0.333	-0.239	0.000	0.010
X		-0.010	-0.083	-0.126	-0.112	-0.188	-0.232	0.000	0.014
σ		0.007	0.136	0.119	0.010	0.203	0.018	0.000	0.003
%RSD		63.580	163.500	94.320	8.782	108.300	7.664	0.000	24.070
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:41:08	85.889%	0.269	0.220	88.744%	-0.011	-0.011	0.018	0.049
2	19:41:51	85.021%	0.222	0.221	87.385%	-0.009	-0.003	-0.035	-0.017
3	19:42:34	87.152%	0.180	0.185	89.951%	-0.014	-0.010	-0.071	-0.039
X		86.021%	0.224	0.209	88.693%	-0.011	-0.008	-0.029	-0.002
σ		1.072%	0.045	0.020	1.284%	0.003	0.004	0.045	0.046
%RSD		1.246	20.010	9.783	1.447	22.760	50.340	151.500	1978.000
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:41:08	81.792%	-0.054	-0.052	-0.036	0.012	0.005	83.835%	84.088%
2	19:41:51	82.810%	-0.136	-0.036	-0.039	-0.004	0.025	84.753%	85.631%
3	19:42:34	85.402%	-0.204	-0.052	-0.030	0.018	0.008	87.950%	88.348%
X		83.335%	-0.132	-0.047	-0.035	0.008	0.012	85.513%	86.022%
σ		1.861%	0.075	0.009	0.005	0.012	0.011	2.160%	2.157%
%RSD		2.233	56.900	19.810	13.400	137.600	86.790	2.526	2.507
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	19:41:08	0.026	0.024	0.085	0.081	0.083	96.662%		
2	19:41:51	0.023	0.025	0.076	0.068	0.070	97.919%		
3	19:42:34	0.019	0.028	0.084	0.068	0.066	100.544%		
X		0.023	0.026	0.081	0.072	0.073	98.375%		
σ		0.004	0.002	0.005	0.007	0.009	1.981%		
%RSD		15.690	7.094	6.157	10.160	12.530	2.013		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:45:29	76.253%	8.328	35.110	35.060	0.000	601.400	49310.000	49770.000
2	19:46:12	73.071%	8.416	36.990	37.210	0.000	640.700	53750.000	54940.000
3	19:46:55	75.311%	8.506	36.760	36.190	0.000	639.900	52870.000	54250.000
X		74.878%	8.417	36.290	36.150	0.000	627.300	51980.000	52990.000
σ		1.635%	0.089	1.028	1.079	0.000	22.470	2352.000	2809.000
%RSD		2.183	1.058	2.834	2.983	0.000	3.582	4.525	5.302
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:45:29	160900.000	2174.000	0.000	14940.000	64360.000	68720.000	94.769%	648.900
2	19:46:12	176500.000	2369.000	0.000	16850.000	73360.000	77800.000	82.476%	742.400
3	19:46:55	173000.000	2325.000	0.000	16880.000	74610.000	79550.000	81.769%	742.400
X		170100.000	2289.000	0.000	16220.000	70780.000	75360.000	86.338%	711.200
σ		8174.000	102.100	0.000	1111.000	5590.000	5812.000	7.310%	53.990
%RSD		4.805	4.459	0.000	6.848	7.899	7.713	8.467	7.592
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:45:29	252.300	220.500	3606.000	296400.000	310700.000	119.700	286.200	193.500
2	19:46:12	288.200	249.800	4022.000	331200.000	344500.000	133.700	317.400	213.800
3	19:46:55	287.800	253.500	4059.000	332400.000	348500.000	135.400	320.700	217.000
X		276.100	241.300	3895.000	320000.000	334600.000	129.600	308.100	208.100
σ		20.590	18.090	251.300	20450.000	20760.000	8.645	19.040	12.730
%RSD		7.458	7.500	6.451	6.392	6.206	6.670	6.179	6.118
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:45:29	194.200	527.300	534.200	119.400	3.964	7.273	0.000	176.800
2	19:46:12	213.400	580.600	587.100	129.000	4.540	8.513	0.000	187.500
3	19:46:55	216.600	591.400	590.000	130.900	4.340	9.226	0.000	189.200
X		208.100	566.400	570.500	126.500	4.281	8.338	0.000	184.500
σ		12.140	34.280	31.450	6.150	0.292	0.988	0.000	6.692
%RSD		5.836	6.052	5.513	4.864	6.831	11.850	0.000	3.627
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:45:29	0.000	16.860	16.820	74.083%	0.385	0.229	2.283	1.703
2	19:46:12	0.000	17.440	17.470	74.330%	0.403	0.243	2.121	1.609
3	19:46:55	0.000	17.560	17.460	74.674%	0.393	0.266	2.161	1.551
X		0.000	17.290	17.250	74.362%	0.394	0.246	2.188	1.621
σ		0.000	0.378	0.375	0.297%	0.009	0.019	0.085	0.077
%RSD		0.000	2.185	2.176	0.399	2.371	7.610	3.861	4.740
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:45:29	73.053%	11.440	1.297	1.337	1051.000	1031.000	78.858%	76.930%
2	19:46:12	74.610%	11.060	1.299	1.322	1049.000	1044.000	81.560%	79.944%
3	19:46:55	74.562%	11.050	1.359	1.366	1063.000	1050.000	81.411%	79.155%
X		74.075%	11.180	1.318	1.342	1054.000	1042.000	80.610%	78.676%
σ		0.886%	0.224	0.035	0.022	7.691	9.485	1.519%	1.563%
%RSD		1.196	2.003	2.683	1.651	0.730	0.911	1.884	1.986
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	19:45:29	2.149	2.135	147.700	145.900	146.100	69.560%		
2	19:46:12	2.141	2.268	149.000	146.500	147.400	71.313%		
3	19:46:55	2.195	2.209	149.300	147.600	148.300	71.376%		
X		2.161	2.204	148.700	146.600	147.300	70.750%		
σ		0.029	0.067	0.860	0.857	1.075	1.031%		
%RSD		1.346	3.028	0.579	0.585	0.730	1.457		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:49:48	68.009%	6.585	73.260	75.140	0.000	970.300	74420.000	77410.000
2	19:50:31	63.750%	6.913	76.530	76.470	0.000	962.800	74390.000	78410.000
3	19:51:15	64.598%	6.807	76.080	74.030	0.000	943.200	74370.000	78280.000
X		65.452%	6.768	75.290	75.210	0.000	958.800	74390.000	78030.000
σ		2.255%	0.167	1.772	1.221	0.000	13.980	22.070	544.900
%RSD		3.445	2.473	2.353	1.624	0.000	1.458	0.030	0.698
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:49:48	135700.000	2019.000	0.000	23090.000	278500.000	303100.000	73.062%	863.400
2	19:50:31	139300.000	2035.000	0.000	23120.000	282300.000	306000.000	69.658%	868.400
3	19:51:15	138800.000	2019.000	0.000	23150.000	288300.000	310100.000	68.522%	865.000
X		137900.000	2024.000	0.000	23120.000	283100.000	306400.000	70.414%	865.600
σ		1950.000	8.901	0.000	31.150	4914.000	3496.000	2.363%	2.536
%RSD		1.414	0.440	0.000	0.135	1.736	1.141	3.355	0.293
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:49:48	232.600	218.800	4330.000	294900.000	307700.000	125.600	305.500	198.900
2	19:50:31	232.900	219.500	4392.000	298900.000	307800.000	126.100	307.400	201.700
3	19:51:15	228.500	217.800	4372.000	299700.000	307600.000	126.200	306.300	202.100
X		231.400	218.700	4364.000	297800.000	307700.000	126.000	306.400	200.900
σ		2.457	0.853	31.640	2549.000	77.700	0.349	0.939	1.745
%RSD		1.062	0.390	0.725	0.856	0.025	0.277	0.307	0.869
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:49:48	200.700	577.000	580.900	121.800	2.772	6.060	0.000	436.000
2	19:50:31	201.500	591.400	593.500	123.700	2.354	5.143	0.000	447.800
3	19:51:15	202.800	586.300	592.100	124.100	2.453	6.050	0.000	452.100
X		201.700	584.900	588.800	123.200	2.526	5.751	0.000	445.300
σ		1.098	7.310	6.933	1.247	0.219	0.527	0.000	8.324
%RSD		0.544	1.250	1.177	1.012	8.662	9.164	0.000	1.869
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:49:48	0.000	15.890	16.060	67.478%	0.398	0.307	2.342	1.745
2	19:50:31	0.000	16.280	16.300	67.067%	0.414	0.288	2.239	1.736
3	19:51:15	0.000	16.440	16.560	66.239%	0.411	0.296	2.106	1.690
X		0.000	16.200	16.310	66.928%	0.408	0.297	2.229	1.724
σ		0.000	0.281	0.247	0.631%	0.009	0.009	0.118	0.030
%RSD		0.000	1.737	1.516	0.943	2.154	3.096	5.314	1.736
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:49:48	68.530%	10.730	0.844	0.750	764.400	756.300	75.065%	73.875%
2	19:50:31	69.380%	10.800	0.810	0.781	767.700	762.200	76.936%	75.729%
3	19:51:15	69.276%	11.090	0.821	0.831	770.300	762.900	78.171%	76.342%
X		69.062%	10.870	0.825	0.787	767.500	760.400	76.724%	75.315%
σ		0.464%	0.189	0.017	0.040	2.949	3.616	1.564%	1.285%
%RSD		0.671	1.736	2.068	5.139	0.384	0.475	2.038	1.706
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	19:49:48	1.898	1.856	123.400	121.100	121.900	66.574%		
2	19:50:31	1.920	1.936	124.600	122.000	123.100	68.803%		
3	19:51:15	2.009	1.914	125.000	123.200	124.000	69.302%		
X		1.942	1.902	124.300	122.100	123.000	68.226%		
σ		0.059	0.041	0.829	1.051	1.090	1.452%		
%RSD		3.036	2.170	0.667	0.861	0.886	2.129		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:54:08	65.192%	6.675	67.770	71.240	0.000	925.600	78510.000	81460.000
2	19:54:51	62.323%	6.680	71.080	72.460	0.000	906.800	78230.000	82150.000
3	19:55:34	64.081%	6.473	70.130	71.110	0.000	881.900	76750.000	81420.000
X		63.865%	6.609	69.660	71.600	0.000	904.700	77830.000	81680.000
σ		1.447%	0.118	1.703	0.743	0.000	21.940	946.100	413.000
%RSD		2.266	1.781	2.445	1.038	0.000	2.425	1.216	0.506
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:54:08	142600.000	1691.000	0.000	23250.000	321800.000	349600.000	67.325%	829.700
2	19:54:51	144200.000	1612.000	0.000	23030.000	320800.000	346000.000	65.251%	848.500
3	19:55:34	143500.000	1733.000	0.000	23120.000	325800.000	350900.000	65.498%	846.000
X		143400.000	1679.000	0.000	23130.000	322800.000	348900.000	66.025%	841.400
σ		805.900	61.190	0.000	110.800	2658.000	2534.000	1.133%	10.200
%RSD		0.562	3.645	0.000	0.479	0.824	0.726	1.716	1.212
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:54:08	243.000	238.700	3985.000	302600.000	311900.000	125.600	311.400	195.000
2	19:54:51	244.900	239.600	4076.000	305600.000	313900.000	126.500	313.400	198.600
3	19:55:34	243.500	242.400	4072.000	308700.000	317100.000	127.300	312.300	199.300
X		243.800	240.200	4044.000	305700.000	314300.000	126.500	312.400	197.700
σ		0.997	1.943	51.380	3046.000	2658.000	0.816	1.018	2.309
%RSD		0.409	0.809	1.270	0.997	0.846	0.645	0.326	1.168
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:54:08	194.400	568.100	575.300	112.100	2.708	6.322	0.000	519.200
2	19:54:51	197.800	580.500	584.200	113.900	2.856	6.541	0.000	583.700
3	19:55:34	200.600	579.900	581.700	114.800	2.891	6.894	0.000	596.500
X		197.600	576.100	580.400	113.600	2.819	6.585	0.000	566.400
σ		3.137	7.001	4.566	1.365	0.097	0.289	0.000	41.440
%RSD		1.588	1.215	0.787	1.202	3.443	4.382	0.000	7.315
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:54:08	0.000	16.620	16.340	65.477%	0.366	0.242	2.346	1.648
2	19:54:51	0.000	16.630	17.030	64.863%	0.384	0.226	2.082	1.538
3	19:55:34	0.000	17.230	16.930	64.606%	0.401	0.237	2.295	1.811
X		0.000	16.830	16.770	64.982%	0.384	0.235	2.241	1.666
σ		0.000	0.346	0.372	0.448%	0.018	0.008	0.140	0.137
%RSD		0.000	2.056	2.216	0.689	4.629	3.350	6.248	8.239
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:54:08	66.947%	8.998	0.790	0.869	829.900	823.200	73.397%	72.441%
2	19:54:51	67.510%	9.127	0.799	0.818	828.100	825.500	75.879%	74.476%
3	19:55:34	67.324%	9.183	0.794	0.802	837.300	830.600	75.560%	74.323%
X		67.260%	9.103	0.794	0.830	831.800	826.500	74.945%	73.747%
σ		0.286%	0.095	0.004	0.035	4.887	3.813	1.350%	1.133%
%RSD		0.426	1.042	0.533	4.247	0.588	0.461	1.802	1.537
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	19:54:08	1.862	1.928	120.500	116.800	119.000	66.503%		
2	19:54:51	1.923	1.977	121.500	120.100	120.300	68.165%		
3	19:55:34	1.985	1.953	122.900	119.400	121.200	68.456%		
X		1.923	1.953	121.600	118.800	120.200	67.708%		
σ		0.062	0.024	1.221	1.724	1.081	1.053%		
%RSD		3.206	1.251	1.004	1.452	0.900	1.556		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:58:27	66.258%	7.138	75.220	75.330	0.000	828.400	65520.000	68130.000
2	19:59:10	65.222%	6.936	77.140	76.730	0.000	833.300	65390.000	68160.000
3	19:59:53	65.286%	7.003	74.960	78.030	0.000	824.200	65210.000	67790.000
X		65.589%	7.026	75.780	76.700	0.000	828.600	65370.000	68030.000
σ		0.580%	0.103	1.192	1.352	0.000	4.573	153.800	203.800
%RSD		0.885	1.464	1.573	1.762	0.000	0.552	0.235	0.299
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:58:27	141500.000	1588.000	0.000	24530.000	227600.000	246700.000	68.542%	713.300
2	19:59:10	140100.000	1560.000	0.000	24010.000	224600.000	241600.000	68.696%	694.300
3	19:59:53	140700.000	1642.000	0.000	24350.000	225800.000	243200.000	66.889%	705.900
X		140800.000	1597.000	0.000	24300.000	226000.000	243800.000	68.042%	704.500
σ		685.100	41.830	0.000	266.900	1528.000	2625.000	1.002%	9.587
%RSD		0.487	2.620	0.000	1.098	0.676	1.077	1.473	1.361
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:58:27	231.600	213.300	3839.000	280200.000	286500.000	121.700	295.800	181.000
2	19:59:10	224.900	212.100	3772.000	276900.000	285100.000	119.300	286.100	180.000
3	19:59:53	229.700	213.100	3780.000	279900.000	286000.000	122.100	292.800	181.600
X		228.700	212.800	3797.000	279000.000	285900.000	121.000	291.600	180.900
σ		3.474	0.612	36.780	1816.000	710.600	1.518	4.964	0.808
%RSD		1.519	0.287	0.969	0.651	0.249	1.254	1.702	0.447
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:58:27	181.800	555.000	558.900	111.400	2.458	5.970	0.000	378.900
2	19:59:10	180.900	549.500	557.000	110.000	2.308	5.521	0.000	378.500
3	19:59:53	183.100	558.800	560.800	112.800	2.535	6.832	0.000	385.000
X		181.900	554.400	558.900	111.400	2.434	6.107	0.000	380.800
σ		1.097	4.655	1.892	1.427	0.115	0.666	0.000	3.614
%RSD		0.603	0.840	0.339	1.281	4.735	10.910	0.000	0.949
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:58:27	0.000	12.470	12.490	67.214%	0.351	0.212	1.969	1.528
2	19:59:10	0.000	12.420	12.450	67.282%	0.356	0.243	1.800	1.404
3	19:59:53	0.000	12.750	12.660	67.218%	0.347	0.248	1.798	1.344
X		0.000	12.550	12.530	67.238%	0.351	0.234	1.856	1.425
σ		0.000	0.176	0.116	0.038%	0.004	0.020	0.098	0.094
%RSD		0.000	1.405	0.925	0.057	1.251	8.411	5.300	6.600
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:58:27	67.869%	10.130	0.681	0.708	741.300	735.400	74.518%	73.210%
2	19:59:10	68.877%	10.400	0.741	0.749	749.200	740.800	76.399%	75.543%
3	19:59:53	69.284%	10.060	0.717	0.743	745.500	737.000	76.948%	75.679%
X		68.677%	10.200	0.713	0.733	745.400	737.700	75.955%	74.810%
σ		0.728%	0.178	0.030	0.022	3.944	2.744	1.274%	1.388%
%RSD		1.061	1.750	4.209	3.034	0.529	0.372	1.677	1.855
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	19:58:27	1.721	1.689	105.200	103.600	104.500	68.156%		
2	19:59:10	1.787	1.811	107.600	104.700	106.000	69.927%		
3	19:59:53	1.778	1.813	107.000	105.100	105.800	70.598%		
X		1.762	1.771	106.600	104.500	105.400	69.561%		
σ		0.036	0.071	1.214	0.753	0.774	1.262%		
%RSD		2.028	4.001	1.138	0.721	0.734	1.814		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:02:48	68.345%	6.008	46.280	48.640	0.000	654.500	54180.000	56470.000
2	20:03:30	67.334%	5.986	49.450	47.540	0.000	649.300	54320.000	57070.000
3	20:04:13	66.302%	5.798	49.590	48.510	0.000	652.300	55810.000	58770.000
X		67.327%	5.931	48.440	48.230	0.000	652.000	54770.000	57440.000
σ		1.021%	0.116	1.869	0.602	0.000	2.590	904.900	1192.000
%RSD		1.517	1.947	3.859	1.248	0.000	0.397	1.652	2.076
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:02:48	123200.000	2133.000	0.000	16550.000	182700.000	199800.000	71.792%	723.200
2	20:03:30	122400.000	2127.000	0.000	16740.000	183400.000	200900.000	69.509%	723.200
3	20:04:13	126800.000	2159.000	0.000	16960.000	186300.000	202800.000	68.666%	734.300
X		124100.000	2140.000	0.000	16750.000	184100.000	201200.000	69.989%	726.900
σ		2319.000	17.350	0.000	204.500	1930.000	1552.000	1.617%	6.420
%RSD		1.868	0.811	0.000	1.221	1.048	0.772	2.311	0.883
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:02:48	211.500	209.200	3394.000	273500.000	281000.000	112.900	267.100	194.500
2	20:03:30	210.700	210.200	3443.000	277600.000	283700.000	115.400	276.600	201.700
3	20:04:13	215.000	210.500	3443.000	280600.000	284800.000	115.100	275.700	200.800
X		212.400	209.900	3427.000	277300.000	283200.000	114.500	273.200	199.000
σ		2.308	0.687	28.420	3538.000	1936.000	1.351	5.223	3.944
%RSD		1.087	0.327	0.829	1.276	0.684	1.180	1.912	1.982
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:02:48	196.400	520.600	524.000	122.900	2.460	5.887	0.000	282.400
2	20:03:30	198.700	535.000	539.100	126.700	2.856	6.146	0.000	293.400
3	20:04:13	199.500	536.600	540.000	126.300	2.655	6.901	0.000	292.000
X		198.200	530.800	534.400	125.300	2.657	6.311	0.000	289.300
σ		1.562	8.808	8.979	2.072	0.198	0.526	0.000	6.003
%RSD		0.788	1.659	1.680	1.653	7.447	8.341	0.000	2.075
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:02:48	0.000	14.670	14.570	69.046%	0.359	0.219	1.915	1.447
2	20:03:30	0.000	14.760	14.950	69.010%	0.341	0.252	1.869	1.450
3	20:04:13	0.000	15.030	14.910	68.763%	0.358	0.207	1.863	1.469
X		0.000	14.820	14.810	68.940%	0.353	0.226	1.882	1.455
σ		0.000	0.190	0.211	0.154%	0.010	0.023	0.028	0.012
%RSD		0.000	1.284	1.428	0.223	2.830	10.240	1.497	0.792
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:02:48	69.419%	8.819	0.943	0.906	650.400	640.600	77.033%	76.221%
2	20:03:30	70.455%	8.946	0.918	0.898	649.600	640.800	78.849%	77.562%
3	20:04:13	70.969%	8.779	0.858	0.853	645.700	644.500	78.823%	77.689%
X		70.281%	8.848	0.907	0.885	648.500	642.000	78.235%	77.157%
σ		0.789%	0.087	0.044	0.029	2.523	2.210	1.041%	0.813%
%RSD		1.123	0.984	4.813	3.236	0.389	0.344	1.331	1.054
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	20:02:48	1.604	1.674	118.500	116.300	117.200	70.138%		
2	20:03:30	1.672	1.654	118.900	117.300	117.900	71.822%		
3	20:04:13	1.674	1.669	118.100	115.500	116.700	73.303%		
X		1.650	1.666	118.500	116.400	117.300	71.755%		
σ		0.040	0.010	0.410	0.857	0.586	1.584%		
%RSD		2.415	0.600	0.346	0.737	0.499	2.207		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:07:08	70.610%	6.225	38.240	39.520	0.000	904.400	59590.000	60820.000
2	20:07:51	69.274%	6.367	37.760	39.370	0.000	890.800	58240.000	60130.000
3	20:08:34	66.877%	6.425	39.340	39.700	0.000	857.600	56810.000	60600.000
X		68.920%	6.339	38.440	39.530	0.000	884.300	58220.000	60520.000
σ		1.891%	0.103	0.807	0.167	0.000	24.070	1389.000	351.900
%RSD		2.744	1.627	2.100	0.423	0.000	2.722	2.386	0.581
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:07:08	126800.000	1725.000	0.000	16810.000	197000.000	214100.000	69.677%	766.000
2	20:07:51	125500.000	1615.000	0.000	16440.000	198200.000	212700.000	69.700%	739.300
3	20:08:34	127000.000	1673.000	0.000	16390.000	195600.000	212300.000	68.834%	744.600
X		126400.000	1671.000	0.000	16550.000	196900.000	213000.000	69.404%	749.900
σ		813.300	55.000	0.000	230.000	1273.000	921.900	0.493%	14.130
%RSD		0.643	3.291	0.000	1.390	0.646	0.433	0.711	1.883
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:07:08	226.200	203.900	4118.000	286200.000	296800.000	125.400	293.100	186.400
2	20:07:51	219.500	202.600	4151.000	286600.000	292900.000	123.000	289.200	185.800
3	20:08:34	221.400	200.000	4115.000	284700.000	293100.000	123.000	292.300	184.600
X		222.400	202.200	4128.000	285800.000	294300.000	123.800	291.500	185.600
σ		3.411	1.973	20.090	1047.000	2180.000	1.376	2.072	0.941
%RSD		1.534	0.976	0.487	0.366	0.741	1.111	0.711	0.507
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:07:08	185.100	516.300	521.400	105.900	2.355	6.656	0.000	316.500
2	20:07:51	184.500	522.100	525.500	104.300	2.258	6.340	0.000	320.600
3	20:08:34	185.200	519.300	523.400	105.800	2.550	6.144	0.000	325.300
X		184.900	519.200	523.400	105.300	2.388	6.380	0.000	320.800
σ		0.394	2.920	2.032	0.884	0.149	0.258	0.000	4.393
%RSD		0.213	0.562	0.388	0.839	6.227	4.051	0.000	1.369
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:07:08	0.000	15.700	15.200	67.987%	0.351	0.183	2.038	1.589
2	20:07:51	0.000	15.560	15.660	68.134%	0.330	0.194	2.308	1.678
3	20:08:34	0.000	15.920	15.830	67.851%	0.349	0.176	2.187	1.644
X		0.000	15.720	15.560	67.991%	0.343	0.184	2.178	1.637
σ		0.000	0.181	0.330	0.141%	0.012	0.009	0.135	0.045
%RSD		0.000	1.150	2.117	0.208	3.480	4.885	6.220	2.753
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:07:08	67.790%	8.024	0.785	0.747	763.700	755.500	74.212%	73.310%
2	20:07:51	68.572%	8.365	0.731	0.758	769.200	759.800	76.498%	75.419%
3	20:08:34	69.298%	8.072	0.796	0.832	773.500	765.100	76.254%	75.522%
X		68.554%	8.154	0.771	0.779	768.800	760.100	75.655%	74.751%
σ		0.755%	0.185	0.035	0.046	4.892	4.823	1.255%	1.249%
%RSD		1.101	2.263	4.478	5.875	0.636	0.634	1.659	1.671
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	20:07:08	1.700	1.667	118.300	116.600	117.000	67.713%		
2	20:07:51	1.658	1.712	120.500	118.200	119.000	69.377%		
3	20:08:34	1.683	1.661	120.800	117.700	118.900	70.168%		
X		1.681	1.680	119.800	117.500	118.300	69.086%		
σ		0.021	0.028	1.386	0.838	1.128	1.253%		
%RSD		1.243	1.660	1.157	0.713	0.954	1.814		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:11:29	73.669%	6.327	36.340	35.850	0.000	604.600	52110.000	53840.000
2	20:12:12	72.477%	6.256	36.310	35.220	0.000	581.900	50080.000	52360.000
3	20:12:55	73.310%	5.944	34.880	36.240	0.000	597.000	50240.000	51960.000
X		73.152%	6.176	35.850	35.770	0.000	594.500	50810.000	52720.000
σ		0.612%	0.204	0.837	0.516	0.000	11.560	1127.000	992.400
%RSD		0.836	3.301	2.336	1.443	0.000	1.945	2.219	1.882
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:11:29	142300.000	2159.000	0.000	16340.000	111600.000	119400.000	72.478%	852.200
2	20:12:12	137100.000	2057.000	0.000	15310.000	105200.000	112800.000	77.308%	805.500
3	20:12:55	134600.000	1997.000	0.000	15280.000	104900.000	113600.000	77.514%	778.800
X		138000.000	2071.000	0.000	15640.000	107200.000	115200.000	75.767%	812.200
σ		3976.000	82.150	0.000	600.000	3760.000	3595.000	2.850%	37.150
%RSD		2.881	3.967	0.000	3.836	3.507	3.120	3.762	4.574
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:11:29	248.000	240.200	4355.000	307900.000	314700.000	125.600	311.400	199.500
2	20:12:12	235.700	226.500	4125.000	292900.000	302300.000	121.300	299.300	191.700
3	20:12:55	232.900	230.400	4154.000	291200.000	300800.000	121.400	300.100	192.100
X		238.900	232.300	4211.000	297300.000	305900.000	122.800	303.600	194.500
σ		7.986	7.067	125.200	9171.000	7613.000	2.463	6.761	4.405
%RSD		3.343	3.042	2.972	3.084	2.489	2.005	2.227	2.265
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:11:29	198.600	587.500	590.100	116.900	2.966	6.862	0.000	187.400
2	20:12:12	192.200	567.100	570.300	114.000	2.469	6.883	0.000	186.500
3	20:12:55	190.600	567.000	570.600	113.500	2.745	6.538	0.000	186.700
X		193.800	573.900	577.000	114.800	2.727	6.761	0.000	186.900
σ		4.224	11.820	11.350	1.863	0.249	0.193	0.000	0.492
%RSD		2.179	2.060	1.967	1.623	9.127	2.858	0.000	0.264
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:11:29	0.000	14.790	14.890	71.990%	0.396	0.223	2.303	1.772
2	20:12:12	0.000	15.310	15.070	72.686%	0.392	0.222	2.091	1.697
3	20:12:55	0.000	15.360	15.190	72.766%	0.381	0.222	2.208	1.793
X		0.000	15.150	15.050	72.481%	0.390	0.223	2.201	1.754
σ		0.000	0.318	0.152	0.427%	0.008	0.000	0.106	0.051
%RSD		0.000	2.099	1.009	0.589	1.947	0.202	4.828	2.880
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:11:29	71.000%	8.718	0.961	0.934	786.300	779.200	76.168%	74.941%
2	20:12:12	72.321%	8.648	0.887	0.997	785.300	783.500	78.507%	76.740%
3	20:12:55	72.594%	8.690	1.001	0.909	789.200	785.300	78.735%	76.952%
X		71.971%	8.685	0.950	0.947	786.900	782.600	77.803%	76.211%
σ		0.853%	0.035	0.058	0.046	2.048	3.149	1.421%	1.105%
%RSD		1.185	0.405	6.060	4.829	0.260	0.402	1.826	1.450
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	20:11:29	1.868	1.829	131.800	129.800	130.100	70.021%		
2	20:12:12	1.865	1.866	135.100	132.500	133.600	70.929%		
3	20:12:55	1.894	1.854	133.600	130.700	132.700	72.111%		
X		1.875	1.849	133.500	131.000	132.100	71.020%		
σ		0.016	0.019	1.691	1.344	1.830	1.048%		
%RSD		0.849	1.014	1.267	1.027	1.385	1.476		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:15:48	75.385%	7.268	34.120	34.490	0.000	573.300	49540.000	50060.000
X		75.385%	7.268	34.120	34.490	0.000	573.300	49540.000	50060.000
σ		n/a	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
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:15:48	140600.000	1954.000	0.000	15470.000	109600.000	116700.000	79.451%	715.200
X		140600.000	1954.000	0.000	15470.000	109600.000	116700.000	79.451%	715.200
σ		0.000	0.000	0.000	0.000	0.000	0.000	n/a	0.000
%RSD		0.000	0.000	0.000	0.000	0.000	0.000	n/a	0.000
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:15:48	228.900	220.700	3174.000	303200.000	313500.000	126.600	303.500	217.700
X		228.900	220.700	3174.000	303200.000	313500.000	126.600	303.500	217.700
σ		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
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:15:48	217.400	624.600	629.200	127.500	3.072	7.239	0.000	187.200
X		217.400	624.600	629.200	127.500	3.072	7.239	0.000	187.200
σ		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
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:15:48	0.000	16.750	16.450	72.423%	0.352	0.185	2.394	1.873
X		0.000	16.750	16.450	72.423%	0.352	0.185	2.394	1.873
σ		0.000	0.000	0.000	n/a	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
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:15:48	71.099%	14.120	0.936	0.956	779.200	776.100	76.999%	74.917%
X		71.099%	14.120	0.936	0.956	779.200	776.100	76.999%	74.917%
σ		n/a	0.000	0.000	0.000	0.000	0.000	n/a	n/a
%RSD		n/a	0.000	0.000	0.000	0.000	0.000	n/a	n/a
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	20:15:48	1.883	1.904	142.600	142.300	142.300	68.499%		
X		1.883	1.904	142.600	142.300	142.300	68.499%		
σ		0.000	0.000	0.000	0.000	0.000	n/a		
%RSD		0.000	0.000	0.000	0.000	0.000	n/a		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:18:40	74.566%	5.587	40.370	41.370	0.000	852.800	51490.000	52880.000
2	20:19:23	73.670%	5.393	39.820	40.530	0.000	845.500	51190.000	53200.000
3	20:20:06	73.703%	5.536	40.590	41.600	0.000	852.700	50980.000	52970.000
X		73.980%	5.505	40.260	41.170	0.000	850.300	51220.000	53020.000
σ		0.508%	0.101	0.396	0.567	0.000	4.200	258.800	166.400
%RSD		0.686	1.832	0.983	1.377	0.000	0.494	0.505	0.314
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:18:40	106100.000	1889.000	0.000	16650.000	102200.000	109300.000	78.147%	477.400
2	20:19:23	107200.000	1856.000	0.000	16210.000	102200.000	110800.000	77.461%	480.000
3	20:20:06	105200.000	1845.000	0.000	16490.000	102600.000	110400.000	77.588%	478.200
X		106200.000	1863.000	0.000	16450.000	102300.000	110200.000	77.732%	478.500
σ		988.700	22.830	0.000	220.200	232.500	755.800	0.365%	1.317
%RSD		0.931	1.226	0.000	1.339	0.227	0.686	0.470	0.275
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:18:40	164.700	170.800	3551.000	285500.000	294200.000	115.200	272.300	200.600
2	20:19:23	164.900	169.600	3530.000	281100.000	289700.000	114.400	269.100	199.800
3	20:20:06	164.500	172.000	3535.000	281600.000	290600.000	112.500	269.300	198.900
X		164.700	170.800	3539.000	282800.000	291500.000	114.000	270.200	199.800
σ		0.201	1.205	11.020	2376.000	2372.000	1.366	1.802	0.838
%RSD		0.122	0.706	0.311	0.841	0.814	1.198	0.667	0.420
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:18:40	198.500	592.400	596.900	147.500	1.739	5.234	0.000	182.500
2	20:19:23	199.100	592.100	596.200	147.900	1.745	5.821	0.000	185.800
3	20:20:06	199.000	595.000	601.000	147.600	2.061	4.558	0.000	186.600
X		198.900	593.200	598.000	147.700	1.848	5.204	0.000	185.000
σ		0.359	1.612	2.622	0.175	0.184	0.632	0.000	2.182
%RSD		0.180	0.272	0.438	0.118	9.970	12.150	0.000	1.180
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:18:40	0.000	11.550	11.300	73.084%	0.299	0.159	1.760	1.352
2	20:19:23	0.000	11.670	11.370	73.755%	0.318	0.199	1.826	1.388
3	20:20:06	0.000	11.770	11.700	73.822%	0.313	0.187	1.954	1.449
X		0.000	11.660	11.460	73.554%	0.310	0.182	1.847	1.396
σ		0.000	0.109	0.214	0.408%	0.010	0.021	0.099	0.049
%RSD		0.000	0.937	1.871	0.555	3.244	11.370	5.364	3.509
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:18:40	71.708%	7.057	0.569	0.590	428.700	423.700	77.421%	75.599%
2	20:19:23	72.604%	7.368	0.569	0.624	434.300	429.800	79.013%	78.051%
3	20:20:06	73.241%	7.289	0.564	0.545	432.000	428.300	79.648%	78.114%
X		72.518%	7.238	0.567	0.586	431.600	427.300	78.694%	77.255%
σ		0.770%	0.162	0.003	0.040	2.812	3.171	1.147%	1.434%
%RSD		1.062	2.237	0.485	6.811	0.651	0.742	1.458	1.856
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	20:18:40	1.373	1.365	108.600	107.000	108.000	70.483%		
2	20:19:23	1.374	1.390	109.800	108.900	109.400	72.345%		
3	20:20:06	1.378	1.388	112.000	110.900	111.200	72.265%		
X		1.375	1.381	110.100	108.900	109.500	71.698%		
σ		0.003	0.014	1.754	1.963	1.613	1.053%		
%RSD		0.211	1.009	1.593	1.802	1.473	1.469		

240-17602-F-10-A 12/21/2012 8:22:16 PM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:22:58	72.914%	6.649	65.870	66.130	0.000	761.300	58630.000	60460.000
X		72.914%	6.649	65.870	66.130	0.000	761.300	58630.000	60460.000
σ		n/a	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
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:22:58	129300.000	3684.000	0.000	21400.000	144300.000	154800.000	77.072%	825.400
X		129300.000	3684.000	0.000	21400.000	144300.000	154800.000	77.072%	825.400
σ		0.000	0.000	0.000	0.000	0.000	0.000	n/a	0.000
%RSD		0.000	0.000	0.000	0.000	0.000	0.000	n/a	0.000
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:22:58	208.100	210.400	3943.000	306200.000	316800.000	131.800	318.400	201.100
X		208.100	210.400	3943.000	306200.000	316800.000	131.800	318.400	201.100
σ		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
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:22:58	200.700	615.500	626.300	141.000	2.388	6.052	0.000	239.900
X		200.700	615.500	626.300	141.000	2.388	6.052	0.000	239.900
σ		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
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:22:58	0.000	11.620	11.340	70.422%	0.385	0.203	2.095	1.634
X		0.000	11.620	11.340	70.422%	0.385	0.203	2.095	1.634
σ		0.000	0.000	0.000	n/a	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
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:22:58	69.149%	20.840	0.862	0.815	667.200	661.400	75.174%	73.336%
X		69.149%	20.840	0.862	0.815	667.200	661.400	75.174%	73.336%
σ		n/a	0.000	0.000	0.000	0.000	0.000	n/a	n/a
%RSD		n/a	0.000	0.000	0.000	0.000	0.000	n/a	n/a
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	20:22:58	1.629	1.617	139.800	137.500	138.600	67.147%		
X		1.629	1.617	139.800	137.500	138.600	67.147%		
σ		0.000	0.000	0.000	0.000	0.000	n/a		
%RSD		0.000	0.000	0.000	0.000	0.000	n/a		

CCV 664806 12/21/2012 8:25:08 PM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:25:50	73.826%	99.170	92.160	92.360	0.000	47170.000	46220.000	46970.000
2	20:26:34	71.570%	100.300	96.590	94.350	0.000	46370.000	45650.000	46770.000
3	20:27:17	70.428%	101.000	95.050	94.880	0.000	50040.000	49580.000	50880.000
x		71.941%	100.166%	94.604%	93.865%	0.000	95.722%	94.303%	96.415%
σ		1.729%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		2.404	0.934	2.377	1.415	0.000	4.030	4.496	4.806
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:25:50	459.600	5166.000	0.000	47250.000	43610.000	46940.000	91.029%	91.510
2	20:26:34	447.300	5126.000	0.000	48220.000	44120.000	47270.000	89.324%	92.050
3	20:27:17	488.200	5580.000	0.000	54660.000	51670.000	55320.000	73.103%	107.500
x		93.011%	105.810%	0.000	100.093%	92.931%	99.688%	84.485%	97.002%
σ		n/a	n/a	0.000	n/a	n/a	n/a	9.894%	n/a
%RSD		4.508	4.755	0.000	8.051	9.711	9.522	11.711	9.336
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:25:50	88.060	89.130	478.400	23950.000	24010.000	89.000	90.900	92.140
2	20:26:34	88.680	88.850	487.300	24310.000	24340.000	90.150	90.660	91.820
3	20:27:17	100.000	101.500	552.600	27260.000	26850.000	100.900	102.400	100.900
x		92.245%	93.177%	101.222%	100.681%	100.260%	93.340%	94.646%	94.936%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		7.283	7.781	8.002	7.211	6.200	7.015	7.085	5.399
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:25:50	92.240	91.450	91.370	96.370	95.510	98.870	0.000	94.600
2	20:26:34	91.890	91.830	93.590	95.620	97.460	99.500	0.000	95.380
3	20:27:17	99.090	102.900	102.100	101.300	102.300	102.700	0.000	95.970
x		94.410%	95.384%	95.691%	97.766%	98.417%	100.366%	0.000	95.317%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		4.300	6.808	5.920	3.162	3.542	2.063	0.000	0.723
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:25:50	78.537%	93.850	94.090	76.426%	92.850	94.330	94.740	95.530
2	20:26:34	79.017%	97.830	97.890	75.801%	94.580	95.320	96.140	96.830
3	20:27:17	78.120%	97.890	98.370	75.881%	93.210	94.130	94.110	96.390
x		78.558%	96.523%	96.779%	76.036%	93.550%	94.594%	94.997%	96.251%
σ		0.449%	n/a	n/a	0.340%	n/a	n/a	n/a	n/a
%RSD		0.571	2.400	2.423	0.447	0.976	0.675	1.095	0.684
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:25:50	75.791%	93.630	93.290	93.530	94.590	94.130	78.441%	78.498%
2	20:26:34	76.562%	95.190	95.060	93.860	94.310	93.230	79.989%	80.761%
3	20:27:17	77.131%	94.250	93.740	93.910	94.640	93.260	80.692%	81.542%
x		76.494%	94.356%	94.029%	93.769%	94.513%	93.541%	79.708%	80.267%
σ		0.673%	n/a	n/a	n/a	n/a	n/a	1.151%	1.581%
%RSD		0.879	0.832	0.982	0.218	0.185	0.546	1.445	1.970
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	20:25:50	94.050	94.680	94.320	95.020	94.680	72.558%		
2	20:26:34	94.430	94.990	95.420	95.320	95.490	74.802%		
3	20:27:17	94.410	94.700	94.460	94.690	94.670	76.002%		
x		94.297%	94.791%	94.733%	95.013%	94.949%	74.454%		
σ		n/a	n/a	n/a	n/a	n/a	1.748%		
%RSD		0.228	0.186	0.636	0.329	0.496	2.348		

CCB6 12/21/2012 8:32:26 PM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:33:08	88.063%	-0.030	1.085	1.102	0.000	2.218	3.328	3.819
2	20:33:51	87.797%	-0.042	1.025	1.101	0.000	2.031	2.993	3.672
3	20:34:34	89.234%	-0.036	0.895	0.905	0.000	2.134	3.341	3.600
X		88.365%	-0.036	1.002	1.036	0.000	2.128	3.221	3.697
σ		0.765%	0.006	0.097	0.113	0.000	0.094	0.198	0.112
%RSD		0.866	16.110	9.678	10.950	0.000	4.414	6.136	3.029
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:33:08	1.245	-0.527	0.000	-4.499	5.916	0.980	103.375%	0.035
2	20:33:51	1.226	-0.516	0.000	-4.249	5.099	0.848	101.264%	-0.022
3	20:34:34	1.103	-0.626	0.000	-4.763	-4.543	0.855	100.209%	-0.026
X		1.191	-0.556	0.000	-4.504	2.158	0.894	101.616%	-0.004
σ		0.077	0.061	0.000	0.257	5.817	0.074	1.612%	0.034
%RSD		6.440	10.910	0.000	5.712	269.600	8.302	1.586	806.400
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:33:08	0.043	0.003	0.451	11.620	15.910	-0.007	-0.025	-0.021
2	20:33:51	0.023	0.006	0.415	8.788	13.570	-0.004	-0.027	-0.014
3	20:34:34	0.004	0.020	0.430	5.445	11.130	-0.009	-0.025	-0.017
X		0.024	0.010	0.432	8.618	13.540	-0.007	-0.026	-0.017
σ		0.020	0.009	0.018	3.091	2.390	0.002	0.001	0.004
%RSD		83.140	93.570	4.124	35.860	17.660	32.050	4.060	21.330
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:33:08	-0.010	-0.243	-0.395	-0.256	-0.099	-1.047	0.000	0.012
2	20:33:51	-0.018	-0.356	-0.244	-0.081	0.061	-0.635	0.000	0.013
3	20:34:34	-0.029	-0.203	-0.286	-0.088	-0.016	-0.385	0.000	0.015
X		-0.019	-0.267	-0.309	-0.142	-0.018	-0.689	0.000	0.013
σ		0.009	0.080	0.078	0.099	0.080	0.334	0.000	0.002
%RSD		49.130	29.800	25.160	69.680	444.000	48.480	0.000	13.400
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:33:08	90.878%	0.312	0.312	88.178%	0.003	0.002	-0.066	-0.030
2	20:33:51	92.505%	0.270	0.285	88.884%	-0.004	-0.001	-0.086	-0.026
3	20:34:34	92.804%	0.251	0.211	90.071%	-0.013	0.005	-0.084	-0.032
X		92.063%	0.278	0.269	89.044%	-0.005	0.002	-0.079	-0.029
σ		1.036%	0.031	0.053	0.957%	0.008	0.003	0.011	0.003
%RSD		1.126	11.250	19.520	1.074	168.200	121.700	14.120	9.755
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:33:08	85.409%	-0.200	-0.039	-0.037	0.012	0.030	81.117%	81.578%
2	20:33:51	88.113%	-0.185	-0.049	-0.050	0.010	0.024	84.638%	84.287%
3	20:34:34	88.137%	-0.300	-0.055	-0.044	0.030	0.021	84.529%	85.013%
X		87.220%	-0.228	-0.047	-0.044	0.017	0.025	83.428%	83.626%
σ		1.568%	0.063	0.008	0.007	0.011	0.004	2.002%	1.810%
%RSD		1.798	27.470	16.150	15.280	62.970	17.410	2.400	2.165
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	20:33:08	0.006	0.010	0.114	0.120	0.112	99.597%		
2	20:33:51	0.008	0.003	0.090	0.100	0.092	101.519%		
3	20:34:34	0.002	0.010	0.091	0.087	0.091	101.499%		
X		0.005	0.008	0.098	0.102	0.098	100.872%		
σ		0.003	0.004	0.014	0.017	0.012	1.104%		
%RSD		49.000	55.110	13.870	16.680	12.060	1.094		

CRI 668876 12/21/2012 8:41:07 PM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:41:50	92.515%	0.910	5.980	6.347	0.000	85.730	86.920	90.250
2	20:42:33	91.449%	0.814	6.884	6.378	0.000	85.460	87.630	88.170
3	20:43:16	90.738%	0.914	6.768	6.494	0.000	84.950	88.560	91.470
X		91.568%	87.960%	130.883%	128.133%	0.000	85.381%	87.705%	89.963%
σ		0.894%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		0.977	6.419	7.515	1.207	0.000	0.463	0.934	1.853
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:41:50	29.980	481.700	0.000	88.020	111.200	102.800	101.455%	4.973
2	20:42:33	29.250	475.100	0.000	86.450	108.100	101.600	99.356%	4.385
3	20:43:16	30.300	486.100	0.000	89.710	103.900	106.900	97.534%	5.063
X		99.479%	96.193%	0.000	88.061%	107.762%	103.790%	99.449%	96.140%
σ		n/a	n/a	0.000	n/a	n/a	n/a	1.962%	n/a
%RSD		1.810	1.145	0.000	1.848	3.404	2.637	1.973	7.662
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:41:50	0.821	1.914	5.192	59.590	56.770	0.484	1.054	2.060
2	20:42:33	0.902	1.892	5.216	57.180	56.510	0.490	1.089	2.059
3	20:43:16	0.929	1.929	5.288	62.620	59.020	0.496	0.984	2.199
X		88.416%	95.588%	1046.417%	119.590%	114.870%	98.014%	104.209%	105.302%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		6.388	0.988	0.947	4.558	2.406	1.265	5.130	3.824
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:41:50	2.168	4.913	5.133	1.232	5.658	5.841	0.000	5.044
2	20:42:33	2.118	4.837	5.182	1.213	5.498	5.611	0.000	5.064
3	20:43:16	2.126	4.823	5.239	1.054	5.694	5.568	0.000	5.033
X		106.846%	97.157%	103.698%	116.640%	112.331%	113.471%	0.000	100.941%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		1.257	1.000	1.023	8.405	1.855	2.591	0.000	0.312
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:41:50	85.694%	4.831	4.828	92.177%	0.938	0.985	0.961	1.056
2	20:42:33	86.729%	4.846	4.843	92.797%	0.933	0.977	1.064	1.051
3	20:43:16	86.547%	5.069	4.951	92.888%	0.977	1.065	0.975	1.091
X		86.323%	98.306%	97.479%	92.621%	94.953%	100.912%	99.984%	106.593%
σ		0.553%	n/a	n/a	0.387%	n/a	n/a	n/a	n/a
%RSD		0.640	2.721	1.372	0.418	2.539	4.845	5.637	2.024
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:41:50	83.926%	5.006	1.952	1.788	10.050	10.100	83.889%	84.400%
2	20:42:33	85.914%	4.959	1.906	1.931	10.330	10.120	86.705%	87.092%
3	20:43:16	86.249%	5.190	2.042	1.929	10.320	10.220	86.968%	87.241%
X		85.363%	101.030%	98.329%	94.132%	102.339%	101.430%	85.854%	86.244%
σ		1.256%	n/a	n/a	n/a	n/a	n/a	1.707%	1.599%
%RSD		1.471	2.422	3.528	4.356	1.526	0.626	1.988	1.854
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	20:41:50	0.827	0.858	0.949	0.929	0.936	96.739%		
2	20:42:33	0.888	0.895	0.936	0.938	0.940	98.806%		
3	20:43:16	0.901	0.887	0.954	0.962	0.960	99.359%		
X		87.186%	88.026%	94.670%	94.285%	94.555%	98.301%		
σ		n/a	n/a	n/a	n/a	n/a	1.381%		
%RSD		4.552	2.205	0.975	1.823	1.377	1.405		

CCV 664806 12/21/2012 8:48:23 PM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:49:06	74.061%	104.000	96.830	97.520	0.000	51060.000	51080.000	49730.000
2	20:49:49	70.429%	106.700	102.600	99.480	0.000	50560.000	48960.000	49200.000
3	20:50:32	71.492%	103.700	100.500	97.590	0.000	50180.000	48510.000	48680.000
X		71.994%	104.794%	99.977%	98.195%	0.000	101.203%	99.028%	98.406%
σ		1.868%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		2.594	1.569	2.914	1.130	0.000	0.873	2.772	1.075
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:49:06	466.900	5389.000	0.000	49410.000	45190.000	48710.000	93.735%	93.720
2	20:49:49	465.400	5360.000	0.000	50160.000	45700.000	49170.000	91.197%	96.010
3	20:50:32	461.300	5295.000	0.000	49960.000	45830.000	49300.000	90.852%	94.680
X		92.906%	106.956%	0.000	99.689%	91.153%	98.121%	91.928%	94.804%
σ		n/a	n/a	0.000	n/a	n/a	n/a	1.574%	n/a
%RSD		0.626	0.896	0.000	0.784	0.746	0.637	1.712	1.216
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:49:06	90.160	91.530	497.900	24930.000	24840.000	92.300	92.120	93.760
2	20:49:49	91.610	91.120	504.000	25130.000	25130.000	93.110	93.990	95.070
3	20:50:32	90.590	91.600	498.700	25040.000	25270.000	92.970	94.030	95.560
X		90.786%	91.417%	100.043%	100.129%	100.321%	92.793%	93.381%	94.797%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		0.823	0.282	0.667	0.395	0.864	0.467	1.171	0.983
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:49:06	94.880	93.750	94.140	100.000	99.880	103.200	0.000	98.130
2	20:49:49	95.300	95.520	94.760	99.610	102.300	104.700	0.000	98.600
3	20:50:32	95.940	95.770	95.380	97.600	101.500	102.700	0.000	98.470
X		95.374%	95.012%	94.759%	99.072%	101.211%	103.533%	0.000	98.402%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		0.562	1.161	0.652	1.301	1.211	0.987	0.000	0.246
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:49:06	78.743%	97.730	96.990	76.832%	94.000	95.300	95.010	96.100
2	20:49:49	79.568%	99.760	99.960	76.864%	95.950	96.240	96.610	95.110
3	20:50:32	80.019%	102.200	102.700	77.006%	95.930	96.240	95.570	96.120
X		79.443%	99.913%	99.878%	76.900%	95.292%	95.927%	95.731%	95.776%
σ		0.647%	n/a	n/a	0.093%	n/a	n/a	n/a	n/a
%RSD		0.814	2.265	2.853	0.121	1.177	0.566	0.851	0.600
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:49:06	77.411%	93.640	93.340	93.140	95.840	93.130	79.631%	79.649%
2	20:49:49	79.221%	94.520	94.450	94.360	95.320	94.120	82.018%	82.417%
3	20:50:32	79.882%	94.740	93.930	94.450	93.810	93.520	82.706%	82.838%
X		78.838%	94.297%	93.908%	93.983%	94.992%	93.589%	81.452%	81.635%
σ		1.279%	n/a	n/a	n/a	n/a	n/a	1.614%	1.733%
%RSD		1.623	0.617	0.594	0.779	1.109	0.533	1.981	2.122
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	20:49:06	89.540	89.580	89.290	89.060	89.590	77.453%		
2	20:49:49	92.970	93.100	93.130	93.370	93.210	77.841%		
3	20:50:32	93.620	93.860	93.690	93.550	93.690	78.058%		
X		92.045%	92.183%	92.037%	91.993%	92.163%	77.784%		
σ		n/a	n/a	n/a	n/a	n/a	0.307%		
%RSD		2.383	2.478	2.599	2.764	2.432	0.395		

CCB7 12/21/2012 8:55:40 PM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:56:23	108.937%	-0.034	0.662	0.648	0.000	2.677	3.866	4.391
2	20:57:06	109.164%	-0.032	0.663	0.613	0.000	2.529	3.939	4.233
3	20:57:49	105.070%	-0.025	0.635	0.538	0.000	2.643	4.440	4.463
X		107.724%	-0.030	0.653	0.600	0.000	2.616	4.082	4.362
σ		2.301%	0.005	0.016	0.056	0.000	0.078	0.313	0.117
%RSD		2.136	14.820	2.447	9.413	0.000	2.966	7.665	2.695
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:56:23	1.305	-1.752	0.000	-4.954	3.948	1.063	115.571%	0.008
2	20:57:06	1.330	-2.288	0.000	-5.981	5.919	0.311	113.055%	-0.043
3	20:57:49	1.264	-1.347	0.000	-5.995	7.746	1.656	111.553%	-0.016
X		1.300	-1.796	0.000	-5.644	5.871	1.010	113.393%	-0.017
σ		0.034	0.472	0.000	0.597	1.900	0.674	2.030%	0.026
%RSD		2.581	26.280	0.000	10.580	32.360	66.750	1.790	147.800
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:56:23	0.005	0.003	0.267	7.832	13.770	0.000	-0.028	-0.014
2	20:57:06	0.021	-0.000	0.271	6.616	11.660	0.003	-0.010	0.001
3	20:57:49	0.028	-0.005	0.267	4.765	9.644	0.001	-0.001	-0.020
X		0.018	-0.001	0.268	6.404	11.690	0.001	-0.013	-0.011
σ		0.012	0.004	0.002	1.544	2.061	0.002	0.014	0.011
%RSD		64.110	382.700	0.913	24.120	17.640	117.200	106.000	94.940
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:56:23	-0.004	-0.388	-0.335	-0.163	0.122	-0.359	0.000	0.024
2	20:57:06	-0.028	-0.235	-0.277	-0.159	0.161	-0.271	0.000	0.022
3	20:57:49	0.009	-0.150	-0.264	-0.045	0.240	-0.132	0.000	0.024
X		-0.008	-0.258	-0.292	-0.122	0.175	-0.254	0.000	0.023
σ		0.019	0.121	0.038	0.067	0.060	0.114	0.000	0.001
%RSD		249.700	46.840	12.850	54.830	34.530	44.940	0.000	6.288
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:56:23	91.280%	0.254	0.264	91.921%	-0.001	-0.000	-0.078	-0.017
2	20:57:06	91.589%	0.256	0.222	91.735%	-0.000	-0.000	-0.010	0.001
3	20:57:49	92.170%	0.179	0.205	92.676%	-0.002	-0.003	-0.061	-0.037
X		91.680%	0.230	0.230	92.111%	-0.001	-0.001	-0.050	-0.018
σ		0.452%	0.044	0.031	0.499%	0.001	0.001	0.035	0.019
%RSD		0.493	19.040	13.300	0.541	71.760	131.700	70.910	106.500
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:56:23	83.168%	-0.053	-0.032	-0.030	0.032	0.025	83.140%	83.248%
2	20:57:06	84.742%	-0.138	-0.047	-0.028	0.019	0.042	85.807%	86.193%
3	20:57:49	85.268%	-0.081	-0.056	-0.047	0.034	0.028	86.035%	86.413%
X		84.393%	-0.090	-0.045	-0.035	0.028	0.032	84.994%	85.284%
σ		1.092%	0.043	0.012	0.010	0.008	0.009	1.610%	1.767%
%RSD		1.294	47.940	26.040	29.390	29.530	28.060	1.894	2.072
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	20:56:23	0.018	0.011	0.048	0.050	0.046	95.879%		
2	20:57:06	0.004	0.009	0.042	0.034	0.036	98.653%		
3	20:57:49	0.008	0.010	0.041	0.041	0.035	99.634%		
X		0.010	0.010	0.044	0.042	0.039	98.055%		
σ		0.007	0.001	0.004	0.008	0.006	1.948%		
%RSD		70.860	10.040	8.096	19.180	15.380	1.986		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:00:45	70.729%	-0.006	97.230	98.710	0.000	263300.000	33860.000	34950.000
2	21:01:28	69.536%	-0.009	94.570	95.120	0.000	257900.000	33810.000	35660.000
3	21:02:11	66.150%	-0.003	95.480	97.670	0.000	261600.000	34410.000	35920.000
X		68.805%	-0.006	95.760	97.160	0.000	260900.000	34020.000	35510.000
σ		2.375%	0.003	1.352	1.848	0.000	2786.000	332.300	503.200
%RSD		3.452	54.430	1.412	1.901	0.000	1.068	0.977	1.417
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:00:45	25.320	6528.000	0.000	12940.000	127900.000	142900.000	67.110%	3.415
2	21:01:28	25.270	6447.000	0.000	12820.000	129200.000	141900.000	63.303%	3.738
3	21:02:11	25.760	6523.000	0.000	12780.000	129200.000	142300.000	62.635%	3.575
X		25.450	6499.000	0.000	12850.000	128800.000	142400.000	64.349%	3.576
σ		0.269	45.640	0.000	86.620	735.500	500.700	2.414%	0.162
%RSD		1.056	0.702	0.000	0.674	0.571	0.352	3.752	4.522
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:00:45	2.914	1.247	8529.000	4264.000	4416.000	1.294	1.681	2.834
2	21:01:28	2.466	1.199	8606.000	4353.000	4435.000	1.327	1.612	2.889
3	21:02:11	3.091	1.189	8649.000	4342.000	4432.000	1.298	1.425	2.833
X		2.824	1.212	8595.000	4320.000	4428.000	1.307	1.573	2.852
σ		0.322	0.031	60.760	48.660	10.490	0.018	0.133	0.032
%RSD		11.410	2.568	0.707	1.127	0.237	1.382	8.424	1.123
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:00:45	1.837	5.857	5.704	4.687	0.752	2.357	0.000	663.900
2	21:01:28	1.704	6.174	6.022	5.268	0.751	2.938	0.000	658.100
3	21:02:11	1.715	6.237	5.816	4.866	0.680	2.418	0.000	658.700
X		1.752	6.089	5.847	4.940	0.728	2.571	0.000	660.200
σ		0.074	0.204	0.162	0.297	0.041	0.319	0.000	3.171
%RSD		4.214	3.347	2.762	6.022	5.658	12.420	0.000	0.480
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:00:45	68.059%	0.723	0.655	66.755%	-0.013	-0.002	-0.047	-0.038
2	21:01:28	67.478%	0.654	0.659	66.121%	-0.010	-0.015	-0.043	-0.005
3	21:02:11	66.566%	0.584	0.597	65.238%	-0.019	-0.004	-0.068	-0.018
X		67.368%	0.654	0.637	66.038%	-0.014	-0.007	-0.053	-0.020
σ		0.752%	0.069	0.035	0.762%	0.005	0.007	0.013	0.017
%RSD		1.117	10.570	5.511	1.154	33.390	98.810	24.820	82.790
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:00:45	66.060%	1.557	0.191	0.249	147.700	147.800	71.099%	71.732%
2	21:01:28	65.634%	1.136	0.188	0.229	151.600	149.900	72.239%	73.101%
3	21:02:11	65.710%	1.054	0.188	0.212	149.400	148.800	72.883%	73.688%
X		65.801%	1.249	0.189	0.230	149.600	148.800	72.073%	72.841%
σ		0.227%	0.270	0.002	0.018	1.988	1.041	0.903%	1.004%
%RSD		0.345	21.630	0.980	7.898	1.329	0.699	1.254	1.378
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	21:00:45	-0.002	0.004	0.764	0.703	0.748	69.273%		
2	21:01:28	-0.001	0.007	0.780	0.769	0.775	70.836%		
3	21:02:11	0.006	0.005	0.790	0.805	0.765	71.104%		
X		0.001	0.005	0.778	0.759	0.763	70.404%		
σ		0.004	0.001	0.013	0.052	0.014	0.989%		
%RSD		588.600	24.960	1.698	6.830	1.786	1.405		

180-17032-A-14-A 12/21/2012 9:04:22 PM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:05:05	76.694%	-0.016	73.910	74.660	0.000	93150.000	13410.000	13940.000
2	21:05:48	74.733%	-0.000	71.980	74.710	0.000	93050.000	13290.000	13960.000
3	21:06:31	73.977%	-0.021	77.500	76.840	0.000	94000.000	13510.000	14250.000
X		75.135%	-0.012	74.470	75.400	0.000	93400.000	13400.000	14050.000
σ		1.403%	0.011	2.803	1.247	0.000	525.700	113.500	174.800
%RSD		1.867	86.920	3.764	1.654	0.000	0.563	0.847	1.244
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:05:05	8.050	4369.000	0.000	6097.000	58890.000	64470.000	68.457%	1.834
2	21:05:48	7.687	4312.000	0.000	5871.000	57300.000	62350.000	68.973%	1.793
3	21:06:31	7.911	4368.000	0.000	5904.000	58160.000	63240.000	67.288%	1.899
X		7.883	4350.000	0.000	5957.000	58120.000	63350.000	68.239%	1.842
σ		0.183	32.390	0.000	122.300	799.900	1066.000	0.863%	0.054
%RSD		2.321	0.745	0.000	2.054	1.376	1.682	1.265	2.911
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:05:05	1.822	0.993	614.600	42750.000	42270.000	0.357	1.983	0.836
2	21:05:48	2.400	0.893	605.600	40950.000	40570.000	0.314	1.858	0.897
3	21:06:31	0.788	0.868	616.200	41820.000	41180.000	0.336	1.853	0.874
X		1.670	0.918	612.100	41840.000	41340.000	0.336	1.898	0.869
σ		0.816	0.066	5.711	899.500	861.900	0.022	0.074	0.031
%RSD		48.890	7.230	0.933	2.150	2.085	6.414	3.897	3.547
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:05:05	0.564	0.775	0.669	6.666	0.022	1.486	0.000	343.400
2	21:05:48	0.530	0.940	0.759	7.261	0.066	1.580	0.000	343.300
3	21:06:31	0.406	0.739	0.710	6.441	0.037	1.126	0.000	345.200
X		0.500	0.818	0.713	6.790	0.042	1.397	0.000	344.000
σ		0.083	0.107	0.045	0.424	0.022	0.240	0.000	1.067
%RSD		16.620	13.080	6.350	6.239	53.960	17.150	0.000	0.310
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:05:05	70.700%	0.210	0.201	70.852%	-0.022	-0.015	-0.019	0.003
2	21:05:48	72.517%	0.182	0.188	72.056%	-0.018	-0.014	-0.059	-0.049
3	21:06:31	71.998%	0.151	0.159	71.966%	-0.021	-0.010	-0.086	-0.058
X		71.739%	0.181	0.183	71.624%	-0.020	-0.013	-0.055	-0.034
σ		0.936%	0.030	0.022	0.671%	0.002	0.003	0.034	0.033
%RSD		1.305	16.390	12.010	0.936	9.365	20.120	61.750	96.330
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:05:05	68.745%	0.721	0.051	0.070	114.500	113.400	74.525%	74.829%
2	21:05:48	70.519%	0.673	0.040	0.043	113.700	112.600	77.048%	77.362%
3	21:06:31	70.845%	0.588	0.024	0.071	114.500	114.200	76.979%	78.413%
X		70.037%	0.661	0.038	0.061	114.300	113.400	76.184%	76.868%
σ		1.130%	0.068	0.014	0.016	0.457	0.821	1.437%	1.842%
%RSD		1.614	10.240	35.130	25.570	0.400	0.723	1.886	2.397
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	21:05:05	-0.010	-0.007	0.165	0.178	0.168	74.325%		
2	21:05:48	0.002	-0.001	0.134	0.166	0.153	77.502%		
3	21:06:31	-0.010	0.000	0.173	0.148	0.161	77.824%		
X		-0.006	-0.002	0.157	0.164	0.161	76.550%		
σ		0.007	0.004	0.021	0.015	0.007	1.934%		
%RSD		119.100	152.100	13.170	9.299	4.536	2.527		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:09:24	75.300%	-0.010	62.130	63.650	0.000	80210.000	7188.000	7563.000
2	21:10:07	72.364%	-0.012	61.930	61.110	0.000	76210.000	7015.000	7414.000
3	21:10:50	71.863%	-0.026	61.260	64.120	0.000	78520.000	7184.000	7553.000
x		73.176%	-0.016	61.770	62.960	0.000	78310.000	7129.000	7510.000
σ		1.857%	0.009	0.457	1.619	0.000	2005.000	98.760	83.590
%RSD		2.538	55.000	0.739	2.572	0.000	2.561	1.385	1.113
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:09:24	4.203	3839.000	0.000	3157.000	50300.000	55550.000	66.193%	1.241
2	21:10:07	4.283	3747.000	0.000	3034.000	48700.000	53430.000	66.017%	1.372
3	21:10:50	4.119	3763.000	0.000	3096.000	49400.000	54500.000	64.612%	1.136
x		4.201	3783.000	0.000	3096.000	49470.000	54490.000	65.607%	1.249
σ		0.082	49.100	0.000	61.600	799.900	1061.000	0.867%	0.118
%RSD		1.944	1.298	0.000	1.990	1.617	1.947	1.321	9.459
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:09:24	0.849	1.096	2578.000	12810.000	11500.000	0.174	0.958	0.885
2	21:10:07	2.485	0.942	2483.000	12410.000	11250.000	0.156	0.896	0.888
3	21:10:50	1.173	1.052	2526.000	12510.000	11370.000	0.160	0.799	0.923
x		1.502	1.030	2529.000	12580.000	11380.000	0.163	0.884	0.899
σ		0.867	0.079	47.590	213.000	125.200	0.009	0.080	0.021
%RSD		57.680	7.696	1.882	1.694	1.100	5.808	9.076	2.320
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:09:24	0.548	7.304	7.185	2.708	-0.058	0.720	0.000	216.600
2	21:10:07	0.571	6.518	6.890	3.162	-0.031	1.706	0.000	217.000
3	21:10:50	0.480	6.976	6.899	2.627	-0.277	0.938	0.000	218.300
x		0.533	6.933	6.991	2.833	-0.122	1.121	0.000	217.300
σ		0.047	0.395	0.168	0.288	0.135	0.518	0.000	0.893
%RSD		8.894	5.693	2.395	10.180	110.600	46.200	0.000	0.411
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:09:24	70.055%	0.209	0.248	71.352%	-0.023	-0.019	-0.075	-0.058
2	21:10:07	70.407%	0.303	0.231	71.170%	-0.016	-0.016	-0.096	-0.035
3	21:10:50	70.423%	0.224	0.255	70.700%	-0.016	-0.013	-0.131	-0.105
x		70.295%	0.245	0.244	71.074%	-0.018	-0.016	-0.101	-0.066
σ		0.208%	0.051	0.012	0.336%	0.004	0.003	0.028	0.035
%RSD		0.296	20.600	5.026	0.473	21.820	17.670	28.200	53.340
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:09:24	69.145%	0.626	0.038	0.073	48.890	48.040	74.536%	75.279%
2	21:10:07	69.825%	0.627	0.056	0.112	48.100	48.090	76.785%	77.848%
3	21:10:50	69.589%	0.705	0.072	0.071	49.280	48.250	76.521%	77.508%
x		69.520%	0.653	0.055	0.085	48.750	48.130	75.947%	76.878%
σ		0.345%	0.045	0.017	0.023	0.602	0.107	1.229%	1.396%
%RSD		0.497	6.910	30.890	26.880	1.235	0.222	1.618	1.816
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	21:09:24	-0.009	-0.004	0.081	0.113	0.094	76.498%		
2	21:10:07	-0.010	-0.003	0.093	0.093	0.082	78.707%		
3	21:10:50	-0.003	-0.003	0.070	0.093	0.083	79.412%		
x		-0.007	-0.003	0.082	0.099	0.086	78.206%		
σ		0.004	0.001	0.012	0.012	0.007	1.520%		
%RSD		54.880	18.930	14.200	11.690	7.708	1.943		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:13:46	76.323%	-0.027	22.430	22.400	0.000	34780.000	2021.000	2106.000
2	21:14:29	74.807%	-0.024	21.940	22.570	0.000	35030.000	2019.000	2117.000
3	21:15:12	74.758%	-0.038	21.150	21.980	0.000	33890.000	1998.000	2115.000
X		75.296%	-0.030	21.840	22.320	0.000	34570.000	2012.000	2113.000
σ		0.890%	0.007	0.646	0.305	0.000	603.200	12.570	5.858
%RSD		1.182	24.670	2.958	1.366	0.000	1.745	0.625	0.277
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:13:46	45.030	4585.000	0.000	12350.000	11750.000	11400.000	68.939%	3.699
2	21:14:29	44.330	4699.000	0.000	12290.000	11760.000	11480.000	67.494%	3.803
3	21:15:12	44.130	4619.000	0.000	12150.000	11760.000	11540.000	66.368%	3.514
X		44.500	4635.000	0.000	12260.000	11750.000	11470.000	67.600%	3.672
σ		0.474	58.620	0.000	104.600	7.023	68.830	1.289%	0.147
%RSD		1.065	1.265	0.000	0.853	0.060	0.600	1.907	3.997
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:13:46	1.656	1.997	210.400	13550.000	11840.000	0.130	2.615	1.106
2	21:14:29	3.810	1.619	208.100	13400.000	11940.000	0.123	2.459	1.095
3	21:15:12	5.204	1.598	206.600	13300.000	11920.000	0.105	2.265	1.039
X		3.557	1.738	208.400	13420.000	11900.000	0.119	2.446	1.080
σ		1.788	0.225	1.946	127.300	52.650	0.013	0.175	0.036
%RSD		50.260	12.940	0.934	0.949	0.443	10.700	7.164	3.316
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:13:46	0.970	7.967	8.127	-0.027	-0.215	1.004	0.000	69.820
2	21:14:29	0.922	8.303	7.780	0.199	-0.211	0.462	0.000	70.840
3	21:15:12	0.832	8.126	7.990	0.305	-0.204	1.131	0.000	70.060
X		0.908	8.132	7.966	0.159	-0.210	0.866	0.000	70.240
σ		0.070	0.168	0.175	0.169	0.005	0.355	0.000	0.535
%RSD		7.763	2.069	2.195	106.400	2.547	41.020	0.000	0.761
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:13:46	71.144%	0.248	0.251	73.071%	-0.017	-0.007	-0.025	-0.017
2	21:14:29	71.064%	0.256	0.226	72.960%	-0.017	-0.010	-0.105	-0.077
3	21:15:12	71.237%	0.232	0.219	73.217%	-0.017	-0.006	-0.097	-0.041
X		71.148%	0.245	0.232	73.083%	-0.017	-0.008	-0.075	-0.045
σ		0.087%	0.012	0.017	0.129%	0.000	0.002	0.044	0.030
%RSD		0.122	4.900	7.294	0.176	1.716	26.260	58.540	66.970
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:13:46	69.205%	0.638	0.078	0.118	17.980	17.960	74.849%	75.597%
2	21:14:29	70.617%	0.707	0.098	0.103	17.890	17.610	76.668%	78.033%
3	21:15:12	71.164%	0.609	0.098	0.103	17.410	17.650	77.352%	78.412%
X		70.328%	0.651	0.091	0.108	17.760	17.740	76.290%	77.348%
σ		1.011%	0.050	0.011	0.009	0.309	0.191	1.294%	1.528%
%RSD		1.437	7.750	12.370	8.349	1.740	1.079	1.696	1.975
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	21:13:46	-0.003	-0.004	0.705	0.661	0.674	78.317%		
2	21:14:29	-0.005	0.002	0.645	0.658	0.656	80.282%		
3	21:15:12	-0.008	0.000	0.665	0.693	0.673	80.957%		
X		-0.005	-0.000	0.672	0.671	0.668	79.852%		
σ		0.003	0.003	0.030	0.020	0.010	1.372%		
%RSD		47.430	597.600	4.536	2.912	1.516	1.718		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:18:05	73.009%	-0.015	76.800	78.960	0.000	16350.000	46310.000	47980.000
2	21:18:48	72.451%	-0.022	74.660	79.460	0.000	15870.000	45940.000	48030.000
3	21:19:31	70.438%	-0.020	77.970	79.990	0.000	15820.000	45520.000	47890.000
X		71.966%	-0.019	76.480	79.470	0.000	16010.000	45920.000	47970.000
σ		1.352%	0.003	1.681	0.518	0.000	293.000	394.800	70.020
%RSD		1.879	18.250	2.198	0.652	0.000	1.830	0.860	0.146
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:18:05	1.454	7708.000	0.000	6127.000	65110.000	71170.000	67.172%	0.963
2	21:18:48	1.553	7763.000	0.000	5928.000	64650.000	71640.000	65.501%	1.187
3	21:19:31	1.496	7608.000	0.000	5865.000	64580.000	71010.000	65.624%	0.869
X		1.501	7693.000	0.000	5973.000	64780.000	71270.000	66.099%	1.006
σ		0.050	78.470	0.000	137.100	286.500	329.200	0.932%	0.163
%RSD		3.310	1.020	0.000	2.295	0.442	0.462	1.409	16.220
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:18:05	1.874	2.943	1.030	31.650	339.600	0.157	2.586	1.477
2	21:18:48	1.254	3.022	1.037	23.530	332.200	0.153	2.562	1.452
3	21:19:31	5.216	3.054	0.999	20.870	295.700	0.149	2.446	1.464
X		2.781	3.006	1.022	25.350	322.500	0.153	2.531	1.464
σ		2.131	0.057	0.020	5.615	23.500	0.004	0.075	0.013
%RSD		76.630	1.898	1.972	22.150	7.286	2.569	2.957	0.863
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:18:05	1.667	7.813	7.857	-0.738	2.087	2.569	0.000	294.500
2	21:18:48	1.536	7.847	7.780	-0.470	1.951	2.601	0.000	295.900
3	21:19:31	1.586	7.695	7.493	-0.224	1.984	4.516	0.000	295.800
X		1.597	7.785	7.710	-0.477	2.007	3.229	0.000	295.400
σ		0.066	0.080	0.192	0.257	0.071	1.115	0.000	0.792
%RSD		4.121	1.026	2.484	53.790	3.528	34.540	0.000	0.268
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:18:05	69.488%	0.253	0.194	71.250%	-0.022	-0.011	-0.091	-0.046
2	21:18:48	70.073%	0.203	0.222	71.232%	-0.022	-0.013	-0.109	-0.061
3	21:19:31	69.347%	0.223	0.218	70.652%	-0.021	-0.013	-0.161	-0.109
X		69.636%	0.226	0.211	71.045%	-0.022	-0.012	-0.120	-0.072
σ		0.385%	0.025	0.015	0.340%	0.001	0.002	0.036	0.033
%RSD		0.553	11.090	7.221	0.479	3.078	12.290	30.230	45.650
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:18:05	68.436%	0.372	0.026	0.061	39.180	38.810	74.219%	74.998%
2	21:18:48	69.568%	0.464	0.021	0.022	39.100	39.320	76.107%	76.671%
3	21:19:31	69.401%	0.479	0.031	0.054	40.330	39.120	76.924%	77.314%
X		69.135%	0.438	0.026	0.045	39.530	39.080	75.750%	76.328%
σ		0.611%	0.058	0.005	0.021	0.686	0.259	1.387%	1.196%
%RSD		0.884	13.160	18.630	45.570	1.735	0.662	1.831	1.567
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	21:18:05	-0.003	-0.003	0.037	0.029	0.038	77.573%		
2	21:18:48	-0.007	0.007	0.053	0.039	0.040	79.190%		
3	21:19:31	-0.006	-0.003	0.033	0.032	0.030	81.200%		
X		-0.005	0.000	0.041	0.033	0.036	79.321%		
σ		0.002	0.006	0.011	0.005	0.006	1.817%		
%RSD		37.250	1889.000	25.690	15.450	15.580	2.291		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:22:24	76.056%	-0.015	108.600	109.600	0.000	18450.000	17480.000	18470.000
2	21:23:07	73.792%	-0.013	109.100	109.000	0.000	18010.000	17410.000	18560.000
3	21:23:50	74.098%	-0.021	109.200	111.600	0.000	18100.000	17380.000	18160.000
X		74.649%	-0.016	109.000	110.100	0.000	18190.000	17420.000	18400.000
σ		1.228%	0.004	0.349	1.369	0.000	233.900	48.380	207.200
%RSD		1.645	23.100	0.320	1.243	0.000	1.286	0.278	1.126
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:22:24	47.030	6617.000	0.000	7922.000	61360.000	66700.000	68.171%	2.031
2	21:23:07	46.050	6572.000	0.000	7877.000	60260.000	66690.000	66.208%	2.398
3	21:23:50	45.180	6480.000	0.000	7982.000	62140.000	68360.000	66.031%	1.718
X		46.090	6556.000	0.000	7927.000	61250.000	67250.000	66.803%	2.049
σ		0.927	70.080	0.000	53.060	946.500	957.200	1.188%	0.340
%RSD		2.012	1.069	0.000	0.669	1.545	1.423	1.778	16.610
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:22:24	2.608	1.271	1371.000	19970.000	17910.000	3.596	4.040	1.192
2	21:23:07	2.026	1.170	1363.000	20100.000	18190.000	3.574	3.924	1.098
3	21:23:50	3.509	1.129	1373.000	20010.000	17940.000	3.608	3.955	1.032
X		2.714	1.190	1369.000	20030.000	18010.000	3.593	3.973	1.107
σ		0.747	0.073	5.258	65.670	151.300	0.017	0.060	0.080
%RSD		27.540	6.150	0.384	0.328	0.840	0.476	1.507	7.252
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:22:24	1.246	2.837	3.102	6.427	-0.228	0.684	0.000	245.000
2	21:23:07	1.268	3.042	3.121	6.071	0.030	1.076	0.000	247.700
3	21:23:50	1.186	3.045	2.930	4.905	-0.167	0.730	0.000	251.300
X		1.233	2.975	3.051	5.801	-0.122	0.830	0.000	248.000
σ		0.043	0.120	0.105	0.796	0.135	0.214	0.000	3.155
%RSD		3.466	4.016	3.452	13.720	111.100	25.800	0.000	1.272
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:22:24	71.058%	0.654	0.671	72.273%	-0.019	-0.012	-0.064	-0.038
2	21:23:07	70.857%	0.600	0.620	72.415%	-0.014	-0.018	-0.053	-0.010
3	21:23:50	70.784%	0.635	0.652	71.843%	-0.024	-0.016	-0.077	-0.048
X		70.900%	0.630	0.647	72.177%	-0.019	-0.015	-0.065	-0.032
σ		0.142%	0.028	0.026	0.298%	0.005	0.003	0.012	0.020
%RSD		0.200	4.418	3.972	0.413	26.870	19.290	18.740	61.860
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:22:24	68.553%	0.479	0.067	0.077	25.280	25.480	74.100%	74.921%
2	21:23:07	69.945%	0.457	0.059	0.087	26.010	25.390	76.569%	77.227%
3	21:23:50	70.086%	0.522	0.060	0.100	26.070	25.930	76.341%	77.585%
X		69.528%	0.486	0.062	0.088	25.790	25.600	75.670%	76.578%
σ		0.848%	0.033	0.004	0.012	0.441	0.289	1.365%	1.446%
%RSD		1.219	6.853	7.181	13.190	1.710	1.129	1.804	1.888
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	21:22:24	-0.002	-0.000	0.186	0.181	0.193	76.563%		
2	21:23:07	0.000	-0.004	0.182	0.164	0.167	79.276%		
3	21:23:50	-0.010	0.003	0.180	0.164	0.170	78.713%		
X		-0.004	-0.000	0.183	0.170	0.176	78.184%		
σ		0.005	0.004	0.003	0.010	0.014	1.432%		
%RSD		140.600	862.600	1.445	5.909	7.975	1.832		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:26:44	71.676%	-0.019	6.639	7.209	0.000	33020.000	45880.000	47830.000
2	21:27:27	71.547%	-0.023	6.579	6.520	0.000	32700.000	45420.000	47820.000
3	21:28:10	70.262%	-0.015	5.812	6.360	0.000	32630.000	45810.000	48440.000
X		71.162%	-0.019	6.343	6.696	0.000	32780.000	45700.000	48030.000
σ		0.782%	0.004	0.461	0.452	0.000	209.400	247.800	356.100
%RSD		1.099	22.690	7.272	6.744	0.000	0.639	0.542	0.741
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:26:44	2.580	7497.000	0.000	2361.000	46480.000	52620.000	65.805%	1.055
2	21:27:27	2.256	7354.000	0.000	2356.000	46550.000	51930.000	63.294%	1.084
3	21:28:10	2.580	7490.000	0.000	2322.000	46620.000	51890.000	63.114%	1.034
X		2.472	7447.000	0.000	2347.000	46550.000	52150.000	64.071%	1.058
σ		0.187	80.620	0.000	21.170	69.650	409.000	1.504%	0.025
%RSD		7.577	1.083	0.000	0.902	0.150	0.784	2.348	2.351
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:26:44	0.446	1.029	2733.000	11400.000	10080.000	2.987	3.589	0.367
2	21:27:27	0.676	1.077	2779.000	11420.000	10320.000	2.905	3.559	0.366
3	21:28:10	2.643	0.909	2755.000	11460.000	10150.000	2.927	3.356	0.381
X		1.255	1.005	2756.000	11430.000	10190.000	2.940	3.501	0.372
σ		1.207	0.087	23.060	26.240	123.500	0.042	0.127	0.008
%RSD		96.190	8.629	0.837	0.230	1.213	1.442	3.616	2.277
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:26:44	0.402	1.018	0.902	1.579	-0.269	0.882	0.000	332.100
2	21:27:27	0.335	0.910	0.781	1.196	-0.244	0.995	0.000	335.000
3	21:28:10	0.341	0.866	0.605	1.309	-0.423	0.931	0.000	340.100
X		0.359	0.931	0.763	1.362	-0.312	0.936	0.000	335.700
σ		0.037	0.078	0.149	0.197	0.097	0.057	0.000	4.079
%RSD		10.420	8.423	19.580	14.460	30.990	6.075	0.000	1.215
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:26:44	68.555%	0.426	0.461	69.754%	-0.020	-0.018	-0.120	-0.090
2	21:27:27	68.895%	0.531	0.481	69.871%	-0.017	-0.017	-0.064	-0.026
3	21:28:10	68.550%	0.424	0.455	69.079%	-0.017	-0.012	-0.166	-0.120
X		68.667%	0.460	0.466	69.568%	-0.018	-0.016	-0.116	-0.079
σ		0.198%	0.061	0.014	0.427%	0.002	0.004	0.051	0.048
%RSD		0.288	13.290	2.939	0.614	9.801	22.320	43.880	61.180
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:26:44	67.168%	0.564	0.053	0.112	211.700	210.400	72.960%	74.049%
2	21:27:27	67.883%	0.448	0.050	0.068	213.100	213.200	74.825%	75.969%
3	21:28:10	68.450%	0.519	0.070	0.109	211.300	213.500	75.639%	76.740%
X		67.834%	0.510	0.058	0.097	212.000	212.400	74.475%	75.586%
σ		0.643%	0.059	0.011	0.024	0.986	1.739	1.373%	1.386%
%RSD		0.948	11.490	19.020	25.210	0.465	0.819	1.844	1.834
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	21:26:44	-0.007	0.001	0.027	0.015	0.015	76.106%		
2	21:27:27	-0.005	0.001	0.011	0.016	0.011	78.159%		
3	21:28:10	-0.006	-0.001	0.013	0.016	0.015	79.608%		
X		-0.006	0.000	0.017	0.016	0.014	77.958%		
σ		0.001	0.001	0.009	0.001	0.002	1.760%		
%RSD		18.090	472.100	53.440	5.950	15.730	2.257		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:31:04	74.200%	-0.033	35.550	38.310	0.000	89680.000	32450.000	33790.000
2	21:31:47	71.560%	-0.026	35.920	38.430	0.000	88320.000	31900.000	33330.000
3	21:32:30	71.600%	-0.033	37.220	39.880	0.000	90620.000	32170.000	33810.000
X		72.453%	-0.031	36.230	38.870	0.000	89540.000	32180.000	33640.000
σ		1.513%	0.004	0.876	0.874	0.000	1154.000	277.900	269.200
%RSD		2.088	13.290	2.418	2.248	0.000	1.289	0.864	0.800
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:31:04	2.718	4261.000	0.000	6047.000	33680.000	37100.000	65.311%	1.046
2	21:31:47	2.592	4308.000	0.000	5967.000	33560.000	36620.000	64.673%	1.119
3	21:32:30	2.563	4341.000	0.000	6113.000	34290.000	37730.000	63.183%	0.953
X		2.624	4303.000	0.000	6043.000	33840.000	37150.000	64.389%	1.039
σ		0.082	40.450	0.000	73.060	391.400	553.500	1.092%	0.083
%RSD		3.134	0.940	0.000	1.209	1.157	1.490	1.696	7.973
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:31:04	2.986	0.827	741.700	18130.000	16250.000	4.839	1.583	1.125
2	21:31:47	2.782	0.809	738.900	18220.000	16360.000	4.870	1.655	1.086
3	21:32:30	2.164	0.792	762.900	18580.000	16610.000	4.979	1.789	1.097
X		2.644	0.810	747.800	18310.000	16410.000	4.896	1.676	1.103
σ		0.428	0.017	13.110	235.800	187.600	0.073	0.104	0.020
%RSD		16.200	2.104	1.753	1.288	1.143	1.498	6.217	1.807
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:31:04	0.687	6.343	5.723	1.451	-0.330	0.511	0.000	281.000
2	21:31:47	0.652	6.459	6.942	0.941	-0.256	0.381	0.000	282.000
3	21:32:30	0.666	6.677	6.737	1.950	-0.251	1.047	0.000	282.400
X		0.669	6.493	6.467	1.447	-0.279	0.646	0.000	281.800
σ		0.018	0.170	0.652	0.504	0.045	0.353	0.000	0.698
%RSD		2.629	2.612	10.090	34.860	15.980	54.630	0.000	0.248
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:31:04	68.379%	3.145	3.011	69.851%	-0.020	-0.015	-0.058	-0.034
2	21:31:47	68.555%	3.282	3.107	69.223%	-0.018	-0.010	-0.055	-0.010
3	21:32:30	68.574%	3.098	3.173	69.886%	-0.009	-0.020	-0.068	-0.029
X		68.503%	3.175	3.097	69.653%	-0.016	-0.015	-0.061	-0.024
σ		0.107%	0.096	0.081	0.373%	0.006	0.005	0.007	0.013
%RSD		0.157	3.012	2.628	0.535	35.730	30.970	11.390	53.450
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:31:04	67.865%	0.372	0.008	0.058	174.500	172.200	73.800%	74.222%
2	21:31:47	68.405%	0.347	0.053	0.049	173.200	174.600	74.934%	76.593%
3	21:32:30	68.239%	0.405	0.055	0.075	176.700	175.200	75.325%	76.493%
X		68.170%	0.375	0.039	0.060	174.800	174.000	74.686%	75.769%
σ		0.277%	0.029	0.027	0.013	1.750	1.583	0.792%	1.341%
%RSD		0.406	7.713	68.050	21.410	1.001	0.910	1.061	1.770
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	21:31:04	-0.007	-0.000	0.041	0.029	0.035	75.017%		
2	21:31:47	-0.005	-0.004	0.023	0.017	0.024	76.951%		
3	21:32:30	-0.005	-0.006	0.036	0.028	0.031	76.530%		
X		-0.006	-0.004	0.033	0.025	0.030	76.166%		
σ		0.001	0.003	0.009	0.007	0.006	1.017%		
%RSD		15.560	87.600	28.430	27.140	18.630	1.335		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:39:04	80.687%	-0.036	0.700	0.806	0.000	1.017	0.724	0.813
2	21:39:47	80.578%	-0.035	0.582	0.801	0.000	3.298	1.389	1.562
3	21:40:30	80.782%	-0.036	0.787	0.724	0.000	0.415	0.569	0.628
X		80.682%	-0.035	0.690	0.777	0.000	1.577	0.894	1.001
σ		0.102%	0.000	0.103	0.046	0.000	1.521	0.436	0.495
%RSD		0.127	1.271	14.900	5.972	0.000	96.460	48.710	49.420
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:39:04	-0.024	1.791	0.000	-5.835	-9.619	-0.328	89.567%	-0.075
2	21:39:47	0.235	3.252	0.000	0.832	-0.399	4.997	74.857%	0.013
3	21:40:30	0.124	1.680	0.000	-6.376	-3.054	-0.306	89.945%	-0.032
X		0.112	2.241	0.000	-3.793	-4.357	1.454	84.789%	-0.031
σ		0.130	0.877	0.000	4.015	4.746	3.068	8.604%	0.044
%RSD		116.700	39.150	0.000	105.800	108.900	211.000	10.147	140.400
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:39:04	0.000	0.113	0.052	5.306	4.562	-0.016	-0.058	-0.015
2	21:39:47	0.178	0.150	0.099	13.470	7.127	-0.017	-0.032	0.004
3	21:40:30	0.309	0.141	0.039	0.532	2.564	-0.015	-0.043	-0.008
X		0.162	0.135	0.063	6.436	4.751	-0.016	-0.045	-0.006
σ		0.155	0.019	0.032	6.542	2.287	0.001	0.013	0.010
%RSD		95.350	14.330	50.110	101.700	48.150	4.224	28.810	150.900
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:39:04	-0.018	-0.543	-0.347	-0.100	-0.183	0.150	0.000	0.009
2	21:39:47	0.006	-0.130	-0.156	0.218	0.052	0.625	0.000	0.016
3	21:40:30	-0.009	-0.492	-0.409	-0.021	0.007	0.085	0.000	0.006
X		-0.007	-0.388	-0.304	0.033	-0.041	0.286	0.000	0.011
σ		0.012	0.225	0.132	0.165	0.125	0.295	0.000	0.005
%RSD		176.300	58.060	43.450	508.500	301.300	103.000	0.000	50.130
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:39:04	78.340%	0.013	0.015	85.110%	-0.021	-0.014	-0.028	-0.026
2	21:39:47	79.548%	0.020	0.011	85.186%	-0.022	-0.016	-0.074	-0.036
3	21:40:30	80.011%	0.018	0.013	86.063%	-0.025	-0.018	-0.056	-0.016
X		79.300%	0.017	0.013	85.453%	-0.023	-0.016	-0.053	-0.026
σ		0.863%	0.003	0.002	0.530%	0.002	0.002	0.023	0.010
%RSD		1.088	18.810	13.020	0.620	9.219	12.380	43.860	39.180
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:39:04	76.686%	-0.300	-0.081	-0.076	0.031	0.011	78.730%	79.263%
2	21:39:47	78.997%	-0.317	-0.081	-0.079	0.021	0.020	80.971%	81.618%
3	21:40:30	79.497%	-0.438	-0.089	-0.083	0.017	0.015	82.499%	82.497%
X		78.393%	-0.351	-0.083	-0.079	0.023	0.015	80.733%	81.126%
σ		1.500%	0.075	0.004	0.004	0.007	0.004	1.896%	1.672%
%RSD		1.913	21.470	5.359	4.519	32.090	28.960	2.349	2.061
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	21:39:04	-0.016	-0.012	0.016	0.009	0.007	92.502%		
2	21:39:47	-0.012	-0.010	0.004	0.022	0.010	93.768%		
3	21:40:30	-0.015	-0.014	0.005	0.008	0.005	95.000%		
X		-0.014	-0.012	0.008	0.013	0.007	93.757%		
σ		0.002	0.002	0.006	0.008	0.002	1.249%		
%RSD		17.380	13.370	78.400	61.020	29.090	1.332		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:43:26	74.484%	42.290	810.800	830.800	0.000	44750.000	44120.000	45840.000
2	21:44:09	72.598%	43.230	821.900	819.400	0.000	43570.000	44160.000	45560.000
3	21:44:52	70.971%	43.000	836.500	851.200	0.000	42970.000	43190.000	45780.000
X		72.684%	42.840	823.100	833.800	0.000	43770.000	43820.000	45730.000
σ		1.758%	0.488	12.860	16.100	0.000	906.000	548.000	143.800
%RSD		2.419	1.139	1.563	1.931	0.000	2.070	1.251	0.315
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:43:26	1843.000	9720.000	0.000	49210.000	47990.000	52510.000	66.081%	1014.000
2	21:44:09	1824.000	9580.000	0.000	48400.000	48280.000	52690.000	64.274%	1015.000
3	21:44:52	1827.000	9606.000	0.000	47870.000	47190.000	51480.000	64.251%	1006.000
X		1831.000	9635.000	0.000	48490.000	47820.000	52220.000	64.869%	1012.000
σ		10.090	74.420	0.000	671.800	563.200	653.900	1.050%	5.285
%RSD		0.551	0.772	0.000	1.385	1.178	1.252	1.618	0.522
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:43:26	474.600	194.000	518.900	1086.000	1163.000	467.100	471.800	231.800
2	21:44:09	498.100	195.500	520.000	1090.000	1170.000	474.500	472.600	237.300
3	21:44:52	477.500	194.000	518.000	1067.000	1150.000	458.400	465.700	234.400
X		483.400	194.500	519.000	1081.000	1161.000	466.700	470.100	234.500
σ		12.860	0.866	0.986	11.950	9.945	8.052	3.761	2.749
%RSD		2.661	0.445	0.190	1.106	0.857	1.725	0.800	1.172
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:43:26	230.400	452.000	452.100	36.070	8.913	9.749	0.000	1012.000
2	21:44:09	235.700	459.500	459.200	35.720	8.762	9.907	0.000	1017.000
3	21:44:52	234.000	457.500	459.700	35.670	9.166	9.491	0.000	1031.000
X		233.400	456.300	457.000	35.820	8.947	9.716	0.000	1020.000
σ		2.704	3.868	4.273	0.220	0.204	0.210	0.000	9.948
%RSD		1.159	0.848	0.935	0.613	2.283	2.161	0.000	0.975
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:43:26	69.505%	935.600	927.200	69.166%	45.480	45.740	45.170	34.510
2	21:44:09	69.608%	944.100	936.600	70.050%	45.170	46.150	45.750	36.090
3	21:44:52	69.053%	943.500	947.800	69.905%	44.980	45.800	44.720	35.560
X		69.389%	941.100	937.200	69.707%	45.210	45.900	45.210	35.390
σ		0.295%	4.741	10.330	0.474%	0.249	0.225	0.516	0.807
%RSD		0.425	0.504	1.102	0.680	0.550	0.491	1.140	2.281
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:43:26	66.468%	2144.000	452.600	453.800	1812.000	1788.000	73.271%	74.383%
2	21:44:09	67.980%	2134.000	455.800	453.300	1807.000	1800.000	75.116%	76.287%
3	21:44:52	67.933%	2137.000	455.500	456.300	1806.000	1804.000	76.341%	77.088%
X		67.461%	2138.000	454.600	454.500	1808.000	1798.000	74.909%	75.919%
σ		0.860%	4.967	1.771	1.621	3.023	8.360	1.545%	1.390%
%RSD		1.274	0.232	0.390	0.357	0.167	0.465	2.063	1.830
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	21:43:26	41.950	41.490	17.080	16.890	17.050	74.420%		
2	21:44:09	42.240	42.610	17.350	17.220	17.200	76.631%		
3	21:44:52	42.870	42.900	17.390	17.170	17.180	77.025%		
X		42.360	42.330	17.270	17.090	17.140	76.026%		
σ		0.471	0.743	0.165	0.179	0.084	1.404%		
%RSD		1.113	1.754	0.954	1.048	0.491	1.847		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:50:46	74.502%	102.500	101.900	100.500	0.000	48870.000	48160.000	48030.000
2	21:51:29	72.405%	100.700	100.300	98.080	0.000	48950.000	47590.000	47740.000
3	21:52:12	71.068%	103.500	99.400	99.070	0.000	51450.000	51080.000	51360.000
X		72.658%	102.244%	100.542%	99.222%	0.000	99.515%	97.880%	98.081%
σ		1.731%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		2.382	1.380	1.250	1.231	0.000	2.954	3.825	4.104
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:50:46	457.300	5273.000	0.000	48420.000	44860.000	48390.000	90.753%	95.210
2	21:51:29	458.300	5319.000	0.000	49160.000	45600.000	48970.000	88.062%	96.110
3	21:52:12	495.100	5643.000	0.000	54150.000	51240.000	55140.000	77.547%	107.500
X		94.046%	108.233%	0.000	101.157%	94.463%	101.666%	85.454%	99.594%
σ		n/a	n/a	0.000	n/a	n/a	n/a	6.979%	n/a
%RSD		4.574	3.730	0.000	6.166	7.389	7.357	8.167	6.857
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:50:46	89.720	90.180	489.500	24350.000	24480.000	90.510	91.180	93.060
2	21:51:29	90.400	92.550	495.500	24630.000	24640.000	91.560	93.800	95.750
3	21:52:12	102.200	101.200	549.400	27300.000	27200.000	99.620	101.000	102.700
X		94.097%	94.643%	102.296%	101.708%	101.744%	93.898%	95.331%	97.174%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		7.443	6.135	6.455	6.405	5.998	5.307	5.339	5.125
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:50:46	93.150	92.350	92.390	97.040	97.260	98.880	0.000	95.450
2	21:51:29	94.270	94.020	94.460	96.490	98.730	98.900	0.000	95.590
3	21:52:12	103.300	101.000	102.100	101.700	102.300	102.600	0.000	96.150
X		96.897%	95.793%	96.304%	98.411%	99.431%	100.129%	0.000	95.729%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		5.725	4.796	5.283	2.911	2.607	2.142	0.000	0.391
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:50:46	77.508%	93.360	92.760	78.092%	90.520	92.290	93.540	95.430
2	21:51:29	78.162%	96.880	97.010	78.508%	91.760	93.240	94.250	96.380
3	21:52:12	78.290%	98.520	98.000	78.221%	92.420	93.500	94.640	96.870
X		77.987%	96.252%	95.923%	78.274%	91.566%	93.011%	94.145%	96.229%
σ		0.420%	n/a	n/a	0.213%	n/a	n/a	n/a	n/a
%RSD		0.538	2.738	2.900	0.272	1.058	0.684	0.593	0.759
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:50:46	74.155%	94.000	93.450	93.370	95.000	93.030	75.381%	75.986%
2	21:51:29	75.238%	95.210	94.480	93.460	94.310	94.880	77.279%	78.067%
3	21:52:12	75.845%	95.510	94.410	94.600	96.450	95.610	77.914%	78.351%
X		75.079%	94.907%	94.115%	93.812%	95.252%	94.507%	76.858%	77.468%
σ		0.856%	n/a	n/a	n/a	n/a	n/a	1.318%	1.291%
%RSD		1.140	0.841	0.610	0.730	1.145	1.404	1.715	1.667
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	21:50:46	91.220	90.680	90.670	90.780	90.580	72.731%		
2	21:51:29	93.190	92.870	92.600	92.840	92.860	73.947%		
3	21:52:12	93.390	94.170	93.970	93.990	93.550	74.312%		
X		92.599%	92.574%	92.413%	92.535%	92.329%	73.664%		
σ		n/a	n/a	n/a	n/a	n/a	0.828%		
%RSD		1.298	1.903	1.796	1.758	1.680	1.124		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:58:04	93.074%	-0.029	2.205	2.295	0.000	3.952	4.901	5.391
2	21:58:47	93.565%	-0.019	2.229	2.235	0.000	3.368	4.886	5.257
3	21:59:30	93.004%	-0.031	1.933	1.991	0.000	3.688	4.936	5.262
X		93.214%	-0.026	2.122	2.174	0.000	3.669	4.908	5.304
σ		0.306%	0.007	0.164	0.161	0.000	0.293	0.026	0.076
%RSD		0.328	25.850	7.741	7.410	0.000	7.982	0.523	1.434
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:58:04	1.575	-0.114	0.000	-3.421	6.278	3.562	111.281%	0.051
2	21:58:47	1.459	-0.317	0.000	-3.382	-0.725	3.970	110.449%	-0.030
3	21:59:30	1.500	-0.264	0.000	-2.696	3.391	2.717	108.580%	-0.085
X		1.511	-0.232	0.000	-3.166	2.981	3.416	110.103%	-0.021
σ		0.058	0.105	0.000	0.408	3.519	0.639	1.384%	0.068
%RSD		3.870	45.340	0.000	12.890	118.100	18.700	1.257	324.400
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:58:04	0.013	0.017	0.327	10.300	14.710	-0.000	-0.008	-0.008
2	21:58:47	0.013	-0.004	0.324	6.481	12.570	-0.000	-0.009	-0.007
3	21:59:30	0.002	-0.002	0.322	6.106	11.740	-0.006	0.008	-0.003
X		0.009	0.004	0.324	7.628	13.010	-0.002	-0.003	-0.006
σ		0.006	0.011	0.003	2.319	1.534	0.003	0.010	0.002
%RSD		71.600	318.500	0.902	30.400	11.790	146.300	327.700	40.900
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:58:04	-0.007	-0.140	-0.306	-0.020	-0.099	0.287	0.000	0.022
2	21:58:47	-0.004	-0.231	-0.213	-0.142	0.006	-0.427	0.000	0.018
3	21:59:30	0.018	-0.044	-0.210	-0.053	0.018	0.088	0.000	0.026
X		0.002	-0.138	-0.243	-0.072	-0.025	-0.017	0.000	0.022
σ		0.014	0.093	0.055	0.063	0.065	0.368	0.000	0.004
%RSD		634.900	67.330	22.440	87.630	259.200	2120.000	0.000	17.760
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:58:04	87.148%	0.429	0.475	89.790%	-0.002	0.010	-0.040	-0.014
2	21:58:47	90.034%	0.471	0.417	90.424%	-0.005	-0.004	-0.009	0.013
3	21:59:30	88.892%	0.414	0.444	89.574%	-0.004	-0.004	-0.020	-0.003
X		88.691%	0.438	0.445	89.929%	-0.004	0.001	-0.023	-0.001
σ		1.454%	0.030	0.029	0.442%	0.002	0.008	0.016	0.014
%RSD		1.639	6.739	6.524	0.491	45.440	1014.000	68.560	924.800
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:58:04	79.132%	0.162	-0.025	-0.002	0.034	0.022	79.388%	79.264%
2	21:58:47	81.510%	0.082	-0.036	-0.011	0.020	0.033	81.908%	81.816%
3	21:59:30	82.404%	0.084	-0.021	-0.041	0.020	0.030	81.782%	81.776%
X		81.015%	0.109	-0.027	-0.018	0.025	0.029	81.026%	80.952%
σ		1.691%	0.046	0.008	0.021	0.008	0.005	1.420%	1.462%
%RSD		2.088	41.810	30.070	116.100	32.530	19.030	1.753	1.806
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	21:58:04	0.016	0.025	0.068	0.071	0.062	92.657%		
2	21:58:47	0.026	0.026	0.055	0.050	0.048	94.092%		
3	21:59:30	0.019	0.029	0.049	0.048	0.043	94.005%		
X		0.021	0.027	0.057	0.056	0.051	93.585%		
σ		0.005	0.002	0.009	0.013	0.010	0.805%		
%RSD		24.400	8.533	16.380	22.510	18.960	0.860		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:02:26	73.573%	-0.015	52.130	54.950	0.000	150000.000	34410.000	36310.000
2	22:03:09	71.303%	-0.018	54.390	57.140	0.000	149800.000	34890.000	36540.000
3	22:03:52	68.554%	-0.005	55.890	57.520	0.000	153700.000	35920.000	37530.000
X		71.143%	-0.013	54.130	56.540	0.000	151200.000	35080.000	36790.000
σ		2.513%	0.007	1.895	1.389	0.000	2179.000	773.500	645.700
%RSD		3.532	52.520	3.500	2.457	0.000	1.441	2.205	1.755
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:02:26	8.852	8277.000	0.000	2910.000	81000.000	90160.000	64.302%	1.667
2	22:03:09	9.062	8065.000	0.000	2837.000	81680.000	89330.000	64.077%	1.611
3	22:03:52	8.972	8414.000	0.000	2918.000	82060.000	90170.000	61.635%	1.483
X		8.962	8252.000	0.000	2888.000	81580.000	89890.000	63.338%	1.587
σ		0.105	175.700	0.000	44.980	533.800	480.900	1.479%	0.095
%RSD		1.175	2.129	0.000	1.557	0.654	0.535	2.335	5.968
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:02:26	3.164	1.556	143.600	129.100	534.000	1.419	17.080	2.282
2	22:03:09	3.331	1.593	142.300	121.400	519.500	1.426	17.260	2.201
3	22:03:52	5.011	1.601	148.500	124.500	525.500	1.404	17.530	2.265
X		3.835	1.583	144.800	125.000	526.300	1.416	17.290	2.249
σ		1.021	0.024	3.298	3.889	7.319	0.011	0.224	0.043
%RSD		26.630	1.533	2.278	3.111	1.391	0.806	1.297	1.904
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:02:26	1.750	61.760	61.390	0.240	3.788	5.794	0.000	341.300
2	22:03:09	1.697	60.420	60.360	0.275	3.646	5.910	0.000	342.800
3	22:03:52	1.858	64.190	64.950	0.669	3.661	5.128	0.000	356.200
X		1.768	62.120	62.240	0.395	3.698	5.611	0.000	346.800
σ		0.082	1.909	2.410	0.238	0.078	0.422	0.000	8.232
%RSD		4.634	3.072	3.872	60.340	2.107	7.523	0.000	2.374
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:02:26	67.038%	0.766	0.760	67.479%	-0.013	-0.015	0.444	0.547
2	22:03:09	67.966%	0.628	0.638	67.741%	-0.014	-0.011	0.523	0.532
3	22:03:52	65.515%	0.574	0.570	66.200%	-0.017	-0.015	0.508	0.550
X		66.840%	0.656	0.656	67.140%	-0.014	-0.014	0.492	0.543
σ		1.238%	0.099	0.096	0.824%	0.002	0.003	0.042	0.010
%RSD		1.852	15.150	14.690	1.228	13.870	19.710	8.493	1.786
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:02:26	65.242%	4.139	0.346	0.373	60.800	60.780	70.737%	71.352%
2	22:03:09	66.331%	3.031	0.275	0.286	61.160	61.020	72.564%	73.552%
3	22:03:52	65.580%	2.450	0.293	0.288	63.220	62.350	71.961%	73.136%
X		65.717%	3.207	0.304	0.316	61.730	61.380	71.754%	72.680%
σ		0.557%	0.858	0.037	0.050	1.307	0.850	0.931%	1.169%
%RSD		0.848	26.750	12.110	15.700	2.117	1.384	1.298	1.608
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	22:02:26	0.038	0.038	0.401	0.383	0.398	70.893%		
2	22:03:09	0.034	0.042	0.382	0.392	0.383	72.685%		
3	22:03:52	0.037	0.031	0.420	0.393	0.407	72.294%		
X		0.036	0.037	0.401	0.389	0.396	71.958%		
σ		0.002	0.006	0.019	0.006	0.012	0.942%		
%RSD		5.348	15.180	4.717	1.426	3.090	1.309		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:06:47	78.150%	-0.029	2.834	2.885	0.000	15.020	5.288	5.337
2	22:07:31	77.465%	-0.044	2.500	2.624	0.000	8.073	2.562	3.383
3	22:08:13	75.164%	-0.015	2.303	2.552	0.000	4.580	2.036	2.218
X		76.926%	-0.029	2.546	2.687	0.000	9.223	3.295	3.646
σ		1.564%	0.015	0.268	0.175	0.000	5.312	1.746	1.576
%RSD		2.033	50.420	10.540	6.513	0.000	57.590	52.980	43.220
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:06:47	0.823	12.860	0.000	5.939	23.480	25.480	69.607%	0.286
2	22:07:31	0.980	12.490	0.000	5.470	26.570	21.640	67.376%	0.343
3	22:08:13	0.850	11.590	0.000	5.641	3.123	21.330	67.733%	0.249
X		0.884	12.310	0.000	5.683	17.720	22.820	68.239%	0.293
σ		0.084	0.654	0.000	0.237	12.740	2.312	1.198%	0.047
%RSD		9.480	5.311	0.000	4.174	71.870	10.130	1.756	16.090
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:06:47	0.412	1.365	0.178	9.321	6.711	-0.009	0.031	0.079
2	22:07:31	1.587	1.247	0.151	8.595	6.541	-0.010	0.021	0.088
3	22:08:13	2.902	1.043	0.144	8.027	5.569	-0.005	0.000	0.089
X		1.634	1.218	0.158	8.648	6.273	-0.008	0.017	0.085
σ		1.246	0.163	0.018	0.648	0.616	0.003	0.016	0.006
%RSD		76.260	13.340	11.440	7.497	9.818	36.920	89.940	6.644
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:06:47	0.055	0.513	0.309	-0.070	-0.294	-0.139	0.000	0.070
2	22:07:31	0.061	0.251	0.193	-0.371	-0.447	0.492	0.000	0.044
3	22:08:13	0.105	0.491	0.408	0.137	-0.369	1.460	0.000	0.042
X		0.074	0.418	0.303	-0.101	-0.370	0.604	0.000	0.052
σ		0.027	0.145	0.108	0.256	0.076	0.805	0.000	0.016
%RSD		36.880	34.710	35.420	251.900	20.590	133.200	0.000	29.970
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:06:47	71.341%	0.213	0.181	77.040%	-0.018	-0.014	-0.051	-0.038
2	22:07:31	72.650%	0.146	0.159	77.388%	-0.018	-0.013	-0.049	-0.022
3	22:08:13	72.618%	0.155	0.150	77.449%	-0.015	-0.020	-0.051	-0.045
X		72.203%	0.172	0.163	77.292%	-0.017	-0.016	-0.050	-0.035
σ		0.747%	0.036	0.016	0.220%	0.002	0.004	0.001	0.012
%RSD		1.034	21.280	9.868	0.285	9.984	22.520	2.648	32.980
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:06:47	71.092%	1.104	0.049	0.045	0.058	0.049	75.878%	76.126%
2	22:07:31	72.164%	1.032	0.057	0.037	0.052	0.020	77.849%	78.532%
3	22:08:13	72.479%	1.056	0.057	0.066	0.025	0.022	78.205%	78.867%
X		71.912%	1.064	0.055	0.050	0.045	0.030	77.310%	77.842%
σ		0.727%	0.037	0.005	0.015	0.018	0.016	1.253%	1.495%
%RSD		1.012	3.468	8.318	29.700	39.550	53.730	1.621	1.921
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	22:06:47	0.012	0.006	0.011	0.004	0.003	83.892%		
2	22:07:31	0.007	0.008	-0.003	0.005	-0.003	86.625%		
3	22:08:13	0.007	0.005	-0.004	-0.003	-0.003	87.581%		
X		0.008	0.006	0.001	0.002	-0.001	86.033%		
σ		0.003	0.002	0.008	0.004	0.004	1.915%		
%RSD		32.650	27.590	669.300	244.200	412.200	2.226		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:11:09	80.584%	-0.039	2.125	2.050	0.000	8.192	1.937	2.607
2	22:11:52	81.681%	-0.026	2.242	1.907	0.000	7.716	2.215	2.495
3	22:12:35	80.393%	-0.023	1.814	1.892	0.000	5.620	1.785	1.837
X		80.886%	-0.030	2.061	1.950	0.000	7.176	1.979	2.313
σ		0.695%	0.008	0.221	0.087	0.000	1.368	0.218	0.416
%RSD		0.859	27.470	10.730	4.476	0.000	19.070	11.030	17.980
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:11:09	0.529	9.959	0.000	10.170	9.719	12.520	68.784%	0.210
2	22:11:52	0.261	9.244	0.000	6.516	3.859	9.609	70.734%	0.302
3	22:12:35	0.302	8.585	0.000	5.936	3.196	7.550	70.709%	0.279
X		0.364	9.263	0.000	7.542	5.591	9.894	70.076%	0.263
σ		0.145	0.687	0.000	2.298	3.590	2.500	1.119%	0.048
%RSD		39.700	7.420	0.000	30.470	64.210	25.260	1.596	18.180
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:11:09	0.391	1.164	0.158	12.510	6.350	-0.001	0.065	0.104
2	22:11:52	2.709	0.991	0.147	8.165	2.926	0.001	0.019	0.106
3	22:12:35	0.968	0.955	0.146	5.043	2.704	0.001	0.031	0.097
X		1.356	1.037	0.150	8.572	3.993	0.000	0.038	0.102
σ		1.207	0.112	0.007	3.749	2.043	0.001	0.024	0.005
%RSD		88.990	10.780	4.641	43.740	51.170	250.000	61.780	4.751
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:11:09	0.132	0.238	0.198	-0.139	-0.118	0.642	0.000	0.032
2	22:11:52	0.099	0.063	0.035	-0.200	-0.362	0.452	0.000	0.038
3	22:12:35	0.087	0.443	0.233	-0.224	-0.265	0.309	0.000	0.033
X		0.106	0.248	0.155	-0.188	-0.249	0.468	0.000	0.034
σ		0.023	0.190	0.106	0.043	0.123	0.167	0.000	0.003
%RSD		21.830	76.560	68.060	23.110	49.430	35.750	0.000	8.410
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:11:09	73.857%	1.367	1.327	78.741%	-0.018	-0.015	-0.063	-0.042
2	22:11:52	75.047%	1.434	1.315	79.799%	-0.018	-0.012	-0.129	-0.073
3	22:12:35	74.067%	1.312	1.354	79.328%	-0.023	-0.010	-0.078	-0.054
X		74.324%	1.371	1.332	79.289%	-0.020	-0.012	-0.090	-0.056
σ		0.635%	0.061	0.020	0.530%	0.003	0.003	0.034	0.016
%RSD		0.854	4.433	1.505	0.669	15.960	20.540	38.160	27.990
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:11:09	71.844%	0.642	0.005	0.041	0.102	0.059	76.089%	75.873%
2	22:11:52	74.402%	0.720	0.037	0.022	0.041	0.069	78.187%	79.022%
3	22:12:35	73.716%	0.681	0.034	0.048	0.055	0.077	78.463%	79.655%
X		73.321%	0.681	0.025	0.037	0.066	0.068	77.579%	78.183%
σ		1.324%	0.039	0.017	0.013	0.032	0.009	1.299%	2.026%
%RSD		1.805	5.772	68.760	35.970	48.410	13.150	1.674	2.591
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	22:11:09	0.001	0.005	0.008	-0.005	0.002	84.493%		
2	22:11:52	0.002	0.005	-0.001	0.002	-0.001	86.789%		
3	22:12:35	0.002	0.004	-0.000	0.002	-0.004	88.143%		
X		0.001	0.005	0.002	-0.000	-0.001	86.475%		
σ		0.001	0.000	0.005	0.004	0.003	1.845%		
%RSD		54.330	8.221	238.100	886.100	300.400	2.134		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:15:30	74.717%	0.005	71.370	72.490	0.000	22510.000	4524.000	4745.000
2	22:16:13	72.328%	0.010	69.650	72.090	0.000	22610.000	4519.000	4881.000
3	22:16:55	69.508%	-0.004	74.030	74.020	0.000	22050.000	4538.000	4786.000
x		72.184%	0.004	71.680	72.860	0.000	22390.000	4527.000	4804.000
σ		2.607%	0.007	2.203	1.018	0.000	295.800	9.612	69.740
%RSD		3.612	189.000	3.074	1.397	0.000	1.321	0.212	1.452
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:15:30	122.800	9407.000	0.000	6464.000	41490.000	46620.000	65.400%	3.809
2	22:16:13	126.800	9708.000	0.000	6734.000	42350.000	47720.000	62.182%	3.762
3	22:16:55	124.700	9519.000	0.000	6434.000	40670.000	45240.000	62.768%	3.374
x		124.800	9545.000	0.000	6544.000	41500.000	46530.000	63.450%	3.649
σ		1.988	152.000	0.000	165.100	838.800	1245.000	1.714%	0.239
%RSD		1.593	1.593	0.000	2.523	2.021	2.675	2.701	6.544
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:15:30	0.831	1.385	246.900	13780.000	12290.000	0.231	1.343	0.869
2	22:16:13	3.525	1.345	252.200	13840.000	12370.000	0.255	1.270	0.849
3	22:16:55	2.512	1.318	250.700	13930.000	12450.000	0.228	1.184	0.882
x		2.289	1.349	249.900	13850.000	12370.000	0.238	1.266	0.867
σ		1.361	0.034	2.700	74.840	78.700	0.015	0.080	0.017
%RSD		59.440	2.509	1.080	0.540	0.636	6.240	6.308	1.928
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:15:30	0.841	5.971	6.304	9.526	-0.249	0.699	0.000	270.300
2	22:16:13	0.775	5.998	6.050	10.990	0.059	1.102	0.000	269.700
3	22:16:55	0.849	5.647	6.124	10.290	-0.087	1.386	0.000	275.000
x		0.822	5.872	6.159	10.270	-0.092	1.062	0.000	271.600
σ		0.041	0.195	0.131	0.731	0.154	0.345	0.000	2.899
%RSD		4.948	3.321	2.118	7.117	166.800	32.490	0.000	1.067
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:15:30	69.844%	0.271	0.225	72.473%	-0.024	-0.014	-0.008	-0.003
2	22:16:13	70.684%	0.203	0.227	72.699%	-0.019	-0.010	-0.089	-0.074
3	22:16:55	69.224%	0.221	0.220	71.794%	-0.022	-0.017	-0.068	-0.035
x		69.917%	0.232	0.224	72.322%	-0.022	-0.014	-0.055	-0.037
σ		0.733%	0.035	0.003	0.471%	0.002	0.004	0.042	0.036
%RSD		1.048	15.090	1.507	0.651	10.170	27.420	75.760	95.550
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:15:30	68.816%	0.876	0.094	0.153	90.170	89.370	75.257%	75.285%
2	22:16:13	70.678%	0.887	0.143	0.125	90.550	89.910	76.665%	77.439%
3	22:16:55	70.075%	0.822	0.127	0.137	90.670	90.820	77.008%	78.429%
x		69.856%	0.862	0.121	0.138	90.470	90.030	76.310%	77.051%
σ		0.950%	0.035	0.025	0.014	0.260	0.730	0.928%	1.607%
%RSD		1.360	4.069	20.390	10.220	0.287	0.810	1.216	2.086
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	22:15:30	0.001	-0.003	0.405	0.431	0.410	79.469%		
2	22:16:13	-0.003	-0.002	0.416	0.445	0.410	81.595%		
3	22:16:55	-0.003	-0.005	0.400	0.421	0.401	81.969%		
x		-0.002	-0.004	0.407	0.433	0.407	81.011%		
σ		0.003	0.002	0.008	0.012	0.006	1.348%		
%RSD		140.700	47.500	2.025	2.788	1.364	1.665		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:19:48	75.187%	-0.014	54.160	53.730	0.000	14800.000	20090.000	21010.000
2	22:20:31	71.776%	-0.013	54.230	56.650	0.000	14950.000	20290.000	21530.000
3	22:21:14	69.329%	-0.009	53.640	53.730	0.000	14410.000	20190.000	21430.000
X		72.098%	-0.012	54.010	54.700	0.000	14720.000	20190.000	21320.000
σ		2.942%	0.003	0.323	1.685	0.000	278.600	99.870	275.300
%RSD		4.081	25.570	0.597	3.080	0.000	1.893	0.495	1.291
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:19:48	34.260	12180.000	0.000	5331.000	80290.000	89570.000	64.751%	2.424
2	22:20:31	35.900	12670.000	0.000	5364.000	81160.000	90060.000	61.276%	2.713
3	22:21:14	34.750	12400.000	0.000	5251.000	80500.000	88680.000	61.298%	2.711
X		34.970	12420.000	0.000	5315.000	80650.000	89440.000	62.442%	2.616
σ		0.840	242.900	0.000	58.130	452.900	696.200	1.999%	0.166
%RSD		2.401	1.956	0.000	1.094	0.562	0.778	3.202	6.359
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:19:48	4.101	2.143	7.059	229.500	605.800	0.298	0.897	3.366
2	22:20:31	5.271	2.237	7.152	230.400	610.200	0.306	0.866	3.551
3	22:21:14	5.672	2.177	7.179	226.100	586.500	0.284	0.880	3.393
X		5.015	2.186	7.130	228.600	600.900	0.296	0.881	3.437
σ		0.816	0.047	0.063	2.281	12.580	0.011	0.016	0.100
%RSD		16.270	2.169	0.885	0.998	2.094	3.644	1.794	2.907
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:19:48	3.260	37.360	39.150	6.037	0.718	1.010	0.000	264.700
2	22:20:31	3.540	40.790	40.260	6.697	0.838	2.209	0.000	269.900
3	22:21:14	3.352	38.740	39.600	6.412	0.564	1.568	0.000	266.300
X		3.384	38.960	39.670	6.382	0.707	1.595	0.000	267.000
σ		0.143	1.725	0.556	0.331	0.138	0.600	0.000	2.700
%RSD		4.217	4.427	1.402	5.187	19.470	37.600	0.000	1.011
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:19:48	68.053%	1.425	1.410	70.593%	-0.025	-0.017	0.142	0.187
2	22:20:31	67.196%	1.347	1.543	69.600%	-0.021	-0.019	0.089	0.146
3	22:21:14	67.836%	1.504	1.433	69.433%	-0.020	-0.012	0.148	0.177
X		67.695%	1.425	1.462	69.875%	-0.022	-0.016	0.126	0.170
σ		0.446%	0.079	0.071	0.627%	0.003	0.004	0.033	0.021
%RSD		0.658	5.528	4.870	0.897	11.860	23.260	26.050	12.420
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:19:48	67.233%	0.720	0.895	0.914	66.760	66.900	73.330%	73.976%
2	22:20:31	67.307%	0.810	0.904	0.895	69.560	68.860	74.117%	75.283%
3	22:21:14	67.972%	0.858	0.911	0.965	67.630	67.370	74.851%	75.625%
X		67.504%	0.796	0.903	0.925	67.980	67.710	74.099%	74.961%
σ		0.407%	0.070	0.008	0.036	1.430	1.026	0.760%	0.870%
%RSD		0.603	8.800	0.910	3.930	2.103	1.515	1.026	1.161
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	22:19:48	0.016	0.014	0.294	0.324	0.301	77.082%		
2	22:20:31	0.010	0.018	0.321	0.316	0.310	78.433%		
3	22:21:14	0.018	0.016	0.315	0.312	0.300	80.786%		
X		0.015	0.016	0.310	0.317	0.304	78.767%		
σ		0.004	0.002	0.014	0.006	0.006	1.874%		
%RSD		25.810	14.870	4.606	1.842	1.857	2.380		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:24:07	73.221%	1.820	94.610	94.290	0.000	21860.000	12410.000	12990.000
2	22:24:51	71.995%	1.922	94.190	94.160	0.000	21590.000	12530.000	13170.000
3	22:25:33	71.981%	1.789	91.910	94.010	0.000	21710.000	12410.000	13000.000
X		72.399%	1.844	93.570	94.150	0.000	21720.000	12450.000	13050.000
σ		0.712%	0.069	1.448	0.142	0.000	132.500	72.090	105.400
%RSD		0.983	3.763	1.548	0.150	0.000	0.610	0.579	0.808
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:24:07	9915.000	19650.000	0.000	5864.000	51040.000	56280.000	65.673%	8.761
2	22:24:51	9902.000	19530.000	0.000	5772.000	50490.000	55360.000	66.142%	8.314
3	22:25:33	9764.000	19220.000	0.000	5790.000	50320.000	55410.000	65.567%	8.037
X		9860.000	19470.000	0.000	5809.000	50620.000	55690.000	65.794%	8.371
σ		83.390	219.700	0.000	48.610	377.800	518.100	0.306%	0.365
%RSD		0.846	1.129	0.000	0.837	0.746	0.930	0.465	4.359
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:24:07	40.270	33.010	12770.000	101300.000	99450.000	16.660	22.970	4.260
2	22:24:51	40.650	33.040	12680.000	99440.000	97730.000	16.960	22.520	4.167
3	22:25:33	39.600	32.990	12610.000	99420.000	98810.000	16.940	23.190	4.059
X		40.170	33.020	12690.000	100100.000	98670.000	16.850	22.890	4.162
σ		0.529	0.026	83.030	1093.000	869.500	0.170	0.342	0.101
%RSD		1.316	0.079	0.654	1.092	0.881	1.009	1.495	2.422
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:24:07	4.701	119.000	117.700	24.320	0.120	-0.046	0.000	170.700
2	22:24:51	4.401	116.600	117.700	23.920	0.305	0.395	0.000	170.700
3	22:25:33	4.614	117.800	117.800	24.390	0.359	-0.350	0.000	172.300
X		4.572	117.800	117.700	24.210	0.261	-0.000	0.000	171.200
σ		0.155	1.210	0.053	0.256	0.125	0.374	0.000	0.938
%RSD		3.384	1.027	0.045	1.059	47.880	112900.000	0.000	0.548
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:24:07	83.599%	0.270	0.211	71.500%	-0.018	-0.011	0.161	0.116
2	22:24:51	85.415%	0.289	0.224	71.560%	-0.015	-0.017	0.074	0.091
3	22:25:33	85.853%	0.298	0.213	72.597%	-0.017	-0.016	0.069	0.059
X		84.956%	0.285	0.216	71.886%	-0.017	-0.015	0.102	0.089
σ		1.195%	0.014	0.007	0.617%	0.001	0.003	0.051	0.029
%RSD		1.407	4.996	3.151	0.859	7.933	20.680	50.600	32.630
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:24:07	68.456%	0.821	0.824	0.870	66.650	66.850	75.409%	76.012%
2	22:24:51	70.364%	0.745	0.911	0.993	68.440	66.870	77.429%	79.319%
3	22:25:33	70.663%	0.582	0.859	0.860	67.990	68.050	79.062%	79.377%
X		69.828%	0.716	0.865	0.907	67.690	67.260	77.300%	78.236%
σ		1.197%	0.122	0.044	0.074	0.928	0.691	1.830%	1.927%
%RSD		1.714	17.080	5.059	8.185	1.371	1.028	2.368	2.462
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	22:24:07	0.002	0.010	7.103	7.314	7.186	77.091%		
2	22:24:51	0.006	0.007	7.197	7.356	7.289	79.037%		
3	22:25:33	0.003	0.002	7.260	7.436	7.319	80.232%		
X		0.003	0.006	7.187	7.368	7.265	78.786%		
σ		0.002	0.004	0.079	0.062	0.070	1.585%		
%RSD		60.150	67.700	1.101	0.840	0.957	2.012		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:28:26	75.642%	1.832	93.940	96.250	0.000	22420.000	12890.000	13340.000
2	22:29:09	70.775%	1.866	100.500	101.600	0.000	21880.000	12630.000	13360.000
3	22:29:52	71.761%	1.808	93.560	96.980	0.000	22100.000	12840.000	13340.000
X		72.726%	1.835	95.990	98.270	0.000	22130.000	12790.000	13350.000
σ		2.573%	0.029	3.876	2.878	0.000	271.900	137.900	12.260
%RSD		3.538	1.586	4.038	2.929	0.000	1.229	1.079	0.092
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:28:26	10030.000	19730.000	0.000	5901.000	50930.000	56050.000	67.539%	8.511
2	22:29:09	10190.000	20140.000	0.000	5927.000	51010.000	56480.000	66.554%	8.560
3	22:29:52	10130.000	20030.000	0.000	5917.000	51490.000	57240.000	65.147%	8.519
X		10120.000	19970.000	0.000	5915.000	51140.000	56590.000	66.413%	8.530
σ		79.480	215.000	0.000	13.080	305.700	605.500	1.202%	0.026
%RSD		0.786	1.077	0.000	0.221	0.598	1.070	1.811	0.308
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:28:26	42.770	33.380	12900.000	102100.000	100200.000	17.050	24.040	4.774
2	22:29:09	42.520	33.260	12750.000	101200.000	99760.000	17.170	23.840	4.809
3	22:29:52	43.110	34.250	12900.000	102100.000	101600.000	17.610	24.180	4.983
X		42.800	33.630	12850.000	101800.000	100500.000	17.280	24.020	4.856
σ		0.295	0.543	88.390	536.200	961.500	0.292	0.173	0.112
%RSD		0.690	1.614	0.688	0.527	0.956	1.690	0.722	2.306
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:28:26	4.913	126.100	125.100	24.210	0.132	0.416	0.000	174.500
2	22:29:09	5.166	126.300	125.600	24.650	0.069	0.189	0.000	175.900
3	22:29:52	5.131	128.900	127.500	24.610	0.435	0.560	0.000	177.400
X		5.070	127.100	126.100	24.490	0.212	0.388	0.000	175.900
σ		0.137	1.566	1.273	0.245	0.196	0.187	0.000	1.429
%RSD		2.696	1.232	1.009	0.999	92.280	48.190	0.000	0.812
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:28:26	86.523%	0.331	0.304	73.209%	-0.013	-0.013	0.072	0.097
2	22:29:09	86.533%	0.376	0.331	72.860%	-0.019	-0.017	0.191	0.161
3	22:29:52	87.014%	0.367	0.289	72.490%	-0.020	-0.010	0.166	0.144
X		86.690%	0.358	0.308	72.853%	-0.018	-0.013	0.143	0.134
σ		0.281%	0.024	0.021	0.360%	0.004	0.003	0.063	0.033
%RSD		0.324	6.696	6.951	0.494	22.190	23.270	44.000	24.790
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:28:26	70.650%	0.514	0.851	0.882	70.970	69.600	76.864%	78.074%
2	22:29:09	71.197%	0.466	0.906	0.952	70.080	69.770	79.078%	79.747%
3	22:29:52	71.087%	0.701	0.954	0.919	72.360	72.190	79.352%	80.445%
X		70.978%	0.560	0.904	0.917	71.130	70.520	78.432%	79.422%
σ		0.289%	0.124	0.052	0.035	1.150	1.447	1.364%	1.218%
%RSD		0.408	22.150	5.751	3.793	1.617	2.052	1.739	1.534
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	22:28:26	0.007	0.003	7.321	7.297	7.228	78.615%		
2	22:29:09	0.000	0.012	7.264	7.420	7.364	79.919%		
3	22:29:52	0.002	0.006	7.373	7.210	7.290	80.790%		
X		0.003	0.007	7.320	7.309	7.294	79.775%		
σ		0.003	0.005	0.055	0.106	0.068	1.095%		
%RSD		107.800	69.810	0.746	1.446	0.938	1.373		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:32:46	77.423%	0.045	47.520	46.870	0.000	36660.000	4467.000	6054.000
2	22:33:29	74.957%	0.068	46.470	46.360	0.000	36160.000	4992.000	6034.000
3	22:34:12	72.561%	0.061	45.340	47.840	0.000	36840.000	4507.000	6173.000
X		74.980%	0.058	46.440	47.020	0.000	36550.000	4655.000	6087.000
σ		2.431%	0.012	1.091	0.755	0.000	352.000	292.600	75.200
%RSD		3.242	20.130	2.350	1.605	0.000	0.963	6.286	1.235
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:32:46	119.600	4517.000	0.000	5050.000	18250.000	17660.000	67.009%	2.884
2	22:33:29	118.700	4465.000	0.000	4851.000	18200.000	17900.000	66.501%	2.578
3	22:34:12	120.200	4550.000	0.000	5162.000	18940.000	18280.000	63.789%	2.945
X		119.500	4511.000	0.000	5021.000	18470.000	17950.000	65.767%	2.802
σ		0.755	43.130	0.000	157.500	411.900	316.100	1.731%	0.197
%RSD		0.632	0.956	0.000	3.137	2.231	1.762	2.632	7.021
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:32:46	5.992	2.475	2218.000	19240.000	17050.000	0.180	1.656	0.593
2	22:33:29	6.242	2.349	2193.000	18680.000	16710.000	0.192	1.538	0.649
3	22:34:12	5.956	2.360	2230.000	19060.000	17150.000	0.179	1.569	0.618
X		6.063	2.395	2214.000	18990.000	16970.000	0.184	1.588	0.620
σ		0.156	0.070	18.890	287.300	230.800	0.007	0.061	0.028
%RSD		2.573	2.921	0.853	1.513	1.360	3.966	3.855	4.555
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:32:46	0.515	1.798	2.283	62.200	0.074	0.694	0.000	164.900
2	22:33:29	0.444	1.605	1.786	62.940	-0.107	0.997	0.000	166.000
3	22:34:12	0.484	1.997	2.295	62.590	0.174	0.513	0.000	167.500
X		0.481	1.800	2.121	62.580	0.047	0.735	0.000	166.100
σ		0.036	0.196	0.290	0.371	0.142	0.244	0.000	1.297
%RSD		7.455	10.890	13.690	0.593	305.100	33.260	0.000	0.781
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:32:46	72.609%	0.158	0.153	74.843%	-0.024	-0.013	-0.058	-0.023
2	22:33:29	72.792%	0.160	0.161	74.703%	-0.021	-0.011	-0.088	-0.061
3	22:34:12	72.309%	0.131	0.131	73.877%	-0.018	-0.023	-0.193	-0.123
X		72.570%	0.150	0.148	74.474%	-0.021	-0.016	-0.113	-0.069
σ		0.244%	0.016	0.016	0.522%	0.003	0.006	0.071	0.050
%RSD		0.336	10.610	10.630	0.701	13.990	40.360	62.560	72.880
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:32:46	71.946%	0.406	1.544	1.577	80.420	80.100	76.681%	78.347%
2	22:33:29	71.934%	0.372	1.480	1.533	81.490	80.940	79.887%	80.788%
3	22:34:12	72.071%	0.456	1.576	1.502	81.960	81.140	80.033%	81.043%
X		71.983%	0.411	1.533	1.537	81.290	80.730	78.867%	80.059%
σ		0.076%	0.042	0.049	0.037	0.788	0.552	1.894%	1.488%
%RSD		0.105	10.260	3.189	2.425	0.969	0.684	2.402	1.859
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	22:32:46	-0.007	-0.005	2.232	2.228	2.268	80.545%		
2	22:33:29	-0.012	-0.006	2.288	2.304	2.255	83.260%		
3	22:34:12	-0.004	-0.003	2.261	2.272	2.253	84.245%		
X		-0.008	-0.005	2.260	2.268	2.258	82.684%		
σ		0.004	0.002	0.028	0.038	0.008	1.917%		
%RSD		47.520	38.600	1.235	1.691	0.352	2.318		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:37:06	78.626%	-0.029	10.450	10.760	0.000	7508.000	1049.000	1109.000
2	22:37:49	77.180%	-0.023	10.650	10.480	0.000	7629.000	1090.000	1128.000
3	22:38:32	77.308%	-0.008	10.220	10.680	0.000	7742.000	1095.000	1130.000
x		77.705%	-0.020	10.440	10.640	0.000	7626.000	1078.000	1123.000
σ		0.801%	0.011	0.214	0.146	0.000	117.300	25.360	11.500
%RSD		1.030	55.190	2.046	1.377	0.000	1.539	2.353	1.025
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:37:06	31.480	857.100	0.000	1013.000	3482.000	3475.000	75.209%	0.422
2	22:37:49	32.910	882.400	0.000	1042.000	3652.000	3618.000	71.709%	0.560
3	22:38:32	32.130	855.400	0.000	1031.000	3608.000	3576.000	72.623%	0.381
x		32.170	865.000	0.000	1029.000	3581.000	3556.000	73.181%	0.455
σ		0.718	15.160	0.000	14.660	88.310	73.710	1.815%	0.093
%RSD		2.232	1.752	0.000	1.424	2.466	2.073	2.481	20.570
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:37:06	1.388	0.523	438.100	3853.000	3343.000	0.032	0.345	0.292
2	22:37:49	1.280	0.568	449.500	3936.000	3453.000	0.027	0.370	0.277
3	22:38:32	0.861	0.474	448.000	3889.000	3399.000	0.019	0.327	0.248
x		1.176	0.522	445.200	3893.000	3398.000	0.026	0.347	0.272
σ		0.279	0.047	6.144	41.890	54.750	0.006	0.021	0.022
%RSD		23.690	8.959	1.380	1.076	1.611	24.760	6.133	8.085
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:37:06	0.243	0.303	0.224	13.210	0.203	0.824	0.000	32.980
2	22:37:49	0.193	0.363	0.261	13.380	0.013	0.315	0.000	33.130
3	22:38:32	0.308	0.216	0.037	13.300	-0.023	1.080	0.000	33.510
x		0.248	0.294	0.174	13.300	0.064	0.740	0.000	33.200
σ		0.058	0.074	0.120	0.086	0.121	0.389	0.000	0.270
%RSD		23.230	25.190	69.120	0.650	189.400	52.630	0.000	0.814
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:37:06	77.226%	0.016	0.053	82.960%	-0.020	-0.017	-0.093	-0.051
2	22:37:49	78.269%	0.045	0.046	82.781%	-0.018	-0.017	-0.105	-0.049
3	22:38:32	78.194%	0.038	0.043	82.598%	-0.020	-0.015	-0.129	-0.074
x		77.896%	0.033	0.047	82.780%	-0.019	-0.016	-0.109	-0.058
σ		0.581%	0.015	0.005	0.181%	0.001	0.001	0.019	0.014
%RSD		0.746	45.540	10.360	0.219	4.970	5.675	17.020	24.220
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:37:06	77.357%	-0.197	0.265	0.217	15.940	15.840	80.712%	81.855%
2	22:37:49	78.743%	-0.134	0.205	0.242	15.930	16.060	82.451%	83.040%
3	22:38:32	78.665%	-0.097	0.234	0.246	16.540	16.650	83.022%	83.425%
x		78.255%	-0.143	0.235	0.235	16.140	16.180	82.062%	82.773%
σ		0.778%	0.051	0.030	0.015	0.348	0.418	1.203%	0.818%
%RSD		0.995	35.560	12.790	6.568	2.156	2.585	1.466	0.988
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	22:37:06	-0.012	-0.010	0.438	0.423	0.440	90.765%		
2	22:37:49	-0.016	-0.009	0.436	0.471	0.435	93.142%		
3	22:38:32	-0.014	-0.006	0.458	0.454	0.443	93.348%		
x		-0.014	-0.009	0.444	0.450	0.439	92.418%		
σ		0.002	0.002	0.012	0.024	0.004	1.435%		
%RSD		14.680	22.380	2.693	5.357	0.928	1.553		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:41:26	72.716%	42.330	855.200	866.200	0.000	77110.000	47320.000	50660.000
2	22:42:09	68.214%	41.860	847.400	862.000	0.000	76620.000	48290.000	50920.000
3	22:42:52	68.420%	42.180	843.300	852.200	0.000	74790.000	47990.000	51870.000
X		69.783%	42.120	848.600	860.200	0.000	76170.000	47870.000	51150.000
σ		2.542%	0.241	6.052	7.177	0.000	1222.000	493.000	635.200
%RSD		3.643	0.571	0.713	0.834	0.000	1.604	1.030	1.242
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:41:26	1962.000	13620.000	0.000	52220.000	63930.000	70480.000	64.926%	983.400
2	22:42:09	1937.000	13660.000	0.000	51580.000	63420.000	69820.000	62.435%	998.400
3	22:42:52	1988.000	13630.000	0.000	51480.000	63980.000	70360.000	60.183%	1003.000
X		1962.000	13640.000	0.000	51760.000	63780.000	70220.000	62.515%	994.800
σ		25.540	23.310	0.000	400.300	309.800	354.900	2.372%	10.030
%RSD		1.302	0.171	0.000	0.773	0.486	0.505	3.795	1.009
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:41:26	487.100	191.700	2528.000	18360.000	16660.000	461.900	459.900	229.300
2	22:42:09	493.200	196.500	2596.000	18500.000	16710.000	463.600	465.100	233.700
3	22:42:52	490.500	194.000	2603.000	18750.000	16540.000	463.800	460.000	233.500
X		490.300	194.100	2576.000	18540.000	16630.000	463.100	461.700	232.200
σ		3.070	2.409	41.320	199.400	88.380	1.036	3.011	2.520
%RSD		0.626	1.241	1.604	1.076	0.531	0.224	0.652	1.085
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:41:26	226.700	448.800	446.200	96.560	7.846	8.755	0.000	1202.000
2	22:42:09	231.500	454.800	453.300	98.740	7.943	9.431	0.000	1216.000
3	22:42:52	230.000	453.600	457.700	97.890	7.696	8.645	0.000	1183.000
X		229.400	452.400	452.400	97.730	7.828	8.944	0.000	1200.000
σ		2.491	3.150	5.787	1.095	0.124	0.426	0.000	16.150
%RSD		1.086	0.696	1.279	1.120	1.587	4.762	0.000	1.346
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:41:26	68.445%	929.500	935.400	67.803%	44.530	45.060	45.320	34.980
2	22:42:09	68.288%	945.200	951.500	67.781%	45.220	45.960	45.450	35.850
3	22:42:52	68.659%	934.600	939.400	68.155%	44.170	45.330	44.920	35.760
X		68.464%	936.400	942.100	67.913%	44.640	45.450	45.230	35.530
σ		0.186%	7.994	8.393	0.210%	0.536	0.458	0.277	0.478
%RSD		0.272	0.854	0.891	0.309	1.201	1.007	0.612	1.346
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:41:26	67.050%	2131.000	452.000	451.300	1883.000	1877.000	74.570%	75.414%
2	22:42:09	67.468%	2140.000	457.800	457.600	1894.000	1890.000	76.158%	77.030%
3	22:42:52	68.534%	2106.000	452.600	450.800	1862.000	1860.000	77.981%	78.449%
X		67.684%	2126.000	454.100	453.200	1879.000	1876.000	76.236%	76.964%
σ		0.765%	17.540	3.183	3.800	16.120	14.880	1.707%	1.519%
%RSD		1.131	0.825	0.701	0.838	0.858	0.793	2.239	1.973
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	22:41:26	42.090	42.160	19.380	19.700	19.580	73.679%		
2	22:42:09	42.840	42.760	19.720	19.660	19.680	75.710%		
3	22:42:52	41.850	41.930	19.320	19.590	19.320	78.035%		
X		42.260	42.290	19.470	19.650	19.530	75.808%		
σ		0.520	0.430	0.217	0.059	0.185	2.179%		
%RSD		1.230	1.017	1.115	0.298	0.948	2.875		

CCV 664806 12/21/2012 10:47:59 PM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:48:42	73.686%	100.900	102.800	101.800	0.000	48970.000	48150.000	48770.000
2	22:49:25	70.949%	102.500	100.900	99.130	0.000	49240.000	47710.000	48110.000
3	22:50:08	69.673%	105.100	104.900	105.700	0.000	52940.000	51110.000	51290.000
x		71.436%	102.843%	102.865%	102.205%	0.000	100.766%	97.979%	98.783%
σ		2.050%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		2.870	2.098	1.968	3.223	0.000	4.399	3.770	3.397
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:48:42	462.200	5395.000	0.000	49270.000	45690.000	49370.000	85.771%	97.020
2	22:49:25	458.200	5276.000	0.000	49090.000	46130.000	49110.000	84.234%	97.230
3	22:50:08	486.300	5715.000	0.000	55090.000	52040.000	56810.000	73.040%	111.700
x		93.785%	109.237%	0.000	102.305%	95.908%	103.531%	81.015%	101.981%
σ		n/a	n/a	0.000	n/a	n/a	n/a	6.949%	n/a
%RSD		3.244	4.159	0.000	6.677	7.387	8.440	8.578	8.249
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:48:42	92.950	92.930	508.200	25290.000	25400.000	93.560	96.330	96.120
2	22:49:25	92.320	92.360	504.300	25400.000	25650.000	95.940	96.870	96.130
3	22:50:08	106.600	107.500	573.200	28590.000	28510.000	104.500	104.700	105.600
x		97.295%	97.594%	105.715%	105.708%	106.073%	98.006%	99.284%	99.284%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		8.299	8.794	7.321	7.100	6.507	5.881	4.697	5.512
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:48:42	96.690	97.270	97.550	100.600	100.900	102.100	0.000	98.320
2	22:49:25	96.160	96.330	96.770	99.750	101.900	104.800	0.000	97.840
3	22:50:08	103.500	105.400	103.400	104.300	106.500	105.900	0.000	99.800
x		98.781%	99.670%	99.239%	101.552%	103.122%	104.234%	0.000	98.654%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		4.137	5.011	3.647	2.362	2.907	1.882	0.000	1.032
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:48:42	74.827%	97.420	97.650	74.658%	94.050	95.820	97.490	98.060
2	22:49:25	75.368%	100.400	99.840	74.688%	95.390	96.080	97.830	98.620
3	22:50:08	75.957%	101.800	102.300	74.892%	95.820	97.610	98.240	100.600
x		75.384%	99.884%	99.919%	74.746%	95.086%	96.504%	97.851%	99.089%
σ		0.565%	n/a	n/a	0.127%	n/a	n/a	n/a	n/a
%RSD		0.750	2.253	2.305	0.171	0.973	1.006	0.382	1.339
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:48:42	72.017%	98.660	96.820	96.440	96.110	96.310	75.831%	76.268%
2	22:49:25	73.316%	97.460	96.990	96.550	97.690	95.750	78.503%	78.558%
3	22:50:08	73.019%	100.100	98.020	98.090	96.580	96.750	78.513%	79.179%
x		72.784%	98.749%	97.276%	97.025%	96.793%	96.268%	77.616%	78.002%
σ		0.680%	n/a	n/a	n/a	n/a	n/a	1.546%	1.533%
%RSD		0.935	1.347	0.668	0.951	0.834	0.521	1.991	1.966
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	22:48:42	92.310	91.800	92.160	92.080	92.160	72.247%		
2	22:49:25	94.110	93.690	92.960	93.740	93.460	73.320%		
3	22:50:08	94.790	95.070	95.060	95.250	95.350	73.445%		
x		93.740%	93.519%	93.394%	93.691%	93.656%	73.004%		
σ		n/a	n/a	n/a	n/a	n/a	0.659%		
%RSD		1.366	1.755	1.602	1.696	1.715	0.902		

CCB9 12/21/2012 10:55:12 PM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:55:55	88.192%	-0.018	2.739	2.755	0.000	5.434	6.441	7.022
2	22:56:38	88.467%	-0.042	2.523	2.433	0.000	5.150	6.349	6.583
3	22:57:21	91.860%	-0.026	2.098	2.269	0.000	4.842	6.395	6.653
X		89.506%	-0.029	2.454	2.486	0.000	5.142	6.395	6.753
σ		2.043%	0.012	0.326	0.247	0.000	0.296	0.046	0.236
%RSD		2.282	41.220	13.290	9.940	0.000	5.751	0.720	3.493
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:55:55	1.713	0.721	0.000	-1.149	8.740	4.302	106.527%	-0.035
2	22:56:38	1.636	0.425	0.000	-0.548	1.806	4.813	104.283%	0.110
3	22:57:21	1.679	0.225	0.000	-1.495	1.945	6.068	103.516%	0.030
X		1.676	0.457	0.000	-1.064	4.164	5.061	104.775%	0.035
σ		0.039	0.250	0.000	0.479	3.964	0.909	1.565%	0.072
%RSD		2.309	54.600	0.000	45.000	95.200	17.960	1.494	206.700
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:55:55	0.049	0.005	0.314	9.791	15.180	-0.001	-0.017	-0.020
2	22:56:38	-0.015	0.000	0.313	9.770	13.860	0.008	0.004	-0.010
3	22:57:21	0.027	0.019	0.302	6.672	12.230	0.002	-0.009	-0.007
X		0.020	0.008	0.310	8.745	13.760	0.003	-0.007	-0.012
σ		0.033	0.010	0.007	1.795	1.476	0.005	0.011	0.007
%RSD		159.800	123.300	2.172	20.530	10.730	161.600	151.500	55.780
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:55:55	0.015	-0.284	-0.234	-0.151	-0.028	-0.333	0.000	0.029
2	22:56:38	-0.011	-0.074	0.017	-0.082	-0.017	0.115	0.000	0.032
3	22:57:21	0.023	0.063	0.016	-0.074	-0.204	0.201	0.000	0.031
X		0.009	-0.098	-0.067	-0.102	-0.083	-0.006	0.000	0.030
σ		0.018	0.175	0.144	0.043	0.105	0.286	0.000	0.002
%RSD		195.100	178.000	216.000	41.780	126.800	5194.000	0.000	5.413
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:55:55	86.581%	0.464	0.489	88.297%	-0.006	0.006	-0.020	-0.001
2	22:56:38	87.886%	0.450	0.431	89.319%	-0.000	0.001	-0.113	-0.068
3	22:57:21	88.175%	0.376	0.380	89.670%	0.000	0.006	-0.039	0.001
X		87.547%	0.430	0.434	89.095%	-0.002	0.004	-0.057	-0.022
σ		0.849%	0.048	0.054	0.713%	0.003	0.003	0.049	0.039
%RSD		0.970	11.050	12.510	0.801	164.800	62.350	85.370	175.100
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:55:55	79.306%	0.122	-0.029	-0.026	0.050	0.045	82.538%	83.098%
2	22:56:38	80.737%	0.070	-0.040	-0.021	0.040	0.037	85.289%	85.130%
3	22:57:21	81.122%	-0.058	-0.019	-0.024	0.052	0.055	85.881%	86.003%
X		80.388%	0.045	-0.029	-0.024	0.047	0.046	84.569%	84.744%
σ		0.957%	0.093	0.010	0.002	0.006	0.009	1.784%	1.491%
%RSD		1.190	208.100	35.460	9.322	13.290	19.720	2.109	1.759
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	22:55:55	0.018	0.033	0.062	0.045	0.052	92.726%		
2	22:56:38	0.034	0.028	0.043	0.047	0.042	94.145%		
3	22:57:21	0.019	0.028	0.039	0.034	0.040	94.580%		
X		0.024	0.030	0.048	0.042	0.045	93.817%		
σ		0.009	0.003	0.013	0.007	0.006	0.969%		
%RSD		37.050	10.160	26.070	17.610	13.640	1.033		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	23:00:17	74.374%	43.850	870.200	870.700	0.000	79470.000	48710.000	49990.000	
2	23:01:00	71.688%	43.550	858.500	889.000	0.000	79910.000	49010.000	51490.000	
3	23:01:43	71.124%	41.180	830.000	843.000	0.000	76110.000	46950.000	49590.000	
X		72.396%	42.860	852.900	867.600	0.000	78500.000	48220.000	50360.000	
		σ	1.737%	1.464	20.660	23.190	0.000	2076.000	1111.000	1004.000
		%RSD	2.399	3.415	2.423	2.672	0.000	2.645	2.305	1.993
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	23:00:17	1907.000	13770.000	0.000	53270.000	65250.000	70880.000	67.171%	1010.000	
2	23:01:00	1958.000	13810.000	0.000	53960.000	66150.000	73080.000	63.850%	1030.000	
3	23:01:43	1885.000	13240.000	0.000	51100.000	63270.000	69090.000	63.681%	975.800	
X		1916.000	13610.000	0.000	52780.000	64890.000	71020.000	64.901%	1005.000	
		σ	37.420	318.200	0.000	1494.000	1474.000	2002.000	1.968%	27.310
		%RSD	1.952	2.338	0.000	2.832	2.271	2.819	3.032	2.716
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	23:00:17	492.700	195.600	2609.000	18870.000	17200.000	449.400	468.600	232.800	
2	23:01:00	494.400	198.900	2676.000	19470.000	17590.000	485.200	476.200	238.600	
3	23:01:43	473.000	191.000	2556.000	18560.000	17010.000	465.700	459.900	228.700	
X		486.700	195.200	2614.000	18970.000	17270.000	466.800	468.200	233.400	
		σ	11.880	3.951	59.960	459.900	294.800	17.940	8.150	4.962
		%RSD	2.441	2.025	2.294	2.425	1.707	3.844	1.741	2.126
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	23:00:17	234.500	448.300	448.900	96.550	7.994	9.342	0.000	1223.000	
2	23:01:00	240.500	459.400	458.000	97.330	8.384	10.040	0.000	1221.000	
3	23:01:43	229.200	443.600	443.800	94.360	7.926	9.767	0.000	1196.000	
X		234.700	450.400	450.200	96.080	8.101	9.715	0.000	1213.000	
		σ	5.659	8.118	7.211	1.541	0.247	0.350	0.000	14.870
		%RSD	2.411	1.803	1.602	1.604	3.049	3.607	0.000	1.225
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	23:00:17	68.888%	941.900	936.200	68.607%	44.700	45.650	44.800	34.130	
2	23:01:00	69.580%	958.300	946.400	68.850%	45.460	45.910	45.380	34.890	
3	23:01:43	69.873%	932.100	934.000	69.308%	44.340	44.990	44.960	35.020	
X		69.447%	944.100	938.900	68.922%	44.830	45.520	45.050	34.680	
		σ	0.506%	13.220	6.588	0.356%	0.570	0.470	0.301	0.482
		%RSD	0.728	1.400	0.702	0.516	1.272	1.034	0.668	1.390
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	23:00:17	66.364%	2158.000	453.500	453.500	1912.000	1889.000	73.113%	73.990%	
2	23:01:00	67.400%	2172.000	458.100	455.300	1920.000	1912.000	75.365%	75.707%	
3	23:01:43	68.044%	2121.000	451.500	450.600	1877.000	1866.000	76.624%	77.376%	
X		67.269%	2151.000	454.300	453.100	1903.000	1889.000	75.034%	75.691%	
		σ	0.848%	26.290	3.386	2.358	22.860	23.310	1.779%	1.693%
		%RSD	1.260	1.222	0.745	0.520	1.201	1.234	2.371	2.236
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi			
		ppb	ppb	ppb	ppb	ppb	ppb			
1	23:00:17	42.550	42.250	19.680	19.510	19.660	72.204%			
2	23:01:00	43.070	43.070	19.860	20.050	19.880	74.735%			
3	23:01:43	41.800	41.380	18.770	19.290	19.040	78.134%			
X		42.480	42.230	19.440	19.620	19.530	75.024%			
		σ	0.640	0.842	0.583	0.393	0.434	2.975%		
		%RSD	1.507	1.994	2.998	2.002	2.225	3.966		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:07:32	74.584%	0.010	189.100	191.900	0.000	44740.000	23520.000	24410.000
2	23:08:15	73.201%	0.023	188.200	194.400	0.000	44340.000	23060.000	24610.000
3	23:08:58	71.497%	0.004	190.300	196.400	0.000	46050.000	24180.000	25330.000
X		73.094%	0.012	189.200	194.200	0.000	45050.000	23590.000	24780.000
σ		1.546%	0.010	1.089	2.251	0.000	896.500	566.200	482.900
%RSD		2.115	81.780	0.576	1.159	0.000	1.990	2.401	1.949
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:07:32	21.680	13970.000	0.000	4571.000	64620.000	72000.000	66.476%	2.982
2	23:08:15	21.950	13920.000	0.000	4584.000	65390.000	71900.000	64.993%	2.766
3	23:08:58	22.030	14370.000	0.000	4637.000	67020.000	73830.000	63.381%	2.557
X		21.890	14080.000	0.000	4597.000	65680.000	72570.000	64.950%	2.768
σ		0.186	246.800	0.000	35.340	1229.000	1087.000	1.548%	0.213
%RSD		0.851	1.752	0.000	0.769	1.872	1.497	2.383	7.678
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:07:32	1.519	1.718	1509.000	47860.000	47070.000	0.273	0.954	0.983
2	23:08:15	3.852	1.728	1506.000	46790.000	46980.000	0.236	1.017	1.076
3	23:08:58	3.930	1.770	1557.000	48220.000	47990.000	0.277	0.972	1.078
X		3.100	1.739	1524.000	47620.000	47350.000	0.262	0.981	1.046
σ		1.370	0.028	28.400	745.100	558.700	0.023	0.032	0.054
%RSD		44.190	1.604	1.863	1.565	1.180	8.732	3.302	5.170
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:07:32	0.957	4.803	4.839	8.383	0.019	1.272	0.000	594.300
2	23:08:15	0.938	5.049	5.218	7.875	-0.042	1.150	0.000	595.400
3	23:08:58	0.960	5.024	5.381	8.879	-0.026	1.778	0.000	606.600
X		0.951	4.959	5.146	8.379	-0.016	1.400	0.000	598.800
σ		0.012	0.135	0.278	0.502	0.032	0.333	0.000	6.815
%RSD		1.243	2.726	5.410	5.991	195.000	23.770	0.000	1.138
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:07:32	69.004%	1.781	1.727	70.365%	-0.017	-0.017	-0.002	0.023
2	23:08:15	69.074%	1.327	1.263	70.294%	-0.018	-0.010	-0.103	-0.065
3	23:08:58	68.659%	1.063	1.012	69.408%	-0.019	-0.012	-0.144	-0.099
X		68.913%	1.391	1.334	70.022%	-0.018	-0.013	-0.083	-0.047
σ		0.222%	0.363	0.363	0.533%	0.001	0.004	0.073	0.063
%RSD		0.322	26.120	27.190	0.761	5.285	28.410	87.750	133.600
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:07:32	67.290%	4.269	0.254	0.342	111.700	108.900	72.699%	73.397%
2	23:08:15	68.269%	3.032	0.267	0.277	110.400	110.900	74.949%	75.662%
3	23:08:58	67.904%	2.362	0.281	0.285	113.600	112.800	74.851%	75.557%
X		67.821%	3.221	0.267	0.301	111.900	110.900	74.166%	74.872%
σ		0.495%	0.967	0.013	0.035	1.573	1.916	1.272%	1.278%
%RSD		0.729	30.020	4.947	11.720	1.405	1.728	1.715	1.707
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	23:07:32	0.157	0.147	0.440	0.448	0.437	76.046%		
2	23:08:15	0.111	0.114	0.425	0.465	0.435	78.091%		
3	23:08:58	0.101	0.096	0.429	0.419	0.437	77.220%		
X		0.123	0.119	0.431	0.444	0.436	77.119%		
σ		0.030	0.026	0.008	0.023	0.001	1.026%		
%RSD		24.560	22.030	1.757	5.161	0.207	1.331		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:11:54	71.894%	-0.029	233.300	239.500	0.000	34780.000	56920.000	60360.000
2	23:12:37	70.023%	-0.022	232.500	233.700	0.000	34100.000	56250.000	59630.000
3	23:13:20	68.963%	-0.006	244.300	242.500	0.000	34380.000	56510.000	60650.000
X		70.293%	-0.019	236.700	238.600	0.000	34420.000	56560.000	60210.000
σ		1.484%	0.012	6.605	4.472	0.000	341.500	337.500	527.600
%RSD		2.111	62.810	2.791	1.874	0.000	0.992	0.597	0.876
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:11:54	1.595	16310.000	0.000	13120.000	107200.000	118300.000	64.027%	4.132
2	23:12:37	1.555	16210.000	0.000	12960.000	108200.000	119200.000	61.714%	3.635
3	23:13:20	1.551	16470.000	0.000	12970.000	106400.000	119100.000	61.486%	3.395
X		1.567	16330.000	0.000	13020.000	107300.000	118900.000	62.409%	3.721
σ		0.024	130.200	0.000	90.890	880.500	475.300	1.406%	0.376
%RSD		1.548	0.797	0.000	0.698	0.821	0.400	2.253	10.100
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:11:54	2.668	0.999	565.900	35290.000	35530.000	1.405	2.764	0.690
2	23:12:37	3.387	0.948	566.600	35180.000	35780.000	1.347	2.700	0.732
3	23:13:20	2.704	0.919	568.000	35920.000	35820.000	1.427	2.781	0.648
X		2.919	0.955	566.800	35460.000	35710.000	1.393	2.748	0.690
σ		0.406	0.041	1.039	396.200	159.400	0.042	0.043	0.042
%RSD		13.890	4.251	0.183	1.117	0.446	2.989	1.547	6.095
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:11:54	0.697	7.167	7.384	11.920	-0.123	0.955	0.000	988.100
2	23:12:37	0.725	7.467	7.616	11.570	0.107	1.293	0.000	995.100
3	23:13:20	0.680	7.853	8.010	12.400	-0.264	0.200	0.000	997.900
X		0.701	7.496	7.670	11.960	-0.094	0.816	0.000	993.700
σ		0.023	0.344	0.317	0.415	0.187	0.559	0.000	5.013
%RSD		3.241	4.590	4.128	3.467	200.100	68.550	0.000	0.504
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:11:54	67.821%	0.908	0.793	68.934%	-0.019	-0.020	-0.012	0.015
2	23:12:37	67.589%	0.847	0.710	68.050%	-0.021	-0.014	-0.037	-0.025
3	23:13:20	67.194%	0.812	0.703	68.276%	-0.017	-0.015	-0.098	-0.051
X		67.535%	0.856	0.735	68.420%	-0.019	-0.017	-0.049	-0.021
σ		0.317%	0.049	0.050	0.459%	0.002	0.003	0.044	0.033
%RSD		0.469	5.698	6.787	0.671	9.158	18.900	90.100	160.100
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:11:54	66.540%	1.640	0.260	0.288	263.600	262.700	72.875%	73.147%
2	23:12:37	68.064%	1.662	0.246	0.281	264.800	265.100	73.900%	75.378%
3	23:13:20	67.593%	1.486	0.189	0.328	268.200	266.400	74.659%	75.403%
X		67.399%	1.596	0.232	0.299	265.500	264.700	73.812%	74.643%
σ		0.781%	0.096	0.038	0.025	2.372	1.896	0.895%	1.295%
%RSD		1.158	6.020	16.220	8.460	0.893	0.716	1.213	1.736
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	23:11:54	0.048	0.051	12.550	12.560	12.540	74.559%		
2	23:12:37	0.022	0.043	12.780	12.820	12.680	76.438%		
3	23:13:20	0.037	0.039	12.720	12.670	12.680	76.953%		
X		0.036	0.044	12.690	12.680	12.630	75.983%		
σ		0.013	0.006	0.118	0.132	0.079	1.260%		
%RSD		36.980	14.110	0.932	1.039	0.626	1.658		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:16:16	68.437%	-0.026	169.400	176.100	0.000	79870.000	67590.000	70750.000
2	23:16:59	68.254%	0.003	168.400	170.800	0.000	79060.000	67890.000	71550.000
3	23:17:42	66.483%	-0.016	172.100	171.600	0.000	77890.000	66680.000	71280.000
x		67.725%	-0.013	170.000	172.800	0.000	78940.000	67380.000	71190.000
σ		1.079%	0.015	1.958	2.841	0.000	996.100	631.100	402.500
%RSD		1.594	113.200	1.152	1.644	0.000	1.262	0.937	0.565
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:16:16	192.700	11250.000	0.000	13030.000	163100.000	180400.000	61.485%	9.676
2	23:16:59	196.400	11090.000	0.000	13170.000	164500.000	182200.000	59.889%	9.616
3	23:17:42	193.200	11110.000	0.000	12780.000	161700.000	180100.000	59.600%	9.953
x		194.100	11150.000	0.000	12990.000	163100.000	180900.000	60.324%	9.748
σ		2.009	89.220	0.000	196.300	1402.000	1115.000	1.015%	0.180
%RSD		1.035	0.800	0.000	1.511	0.860	0.616	1.683	1.844
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:16:16	1.996	1.866	2009.000	8539.000	8196.000	0.676	1.020	1.173
2	23:16:59	2.818	1.773	1999.000	8430.000	8139.000	0.662	1.017	1.174
3	23:17:42	2.024	1.748	2029.000	8544.000	8162.000	0.669	0.949	1.274
x		2.280	1.795	2012.000	8504.000	8166.000	0.669	0.995	1.207
σ		0.467	0.062	15.130	64.590	28.930	0.007	0.041	0.058
%RSD		20.480	3.458	0.752	0.760	0.354	1.038	4.081	4.792
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:16:16	0.993	14.500	13.830	1.716	-0.049	1.279	0.000	969.800
2	23:16:59	1.012	14.470	14.370	2.436	-0.221	1.059	0.000	970.700
3	23:17:42	1.010	14.770	14.500	3.095	-0.111	1.009	0.000	984.300
x		1.005	14.580	14.230	2.415	-0.127	1.116	0.000	974.900
σ		0.011	0.162	0.356	0.689	0.088	0.143	0.000	8.131
%RSD		1.065	1.109	2.504	28.540	69.020	12.870	0.000	0.834
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:16:16	65.282%	0.461	0.354	65.909%	-0.022	-0.014	-0.029	-0.004
2	23:16:59	65.782%	0.409	0.378	65.843%	-0.019	-0.016	-0.086	-0.055
3	23:17:42	64.275%	0.367	0.370	64.819%	-0.011	-0.013	-0.063	-0.034
x		65.113%	0.413	0.367	65.523%	-0.017	-0.014	-0.059	-0.031
σ		0.767%	0.047	0.012	0.611%	0.006	0.002	0.028	0.025
%RSD		1.178	11.380	3.272	0.933	32.030	11.470	47.560	81.250
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:16:16	64.082%	1.255	0.036	0.095	134.700	134.800	70.196%	70.999%
2	23:16:59	64.567%	1.250	0.042	0.137	135.100	136.400	71.438%	72.673%
3	23:17:42	64.484%	1.292	0.049	0.116	135.900	135.900	71.914%	72.466%
x		64.378%	1.266	0.042	0.116	135.200	135.700	71.183%	72.046%
σ		0.259%	0.023	0.006	0.021	0.606	0.799	0.887%	0.912%
%RSD		0.402	1.802	14.890	17.740	0.448	0.589	1.246	1.266
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	23:16:16	0.028	0.034	1.374	1.396	1.338	71.727%		
2	23:16:59	0.039	0.040	1.300	1.302	1.318	73.589%		
3	23:17:42	0.021	0.030	1.323	1.310	1.340	73.662%		
x		0.030	0.035	1.332	1.336	1.332	72.992%		
σ		0.009	0.005	0.038	0.052	0.012	1.097%		
%RSD		30.470	14.400	2.868	3.910	0.937	1.502		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:20:38	72.099%	-0.014	218.900	220.600	0.000	60830.000	58410.000	60940.000
2	23:21:21	69.863%	-0.029	210.900	217.000	0.000	61100.000	58980.000	61220.000
3	23:22:04	69.233%	-0.009	211.700	219.400	0.000	61310.000	57910.000	61150.000
X		70.398%	-0.017	213.800	219.000	0.000	61080.000	58430.000	61110.000
σ		1.506%	0.011	4.420	1.818	0.000	239.300	534.300	145.200
%RSD		2.139	62.370	2.067	0.830	0.000	0.392	0.914	0.238
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:20:38	32.990	14640.000	0.000	10640.000	95460.000	106200.000	63.669%	4.405
2	23:21:21	33.660	14740.000	0.000	10510.000	96120.000	106200.000	61.432%	4.465
3	23:22:04	34.270	14620.000	0.000	10470.000	97210.000	105800.000	61.910%	4.229
X		33.640	14670.000	0.000	10540.000	96270.000	106100.000	62.337%	4.367
σ		0.639	61.940	0.000	92.150	884.800	199.300	1.178%	0.123
%RSD		1.898	0.422	0.000	0.874	0.919	0.188	1.890	2.811
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:20:38	1.835	1.262	369.400	29400.000	29580.000	1.586	2.013	0.717
2	23:21:21	1.905	1.191	378.600	29860.000	29690.000	1.605	2.164	0.732
3	23:22:04	2.939	1.099	369.200	29300.000	28990.000	1.507	2.114	0.760
X		2.226	1.184	372.400	29520.000	29420.000	1.566	2.097	0.737
σ		0.618	0.082	5.345	300.600	380.300	0.052	0.077	0.022
%RSD		27.770	6.928	1.435	1.018	1.293	3.334	3.670	2.984
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:20:38	0.668	2.128	2.083	14.610	-0.140	0.840	0.000	974.400
2	23:21:21	0.669	2.064	2.149	13.990	-0.104	1.888	0.000	979.900
3	23:22:04	0.601	1.795	2.278	14.230	-0.013	1.344	0.000	969.900
X		0.646	1.996	2.170	14.280	-0.086	1.357	0.000	974.800
σ		0.039	0.176	0.099	0.316	0.065	0.524	0.000	5.021
%RSD		6.024	8.840	4.570	2.213	76.010	38.620	0.000	0.515
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:20:38	66.654%	0.629	0.638	67.779%	-0.022	-0.016	-0.030	-0.026
2	23:21:21	66.538%	0.716	0.677	67.246%	-0.021	-0.021	-0.086	-0.048
3	23:22:04	67.555%	0.652	0.641	67.802%	-0.020	-0.011	-0.139	-0.082
X		66.916%	0.665	0.652	67.609%	-0.021	-0.016	-0.085	-0.052
σ		0.557%	0.045	0.021	0.315%	0.001	0.005	0.055	0.028
%RSD		0.832	6.757	3.247	0.465	4.752	33.620	64.130	53.600
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:20:38	65.640%	1.193	0.141	0.225	501.900	500.100	71.921%	73.044%
2	23:21:21	67.221%	1.216	0.159	0.239	502.000	499.900	73.320%	74.712%
3	23:22:04	67.338%	1.031	0.172	0.195	498.100	495.100	74.703%	74.963%
X		66.733%	1.147	0.157	0.219	500.700	498.400	73.315%	74.239%
σ		0.948%	0.101	0.016	0.023	2.185	2.811	1.391%	1.043%
%RSD		1.421	8.809	10.190	10.290	0.436	0.564	1.897	1.405
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	23:20:38	0.008	0.025	7.313	7.361	7.257	73.105%		
2	23:21:21	0.016	0.020	7.406	7.419	7.373	75.052%		
3	23:22:04	0.004	0.013	7.360	7.300	7.312	75.668%		
X		0.009	0.019	7.360	7.360	7.314	74.608%		
σ		0.006	0.006	0.046	0.059	0.058	1.338%		
%RSD		66.580	32.270	0.630	0.805	0.797	1.793		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:24:58	70.467%	-0.012	120.800	122.200	0.000	63700.000	53940.000	56450.000
2	23:25:41	67.308%	-0.012	120.800	128.000	0.000	64910.000	56160.000	58890.000
3	23:26:24	66.537%	-0.016	119.900	123.600	0.000	64370.000	56160.000	60140.000
X		68.104%	-0.013	120.500	124.600	0.000	64330.000	55420.000	58490.000
σ		2.082%	0.002	0.519	3.053	0.000	607.100	1281.000	1878.000
%RSD		3.058	17.440	0.430	2.450	0.000	0.944	2.311	3.210
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:24:58	139.500	10800.000	0.000	3153.000	72510.000	80710.000	62.602%	6.048
2	23:25:41	145.300	10910.000	0.000	3192.000	74160.000	81920.000	59.799%	5.720
3	23:26:24	148.300	11030.000	0.000	3117.000	72640.000	80900.000	58.103%	5.761
X		144.400	10910.000	0.000	3154.000	73110.000	81170.000	60.168%	5.843
σ		4.506	113.300	0.000	37.240	919.000	649.800	2.272%	0.179
%RSD		3.121	1.039	0.000	1.181	1.257	0.800	3.776	3.062
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:24:58	2.135	1.504	4131.000	1839.000	1927.000	3.874	4.606	2.569
2	23:25:41	3.873	1.425	4109.000	1832.000	1931.000	3.829	4.355	2.536
3	23:26:24	2.647	1.417	4221.000	1871.000	1922.000	3.844	4.333	2.656
X		2.885	1.449	4154.000	1847.000	1926.000	3.849	4.431	2.587
σ		0.893	0.048	59.240	21.050	4.670	0.023	0.152	0.062
%RSD		30.960	3.337	1.426	1.140	0.242	0.595	3.429	2.404
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:24:58	2.573	7.178	7.843	22.840	-0.240	1.620	0.000	483.600
2	23:25:41	2.318	7.573	7.770	22.270	-0.120	1.717	0.000	483.500
3	23:26:24	2.336	7.374	7.740	23.260	-0.429	0.653	0.000	485.900
X		2.409	7.375	7.785	22.790	-0.263	1.330	0.000	484.300
σ		0.142	0.198	0.053	0.495	0.156	0.588	0.000	1.350
%RSD		5.892	2.683	0.681	2.171	59.260	44.220	0.000	0.279
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:24:58	65.940%	1.642	1.596	66.585%	-0.019	-0.013	0.053	0.089
2	23:25:41	66.098%	1.611	1.657	66.980%	-0.025	-0.020	0.050	0.058
3	23:26:24	65.752%	1.648	1.578	66.544%	-0.019	-0.019	0.005	0.051
X		65.930%	1.634	1.610	66.703%	-0.021	-0.017	0.036	0.066
σ		0.174%	0.020	0.041	0.241%	0.004	0.004	0.027	0.020
%RSD		0.263	1.207	2.575	0.361	17.580	21.270	73.730	31.050
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:24:58	64.988%	0.887	0.020	0.082	148.100	149.400	71.702%	72.587%
2	23:25:41	65.102%	1.104	0.048	0.081	150.600	147.900	73.398%	74.008%
3	23:26:24	65.382%	0.813	0.043	0.064	150.500	149.700	73.459%	73.932%
X		65.157%	0.935	0.037	0.076	149.700	149.000	72.853%	73.509%
σ		0.203%	0.151	0.015	0.010	1.450	0.959	0.997%	0.799%
%RSD		0.311	16.170	39.910	13.140	0.968	0.644	1.369	1.088
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	23:24:58	0.053	0.054	0.397	0.371	0.383	74.750%		
2	23:25:41	0.056	0.047	0.402	0.385	0.387	76.277%		
3	23:26:24	0.057	0.062	0.370	0.406	0.395	76.114%		
X		0.055	0.054	0.390	0.388	0.388	75.714%		
σ		0.002	0.008	0.017	0.018	0.006	0.838%		
%RSD		3.809	14.050	4.339	4.602	1.469	1.107		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:29:17	70.320%	-0.005	45.530	49.410	0.000	40710.000	44000.000	45650.000
2	23:30:00	68.583%	0.008	45.590	46.900	0.000	40930.000	44430.000	46380.000
3	23:30:43	68.599%	-0.015	46.550	47.470	0.000	40120.000	43340.000	46000.000
X		69.167%	-0.004	45.890	47.930	0.000	40590.000	43920.000	46010.000
σ		0.998%	0.012	0.572	1.315	0.000	418.600	545.800	361.600
%RSD		1.443	282.300	1.247	2.743	0.000	1.031	1.243	0.786
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:29:17	69.710	15440.000	0.000	2144.000	51270.000	57570.000	62.031%	4.917
2	23:30:00	69.540	15700.000	0.000	2201.000	52820.000	58530.000	60.080%	4.652
3	23:30:43	70.050	15490.000	0.000	2156.000	51660.000	56930.000	59.937%	4.352
X		69.770	15550.000	0.000	2167.000	51920.000	57680.000	60.683%	4.641
σ		0.256	138.900	0.000	29.970	807.900	801.600	1.169%	0.282
%RSD		0.367	0.893	0.000	1.383	1.556	1.390	1.927	6.087
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:29:17	1.576	1.854	7577.000	3671.000	3450.000	77.750	32.230	2.876
2	23:30:00	2.188	1.780	7711.000	3695.000	3506.000	79.610	33.380	2.969
3	23:30:43	1.198	1.665	7617.000	3674.000	3428.000	77.630	32.150	2.920
X		1.654	1.766	7635.000	3680.000	3461.000	78.330	32.590	2.922
σ		0.499	0.095	68.650	13.380	40.480	1.115	0.688	0.047
%RSD		30.190	5.394	0.899	0.364	1.170	1.423	2.113	1.593
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:29:17	2.924	65.130	67.250	3.719	-0.274	1.085	0.000	228.100
2	23:30:00	2.914	67.730	68.420	2.868	-0.531	0.870	0.000	235.400
3	23:30:43	2.924	65.970	66.700	4.275	-0.356	1.727	0.000	232.900
X		2.920	66.280	67.460	3.621	-0.387	1.227	0.000	232.100
σ		0.006	1.328	0.880	0.708	0.131	0.446	0.000	3.735
%RSD		0.197	2.004	1.305	19.570	33.880	36.310	0.000	1.609
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:29:17	67.040%	0.644	0.574	68.051%	-0.017	-0.019	0.422	0.655
2	23:30:00	65.665%	0.664	0.622	66.776%	-0.018	-0.018	0.419	0.475
3	23:30:43	66.633%	0.632	0.597	67.632%	-0.018	-0.021	0.398	0.463
X		66.446%	0.646	0.598	67.486%	-0.018	-0.019	0.413	0.531
σ		0.706%	0.016	0.024	0.650%	0.001	0.001	0.013	0.108
%RSD		1.063	2.503	4.009	0.963	3.536	6.070	3.184	20.270
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:29:17	64.669%	0.923	0.046	0.083	34.200	33.240	71.205%	72.361%
2	23:30:00	65.177%	1.128	0.032	0.083	34.760	33.750	72.373%	73.535%
3	23:30:43	65.778%	0.951	0.063	0.079	34.490	34.190	73.601%	74.334%
X		65.208%	1.001	0.047	0.082	34.480	33.730	72.393%	73.410%
σ		0.555%	0.111	0.015	0.002	0.277	0.476	1.198%	0.993%
%RSD		0.852	11.120	32.060	2.501	0.803	1.411	1.655	1.352
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	23:29:17	0.049	0.053	1.300	1.389	1.339	75.369%		
2	23:30:00	0.053	0.066	1.376	1.293	1.332	76.176%		
3	23:30:43	0.063	0.059	1.342	1.351	1.318	76.692%		
X		0.055	0.059	1.340	1.344	1.330	76.079%		
σ		0.007	0.006	0.038	0.049	0.010	0.667%		
%RSD		12.880	10.490	2.852	3.628	0.785	0.876		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:33:36	72.298%	-0.034	28.360	29.090	0.000	40770.000	7217.000	7694.000
2	23:34:19	72.103%	-0.016	28.010	28.370	0.000	39760.000	7272.000	7727.000
3	23:35:02	69.631%	-0.029	28.240	29.040	0.000	40500.000	7459.000	7951.000
X		71.344%	-0.026	28.200	28.830	0.000	40340.000	7316.000	7791.000
σ		1.487%	0.009	0.178	0.402	0.000	521.600	126.800	139.700
%RSD		2.084	34.530	0.632	1.396	0.000	1.293	1.733	1.793
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:33:36	64.340	5377.000	0.000	3951.000	31250.000	34800.000	63.222%	3.337
2	23:34:19	64.760	5446.000	0.000	3947.000	31790.000	35100.000	60.833%	3.682
3	23:35:02	66.820	5465.000	0.000	3936.000	31940.000	35710.000	59.716%	3.733
X		65.310	5429.000	0.000	3945.000	31660.000	35200.000	61.257%	3.584
σ		1.329	46.670	0.000	7.978	367.100	466.900	1.791%	0.215
%RSD		2.035	0.860	0.000	0.202	1.159	1.326	2.924	6.010
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:33:36	3.721	1.482	24.380	620.600	670.900	0.437	2.696	1.087
2	23:34:19	2.093	1.508	25.100	640.800	688.700	0.445	2.780	1.184
3	23:35:02	2.213	1.395	24.520	630.800	690.300	0.448	2.629	1.063
X		2.676	1.462	24.670	630.700	683.300	0.444	2.701	1.112
σ		0.907	0.059	0.382	10.120	10.750	0.006	0.076	0.064
%RSD		33.900	4.024	1.550	1.604	1.574	1.273	2.796	5.766
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:33:36	0.860	1.301	1.363	1.435	-0.088	1.373	0.000	132.500
2	23:34:19	0.984	1.555	1.557	1.893	-0.185	1.799	0.000	134.800
3	23:35:02	1.011	1.430	1.260	1.859	-0.290	0.933	0.000	134.400
X		0.952	1.429	1.394	1.729	-0.188	1.368	0.000	133.900
σ		0.080	0.127	0.151	0.255	0.101	0.433	0.000	1.260
%RSD		8.441	8.896	10.830	14.740	53.710	31.650	0.000	0.941
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:33:36	66.825%	0.959	0.969	69.928%	-0.010	-0.007	0.019	0.051
2	23:34:19	66.477%	1.065	1.041	70.082%	-0.013	-0.014	-0.109	-0.068
3	23:35:02	66.209%	0.981	1.042	69.072%	-0.012	-0.011	-0.109	-0.036
X		66.504%	1.002	1.017	69.694%	-0.012	-0.011	-0.066	-0.018
σ		0.309%	0.056	0.042	0.544%	0.002	0.003	0.074	0.062
%RSD		0.465	5.615	4.097	0.781	13.170	30.850	110.800	348.800
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:33:36	66.686%	0.489	0.245	0.307	17.560	17.270	73.090%	74.007%
2	23:34:19	67.058%	0.597	0.266	0.232	17.360	17.910	74.000%	75.365%
3	23:35:02	66.928%	0.640	0.279	0.284	17.470	17.260	75.089%	75.705%
X		66.891%	0.575	0.263	0.275	17.460	17.480	74.060%	75.026%
σ		0.189%	0.078	0.017	0.039	0.098	0.376	1.001%	0.899%
%RSD		0.283	13.510	6.566	14.100	0.564	2.152	1.352	1.198
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	23:33:36	0.008	0.005	0.241	0.244	0.238	79.096%		
2	23:34:19	0.005	0.006	0.238	0.266	0.245	80.000%		
3	23:35:02	0.003	0.006	0.265	0.266	0.256	80.316%		
X		0.006	0.006	0.248	0.259	0.247	79.804%		
σ		0.003	0.001	0.015	0.013	0.009	0.633%		
%RSD		46.010	13.880	6.066	4.929	3.778	0.793		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:37:56	73.261%	-0.020	43.270	44.420	0.000	33400.000	12100.000	12810.000
2	23:38:39	70.708%	-0.028	44.630	45.740	0.000	33570.000	12280.000	12910.000
3	23:39:22	69.914%	-0.052	44.400	44.690	0.000	34480.000	12690.000	13320.000
X		71.295%	-0.033	44.100	44.950	0.000	33820.000	12360.000	13020.000
σ		1.749%	0.017	0.727	0.700	0.000	579.800	302.500	266.500
%RSD		2.453	50.930	1.648	1.557	0.000	1.715	2.448	2.047
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:37:56	2.140	7945.000	0.000	5348.000	39850.000	45070.000	62.403%	1.766
2	23:38:39	2.071	8003.000	0.000	5288.000	39280.000	43830.000	62.892%	1.886
3	23:39:22	2.079	8062.000	0.000	5365.000	40610.000	45300.000	59.883%	1.807
X		2.097	8003.000	0.000	5333.000	39910.000	44740.000	61.726%	1.820
σ		0.038	58.640	0.000	40.480	668.000	791.900	1.614%	0.061
%RSD		1.796	0.733	0.000	0.759	1.674	1.770	2.615	3.348
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:37:56	1.467	0.728	2511.000	25600.000	22570.000	0.257	2.021	0.453
2	23:38:39	3.097	0.678	2469.000	25400.000	25110.000	0.269	1.837	0.441
3	23:39:22	1.576	0.635	2559.000	26300.000	23100.000	0.246	1.853	0.499
X		2.047	0.680	2513.000	25770.000	23590.000	0.257	1.904	0.464
σ		0.911	0.046	45.150	476.100	1343.000	0.012	0.102	0.031
%RSD		44.520	6.775	1.797	1.848	5.693	4.528	5.340	6.614
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:37:56	0.316	0.953	1.551	1.754	-0.330	0.598	0.000	205.000
2	23:38:39	0.391	0.785	1.486	2.289	-0.228	2.036	0.000	211.100
3	23:39:22	0.359	0.998	1.257	2.573	-0.165	1.988	0.000	210.700
X		0.355	0.912	1.432	2.205	-0.241	1.541	0.000	209.000
σ		0.038	0.112	0.155	0.416	0.083	0.817	0.000	3.411
%RSD		10.550	12.270	10.800	18.860	34.420	53.000	0.000	1.632
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:37:56	67.430%	0.266	0.315	70.033%	-0.018	-0.012	-0.150	-0.113
2	23:38:39	66.669%	0.293	0.292	70.731%	-0.024	-0.015	-0.086	-0.063
3	23:39:22	67.454%	0.318	0.283	68.965%	-0.024	-0.016	-0.079	-0.052
X		67.184%	0.292	0.297	69.910%	-0.022	-0.015	-0.105	-0.076
σ		0.447%	0.026	0.017	0.889%	0.004	0.002	0.039	0.032
%RSD		0.665	8.918	5.612	1.272	15.910	13.300	37.580	42.800
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:37:56	66.943%	0.384	-0.016	0.014	76.400	75.590	72.697%	73.721%
2	23:38:39	68.006%	0.496	-0.018	-0.011	77.370	75.460	75.242%	75.755%
3	23:39:22	67.966%	0.472	-0.022	0.006	76.760	76.610	74.986%	75.864%
X		67.638%	0.451	-0.018	0.003	76.840	75.890	74.308%	75.114%
σ		0.603%	0.059	0.003	0.013	0.490	0.632	1.401%	1.207%
%RSD		0.891	13.040	16.250	392.000	0.637	0.833	1.885	1.607
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	23:37:56	-0.006	0.002	0.032	0.026	0.026	77.747%		
2	23:38:39	-0.000	0.004	0.021	0.019	0.017	79.851%		
3	23:39:22	-0.005	0.002	0.020	0.012	0.018	79.075%		
X		-0.004	0.002	0.024	0.019	0.020	78.891%		
σ		0.003	0.001	0.007	0.007	0.005	1.064%		
%RSD		80.590	40.870	28.020	37.240	22.880	1.349		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:42:16	69.875%	-0.037	76.190	77.840	0.000	33480.000	19710.000	21100.000
2	23:42:59	68.785%	-0.039	77.600	77.620	0.000	34120.000	19690.000	20700.000
3	23:43:42	67.857%	-0.059	76.550	78.280	0.000	33660.000	20000.000	21130.000
X		68.839%	-0.045	76.780	77.910	0.000	33750.000	19800.000	20980.000
σ		1.010%	0.012	0.733	0.334	0.000	334.500	173.100	242.200
%RSD		1.467	27.130	0.955	0.429	0.000	0.991	0.874	1.155
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:42:16	1.747	9849.000	0.000	13260.000	119500.000	133000.000	61.801%	3.108
2	23:42:59	1.888	9896.000	0.000	13130.000	118800.000	132300.000	61.078%	2.760
3	23:43:42	1.837	9660.000	0.000	12870.000	118300.000	131800.000	59.170%	2.757
X		1.824	9802.000	0.000	13080.000	118800.000	132300.000	60.683%	2.875
σ		0.072	124.900	0.000	197.800	584.500	584.100	1.359%	0.202
%RSD		3.925	1.274	0.000	1.512	0.492	0.441	2.240	7.014
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:42:16	4.050	0.821	5762.000	35060.000	35150.000	0.492	2.536	0.444
2	23:42:59	1.059	0.753	5701.000	34730.000	34810.000	0.455	2.373	0.541
3	23:43:42	-0.314	0.717	5778.000	35040.000	35320.000	0.473	2.509	0.494
X		1.598	0.764	5747.000	34940.000	35090.000	0.473	2.473	0.493
σ		2.231	0.053	40.850	187.000	257.500	0.019	0.087	0.049
%RSD		139.600	6.876	0.711	0.535	0.734	3.926	3.524	9.883
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:42:16	0.676	1.795	1.979	4.962	-0.204	1.840	0.000	579.200
2	23:42:59	0.600	1.553	1.376	5.744	-0.150	2.330	0.000	578.400
3	23:43:42	0.595	1.676	1.532	5.362	-0.155	1.300	0.000	513.200
X		0.623	1.675	1.629	5.356	-0.170	1.824	0.000	556.900
σ		0.045	0.121	0.313	0.391	0.030	0.515	0.000	37.850
%RSD		7.283	7.250	19.230	7.300	17.630	28.250	0.000	6.796
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:42:16	66.376%	0.434	0.357	68.038%	-0.024	-0.019	-0.145	-0.083
2	23:42:59	66.531%	0.486	0.402	67.970%	-0.023	-0.018	-0.144	-0.092
3	23:43:42	66.473%	0.458	0.391	67.977%	-0.025	-0.015	-0.106	-0.060
X		66.460%	0.459	0.383	67.995%	-0.024	-0.017	-0.132	-0.078
σ		0.078%	0.026	0.024	0.038%	0.001	0.002	0.022	0.016
%RSD		0.118	5.728	6.136	0.055	4.388	11.030	16.840	20.540
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:42:16	65.550%	0.364	0.013	0.053	104.800	103.300	72.605%	73.845%
2	23:42:59	66.806%	0.486	0.041	0.058	105.000	104.000	74.694%	75.758%
3	23:43:42	66.848%	0.396	0.025	0.053	104.500	104.300	75.112%	76.189%
X		66.401%	0.415	0.027	0.055	104.800	103.900	74.137%	75.264%
σ		0.738%	0.063	0.014	0.003	0.278	0.481	1.343%	1.248%
%RSD		1.111	15.150	51.990	5.275	0.265	0.464	1.811	1.658
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	23:42:16	-0.003	-0.001	0.033	0.038	0.034	76.494%		
2	23:42:59	-0.008	-0.002	0.020	0.027	0.026	78.027%		
3	23:43:42	-0.007	-0.004	0.033	0.021	0.025	78.747%		
X		-0.006	-0.003	0.028	0.028	0.028	77.756%		
σ		0.003	0.002	0.008	0.009	0.005	1.151%		
%RSD		41.500	64.590	26.980	30.530	17.990	1.480		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:49:29	72.096%	103.400	100.500	98.480	0.000	52190.000	50660.000	50800.000
2	23:50:12	70.317%	103.800	97.650	100.500	0.000	51400.000	50360.000	50980.000
3	23:50:55	67.779%	101.300	98.500	97.770	0.000	49190.000	48430.000	49370.000
x		70.064%	102.807%	98.878%	98.912%	0.000	101.854%	99.633%	100.768%
σ		2.170%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		3.097	1.320	1.473	1.422	0.000	3.054	2.427	1.755
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:49:29	484.100	5671.000	0.000	54350.000	50700.000	55340.000	74.390%	105.800
2	23:50:12	483.900	5638.000	0.000	53560.000	50780.000	55470.000	72.756%	107.300
3	23:50:55	468.600	5446.000	0.000	50690.000	48460.000	52490.000	74.008%	102.600
x		95.775%	111.699%	0.000	105.733%	99.963%	108.865%	73.718%	105.257%
σ		n/a	n/a	0.000	n/a	n/a	n/a	0.855%	n/a
%RSD		1.861	2.172	0.000	3.648	2.637	3.096	1.159	2.285
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:49:29	101.500	102.100	553.000	27440.000	27430.000	100.100	99.540	100.400
2	23:50:12	103.500	103.900	562.200	27560.000	27410.000	100.900	100.000	100.800
3	23:50:55	95.810	96.330	529.700	26480.000	26040.000	94.780	95.050	96.950
x		100.268%	100.787%	109.662%	108.643%	107.840%	98.588%	98.214%	99.382%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		3.983	3.929	3.062	2.186	2.956	3.368	2.800	2.123
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:49:29	100.900	102.300	101.400	100.700	102.100	103.700	0.000	96.360
2	23:50:12	101.200	102.000	101.400	101.200	101.600	103.900	0.000	97.040
3	23:50:55	97.640	97.740	96.280	96.840	97.130	100.500	0.000	92.460
x		99.912%	100.662%	99.700%	99.573%	100.291%	102.727%	0.000	95.287%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		1.972	2.516	2.973	2.394	2.743	1.859	0.000	2.595
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:49:29	75.208%	95.220	94.930	73.113%	94.320	96.310	97.420	98.940
2	23:50:12	76.188%	98.140	98.070	73.724%	94.680	96.750	97.370	98.790
3	23:50:55	77.618%	96.380	95.540	75.072%	92.050	92.820	94.900	95.880
x		76.338%	96.581%	96.177%	73.969%	93.680%	95.294%	96.566%	97.870%
σ		1.212%	n/a	n/a	1.003%	n/a	n/a	n/a	n/a
%RSD		1.587	1.523	1.730	1.355	1.524	2.257	1.491	1.764
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:49:29	70.232%	97.380	98.180	97.450	96.050	96.280	74.622%	75.302%
2	23:50:12	71.977%	97.790	97.730	97.370	96.380	95.960	76.659%	77.418%
3	23:50:55	73.713%	95.560	94.720	93.900	93.320	91.750	79.828%	80.067%
x		71.974%	96.908%	96.878%	96.242%	95.250%	94.662%	77.037%	77.595%
σ		1.741%	n/a	n/a	n/a	n/a	n/a	2.623%	2.387%
%RSD		2.419	1.223	1.944	2.105	1.761	2.673	3.405	3.077
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	23:49:29	91.980	91.160	91.070	91.250	91.140	72.518%		
2	23:50:12	93.000	92.940	92.350	93.370	92.720	73.959%		
3	23:50:55	90.460	90.850	90.860	91.540	90.870	75.368%		
x		91.813%	91.652%	91.428%	92.055%	91.573%	73.948%		
σ		n/a	n/a	n/a	n/a	n/a	1.425%		
%RSD		1.393	1.227	0.883	1.248	1.090	1.927		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:56:43	97.319%	-0.032	1.627	1.496	0.000	4.737	6.286	6.686
2	23:57:26	96.758%	-0.042	1.619	1.517	0.000	5.240	6.764	7.232
3	23:58:09	92.236%	-0.031	1.472	1.484	0.000	4.958	6.734	7.088
X		95.438%	-0.035	1.573	1.499	0.000	4.979	6.594	7.002
σ		2.787%	0.006	0.087	0.016	0.000	0.252	0.268	0.283
%RSD		2.920	18.130	5.550	1.098	0.000	5.067	4.062	4.046
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:56:43	1.475	-0.439	0.000	-3.880	5.870	4.296	109.235%	0.008
2	23:57:26	1.532	-0.430	0.000	-4.872	4.679	3.296	108.636%	-0.053
3	23:58:09	1.434	-0.015	0.000	-4.358	0.646	1.217	108.589%	-0.059
X		1.480	-0.295	0.000	-4.370	3.732	2.936	108.820%	-0.034
σ		0.049	0.243	0.000	0.496	2.738	1.571	0.360%	0.037
%RSD		3.322	82.330	0.000	11.350	73.360	53.490	0.331	108.100
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:56:43	0.013	0.009	0.318	6.600	15.270	0.001	-0.019	-0.006
2	23:57:26	0.039	0.012	0.332	5.530	12.490	0.001	-0.006	-0.002
3	23:58:09	0.058	-0.003	0.319	1.450	10.830	0.000	-0.019	-0.013
X		0.036	0.006	0.323	4.527	12.860	0.001	-0.015	-0.007
σ		0.023	0.008	0.008	2.717	2.245	0.001	0.007	0.005
%RSD		62.030	139.100	2.458	60.030	17.450	94.850	49.190	76.310
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:56:43	-0.002	-0.182	-0.415	-0.017	-0.239	0.366	0.000	0.034
2	23:57:26	0.009	-0.217	-0.083	-0.105	-0.396	0.204	0.000	0.026
3	23:58:09	-0.005	-0.252	-0.358	-0.138	-0.427	-0.208	0.000	0.034
X		0.001	-0.217	-0.285	-0.087	-0.354	0.121	0.000	0.031
σ		0.008	0.035	0.177	0.063	0.101	0.296	0.000	0.005
%RSD		996.400	16.240	62.160	72.340	28.430	245.500	0.000	15.170
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:56:43	88.337%	0.325	0.294	94.945%	-0.002	0.003	-0.048	-0.013
2	23:57:26	89.802%	0.311	0.295	96.251%	-0.001	-0.000	-0.027	0.005
3	23:58:09	91.018%	0.267	0.250	96.001%	0.000	0.003	-0.063	-0.029
X		89.719%	0.301	0.280	95.732%	-0.001	0.002	-0.046	-0.012
σ		1.343%	0.030	0.026	0.693%	0.001	0.002	0.018	0.017
%RSD		1.497	10.010	9.193	0.724	119.900	101.100	38.990	134.900
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:56:43	84.106%	-0.281	-0.048	-0.031	0.047	0.068	83.256%	83.619%
2	23:57:26	86.500%	-0.288	-0.037	-0.051	0.045	0.064	85.551%	86.146%
3	23:58:09	87.268%	-0.316	-0.050	-0.051	0.064	0.071	86.890%	87.410%
X		85.958%	-0.295	-0.045	-0.044	0.052	0.068	85.232%	85.725%
σ		1.649%	0.018	0.007	0.012	0.010	0.004	1.838%	1.930%
%RSD		1.919	6.249	15.190	26.550	19.320	5.764	2.157	2.252
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	23:56:43	0.008	0.012	0.045	0.050	0.046	95.460%		
2	23:57:26	0.010	0.006	0.061	0.040	0.044	97.066%		
3	23:58:09	0.006	0.006	0.039	0.039	0.037	98.771%		
X		0.008	0.008	0.049	0.043	0.043	97.099%		
σ		0.002	0.003	0.011	0.006	0.005	1.656%		
%RSD		23.550	40.910	22.860	14.570	10.910	1.705		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:01:05	70.802%	-0.033	93.160	93.000	0.000	69040.000	21270.000	22070.000
2	00:01:48	68.887%	-0.049	92.480	93.420	0.000	68850.000	21230.000	22640.000
3	00:02:31	66.953%	-0.045	96.650	97.330	0.000	69710.000	21600.000	23140.000
X		68.880%	-0.042	94.100	94.580	0.000	69200.000	21370.000	22610.000
σ		1.924%	0.009	2.236	2.391	0.000	450.900	205.100	537.100
%RSD		2.794	20.340	2.377	2.528	0.000	0.652	0.960	2.375
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:01:05	1.551	4588.000	0.000	3340.000	98040.000	110400.000	63.665%	0.805
2	00:01:48	1.701	4688.000	0.000	3294.000	98370.000	110200.000	61.735%	0.853
3	00:02:31	1.607	4768.000	0.000	3324.000	98650.000	111400.000	60.131%	0.787
X		1.619	4681.000	0.000	3319.000	98350.000	110700.000	61.844%	0.815
σ		0.076	89.980	0.000	23.000	305.500	634.500	1.770%	0.034
%RSD		4.668	1.922	0.000	0.693	0.311	0.573	2.861	4.174
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:01:05	3.180	1.130	25.520	142.700	640.400	1.081	1.671	1.285
2	00:01:48	2.759	1.101	25.730	134.400	606.900	1.083	1.549	1.212
3	00:02:31	1.266	1.163	26.830	135.500	584.000	1.085	1.603	1.266
X		2.402	1.131	26.030	137.500	610.400	1.083	1.608	1.255
σ		1.006	0.031	0.705	4.505	28.350	0.002	0.061	0.038
%RSD		41.890	2.755	2.710	3.276	4.644	0.175	3.780	3.032
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:01:05	1.123	2.411	1.890	0.450	3.618	5.149	0.000	464.400
2	00:01:48	1.090	2.564	1.994	0.948	3.903	6.080	0.000	467.300
3	00:02:31	1.225	2.204	2.170	0.501	3.599	5.833	0.000	472.800
X		1.146	2.393	2.018	0.633	3.707	5.687	0.000	468.200
σ		0.070	0.181	0.142	0.274	0.170	0.482	0.000	4.272
%RSD		6.116	7.563	7.022	43.220	4.583	8.478	0.000	0.912
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:01:05	67.412%	0.394	0.362	69.275%	-0.015	-0.014	-0.009	0.032
2	00:01:48	67.884%	0.372	0.349	69.463%	-0.019	-0.019	0.106	0.133
3	00:02:31	67.274%	0.353	0.314	68.716%	-0.014	-0.013	0.025	0.046
X		67.523%	0.373	0.342	69.152%	-0.016	-0.015	0.041	0.071
σ		0.320%	0.020	0.025	0.389%	0.003	0.003	0.060	0.055
%RSD		0.473	5.417	7.361	0.562	16.070	21.440	146.500	77.200
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:01:05	65.755%	1.042	0.032	0.084	128.800	128.200	72.164%	72.383%
2	00:01:48	67.004%	0.782	0.036	0.088	130.300	130.300	73.715%	74.898%
3	00:02:31	66.530%	0.721	0.046	0.064	130.300	128.900	74.423%	75.047%
X		66.430%	0.849	0.038	0.079	129.800	129.100	73.434%	74.109%
σ		0.631%	0.171	0.007	0.013	0.852	1.073	1.155%	1.497%
%RSD		0.950	20.130	18.290	16.090	0.656	0.831	1.573	2.020
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	00:01:05	-0.008	-0.001	0.055	0.050	0.061	76.324%		
2	00:01:48	-0.005	-0.005	0.044	0.053	0.054	78.099%		
3	00:02:31	-0.002	-0.004	0.051	0.057	0.052	78.392%		
X		-0.005	-0.003	0.050	0.053	0.056	77.605%		
σ		0.003	0.002	0.005	0.003	0.005	1.119%		
%RSD		53.040	56.750	10.880	5.866	8.196	1.442		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:05:26	72.710%	-0.024	66.000	64.190	0.000	22870.000	5019.000	6592.000
2	00:06:09	74.377%	-0.035	61.250	61.890	0.000	22070.000	4951.000	6398.000
3	00:06:52	71.662%	-0.004	61.380	61.280	0.000	22480.000	5334.000	6680.000
X		72.917%	-0.021	62.880	62.450	0.000	22470.000	5101.000	6557.000
σ		1.369%	0.016	2.704	1.534	0.000	397.300	204.700	144.400
%RSD		1.878	75.740	4.301	2.456	0.000	1.768	4.012	2.202
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:05:26	16.410	4594.000	0.000	9976.000	37060.000	41460.000	66.455%	3.235
2	00:06:09	15.970	4461.000	0.000	9581.000	36690.000	40540.000	64.304%	3.480
3	00:06:52	16.410	4525.000	0.000	9848.000	36720.000	41010.000	63.267%	3.107
X		16.260	4527.000	0.000	9802.000	36820.000	41000.000	64.675%	3.274
σ		0.251	66.670	0.000	201.600	205.300	457.900	1.626%	0.190
%RSD		1.545	1.473	0.000	2.057	0.558	1.117	2.514	5.795
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:05:26	8.875	1.422	239.300	16100.000	14170.000	1.729	5.362	1.713
2	00:06:09	10.570	1.340	238.600	15680.000	13970.000	1.648	5.428	1.634
3	00:06:52	9.112	1.287	244.700	16140.000	14090.000	1.682	5.484	1.748
X		9.519	1.350	240.800	15970.000	14080.000	1.686	5.425	1.699
σ		0.918	0.068	3.338	254.900	98.580	0.041	0.061	0.058
%RSD		9.645	5.048	1.386	1.596	0.700	2.402	1.128	3.426
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:05:26	1.604	1.811	1.508	5.564	1.158	3.159	0.000	226.400
2	00:06:09	1.504	1.841	1.458	5.591	1.299	2.609	0.000	222.900
3	00:06:52	1.661	2.006	2.016	6.096	1.328	2.851	0.000	225.700
X		1.590	1.886	1.660	5.751	1.262	2.873	0.000	225.000
σ		0.080	0.105	0.309	0.300	0.091	0.276	0.000	1.845
%RSD		5.020	5.586	18.600	5.213	7.214	9.600	0.000	0.820
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:05:26	69.349%	1.777	1.820	71.968%	-0.018	-0.016	-0.099	-0.070
2	00:06:09	71.059%	1.741	1.893	72.915%	-0.019	-0.010	-0.083	-0.047
3	00:06:52	70.214%	1.832	1.911	72.085%	-0.016	-0.014	-0.144	-0.093
X		70.207%	1.783	1.875	72.323%	-0.018	-0.013	-0.109	-0.070
σ		0.855%	0.046	0.048	0.516%	0.001	0.003	0.032	0.023
%RSD		1.218	2.554	2.557	0.713	8.037	23.370	29.270	32.990
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:05:26	68.427%	0.730	0.175	0.177	38.520	38.300	73.956%	75.055%
2	00:06:09	70.227%	0.634	0.154	0.160	36.950	37.320	76.619%	77.436%
3	00:06:52	69.693%	0.639	0.155	0.145	37.800	37.770	77.062%	77.981%
X		69.449%	0.668	0.162	0.161	37.760	37.800	75.879%	76.824%
σ		0.925%	0.054	0.012	0.016	0.789	0.486	1.680%	1.556%
%RSD		1.331	8.074	7.407	10.050	2.089	1.285	2.214	2.025
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	00:05:26	-0.006	-0.004	0.173	0.164	0.157	79.088%		
2	00:06:09	-0.007	-0.005	0.164	0.167	0.166	83.034%		
3	00:06:52	-0.008	-0.002	0.134	0.166	0.154	82.657%		
X		-0.007	-0.003	0.157	0.166	0.159	81.593%		
σ		0.001	0.001	0.020	0.001	0.006	2.178%		
%RSD		14.370	38.570	12.840	0.719	4.024	2.669		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:09:47	73.036%	-0.017	104.800	105.000	0.000	55910.000	27000.000	28290.000
2	00:10:31	70.762%	-0.028	103.800	105.400	0.000	55170.000	26840.000	28370.000
3	00:11:14	69.484%	-0.004	104.500	107.100	0.000	54350.000	26700.000	28070.000
X		71.094%	-0.016	104.400	105.800	0.000	55140.000	26850.000	28240.000
σ		1.799%	0.012	0.481	1.081	0.000	781.400	150.400	155.600
%RSD		2.531	74.230	0.461	1.022	0.000	1.417	0.560	0.551
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:09:47	21.200	9636.000	0.000	8496.000	68690.000	75810.000	63.382%	3.916
2	00:10:31	21.940	9707.000	0.000	8375.000	68020.000	74090.000	62.535%	4.166
3	00:11:14	21.140	9550.000	0.000	8249.000	66900.000	74370.000	61.345%	3.921
X		21.430	9631.000	0.000	8373.000	67870.000	74750.000	62.420%	4.001
σ		0.443	78.730	0.000	123.600	903.800	925.500	1.023%	0.143
%RSD		2.068	0.817	0.000	1.476	1.332	1.238	1.639	3.581
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:09:47	2.090	1.125	3094.000	42970.000	42790.000	0.309	0.824	1.354
2	00:10:31	2.533	1.070	3101.000	42730.000	42950.000	0.300	0.708	1.360
3	00:11:14	1.710	0.987	3075.000	42920.000	43150.000	0.306	0.754	1.288
X		2.111	1.061	3090.000	42870.000	42970.000	0.305	0.762	1.334
σ		0.412	0.069	13.070	128.400	183.100	0.005	0.058	0.040
%RSD		19.520	6.518	0.423	0.299	0.426	1.557	7.672	2.996
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:09:47	1.094	2.205	1.993	4.436	0.278	2.439	0.000	408.300
2	00:10:31	1.194	2.332	2.176	4.498	0.237	2.367	0.000	412.600
3	00:11:14	1.109	2.287	2.125	3.630	0.098	1.553	0.000	416.600
X		1.132	2.275	2.098	4.188	0.204	2.119	0.000	412.500
σ		0.054	0.064	0.094	0.484	0.094	0.492	0.000	4.154
%RSD		4.757	2.828	4.490	11.570	46.060	23.220	0.000	1.007
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:09:47	68.821%	0.313	0.280	70.531%	-0.016	-0.012	-0.097	-0.042
2	00:10:31	68.567%	0.277	0.274	70.168%	-0.022	-0.013	-0.110	-0.073
3	00:11:14	68.003%	0.309	0.256	69.783%	-0.024	-0.019	-0.112	-0.086
X		68.464%	0.299	0.270	70.160%	-0.021	-0.015	-0.107	-0.067
σ		0.419%	0.020	0.012	0.374%	0.004	0.004	0.008	0.023
%RSD		0.612	6.601	4.507	0.533	18.940	25.760	7.637	33.850
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:09:47	67.550%	0.417	0.018	0.077	76.480	75.360	73.235%	74.739%
2	00:10:31	68.316%	0.406	0.008	0.053	75.660	76.940	75.317%	76.351%
3	00:11:14	68.480%	0.455	0.054	0.054	77.410	76.200	75.695%	76.679%
X		68.115%	0.426	0.027	0.062	76.520	76.170	74.749%	75.923%
σ		0.496%	0.026	0.024	0.013	0.874	0.794	1.325%	1.038%
%RSD		0.728	6.019	89.610	21.670	1.142	1.042	1.773	1.368
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	00:09:47	-0.009	-0.010	0.482	0.496	0.497	77.307%		
2	00:10:31	-0.013	-0.006	0.483	0.520	0.506	79.668%		
3	00:11:14	-0.015	-0.008	0.549	0.446	0.502	79.809%		
X		-0.012	-0.008	0.505	0.487	0.502	78.928%		
σ		0.003	0.002	0.038	0.038	0.005	1.406%		
%RSD		25.700	24.970	7.605	7.781	0.901	1.781		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:17:01	74.817%	99.650	95.010	95.240	0.000	47920.000	46750.000	46700.000
2	00:17:44	71.574%	102.900	98.950	98.340	0.000	51880.000	50500.000	50850.000
3	00:18:27	68.993%	106.300	103.000	104.800	0.000	53890.000	52860.000	53420.000
x		71.795%	102.938%	99.000%	99.446%	0.000	102.463%	100.072%	100.646%
σ		2.918%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		4.065	3.210	4.053	4.881	0.000	5.931	6.149	6.731
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:17:01	438.000	5186.000	0.000	48000.000	43970.000	47790.000	89.104%	93.070
2	00:17:44	483.900	5598.000	0.000	53940.000	50760.000	55250.000	74.493%	107.600
3	00:18:27	510.700	5929.000	0.000	56400.000	52990.000	57700.000	72.203%	111.600
x		95.509%	111.417%	0.000	105.563%	98.482%	107.163%	78.600%	104.064%
σ		n/a	n/a	0.000	n/a	n/a	n/a	9.168%	n/a
%RSD		7.701	6.683	0.000	8.187	9.538	9.636	11.665	9.351
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:17:01	88.840	89.130	496.600	24880.000	24870.000	91.150	92.310	92.940
2	00:17:44	102.100	102.600	559.000	27750.000	28010.000	102.500	102.800	103.500
3	00:18:27	106.200	106.600	578.300	28470.000	28470.000	104.300	105.200	105.400
x		99.034%	99.459%	108.927%	108.130%	108.462%	99.325%	100.124%	100.630%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		9.153	9.213	7.844	7.016	7.217	7.181	6.863	6.684
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:17:01	92.520	93.550	95.150	97.150	99.110	100.200	0.000	97.630
2	00:17:44	101.000	102.500	101.500	104.100	103.900	106.000	0.000	99.140
3	00:18:27	105.900	105.800	104.800	105.700	105.600	107.400	0.000	99.660
x		99.822%	100.604%	100.473%	102.321%	102.870%	104.542%	0.000	98.811%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		6.793	6.295	4.867	4.444	3.278	3.645	0.000	1.068
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:17:01	74.350%	96.200	95.510	73.841%	93.380	95.500	97.310	98.210
2	00:17:44	75.626%	98.540	97.870	74.882%	94.840	96.000	97.470	99.180
3	00:18:27	76.364%	101.600	100.100	74.753%	96.400	97.810	98.240	99.820
x		75.447%	98.795%	97.817%	74.492%	94.873%	96.433%	97.675%	99.070%
σ		1.019%	n/a	n/a	0.568%	n/a	n/a	n/a	n/a
%RSD		1.351	2.769	2.328	0.762	1.593	1.260	0.510	0.815
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:17:01	71.115%	97.470	96.740	97.110	96.970	96.250	74.840%	75.204%
2	00:17:44	72.817%	98.500	97.080	97.060	96.130	95.800	77.509%	77.938%
3	00:18:27	72.952%	100.000	99.670	98.270	98.200	98.500	78.136%	78.516%
x		72.294%	98.666%	97.830%	97.479%	97.097%	96.851%	76.828%	77.219%
σ		1.024%	n/a	n/a	n/a	n/a	n/a	1.750%	1.769%
%RSD		1.416	1.300	1.640	0.699	1.071	1.493	2.278	2.291
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	00:17:01	91.450	91.390	91.700	91.640	91.530	72.157%		
2	00:17:44	92.760	92.770	92.310	92.700	92.730	74.066%		
3	00:18:27	93.260	93.330	94.260	94.170	93.910	74.790%		
x		92.488%	92.496%	92.757%	92.835%	92.722%	73.671%		
σ		n/a	n/a	n/a	n/a	n/a	1.360%		
%RSD		1.012	1.082	1.445	1.368	1.283	1.846		

CCB11 12/22/2012 12:23:32 AM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:24:14	98.005%	-0.035	1.369	1.346	0.000	6.379	8.497	8.462
2	00:24:58	97.376%	-0.026	1.164	1.223	0.000	6.183	7.499	8.196
3	00:25:40	96.751%	-0.045	1.198	1.153	0.000	6.607	7.897	8.602
X		97.377%	-0.036	1.243	1.240	0.000	6.390	7.965	8.420
σ		0.627%	0.010	0.110	0.098	0.000	0.212	0.502	0.206
%RSD		0.644	26.980	8.814	7.879	0.000	3.319	6.308	2.451
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:24:14	1.618	-0.012	0.000	-0.865	9.221	5.675	108.677%	-0.012
2	00:24:58	1.544	0.225	0.000	-0.900	4.094	7.228	109.061%	-0.002
3	00:25:40	1.743	0.567	0.000	-0.502	9.027	7.210	106.478%	0.013
X		1.635	0.260	0.000	-0.756	7.447	6.704	108.072%	-0.000
σ		0.100	0.291	0.000	0.220	2.906	0.891	1.394%	0.012
%RSD		6.138	112.200	0.000	29.160	39.020	13.300	1.290	4261.000
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:24:14	0.018	0.003	0.374	10.330	18.210	0.005	0.008	-0.007
2	00:24:58	0.073	0.012	0.376	6.706	14.430	0.004	-0.007	-0.007
3	00:25:40	0.004	0.004	0.368	7.523	14.440	0.004	-0.035	0.003
X		0.032	0.006	0.373	8.188	15.690	0.004	-0.011	-0.004
σ		0.036	0.005	0.004	1.903	2.180	0.000	0.021	0.005
%RSD		114.000	80.210	1.087	23.240	13.890	11.930	186.500	148.700
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:24:14	0.023	-0.138	-0.294	-0.054	-0.069	0.214	0.000	0.038
2	00:24:58	-0.010	-0.143	-0.307	-0.176	-0.108	-0.170	0.000	0.035
3	00:25:40	0.024	-0.306	-0.349	0.025	-0.146	0.501	0.000	0.042
X		0.012	-0.196	-0.317	-0.068	-0.108	0.182	0.000	0.038
σ		0.020	0.095	0.028	0.101	0.039	0.337	0.000	0.003
%RSD		160.700	48.750	8.954	148.200	36.000	185.500	0.000	8.507
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:24:14	90.208%	0.307	0.372	95.244%	-0.001	0.003	-0.054	-0.019
2	00:24:58	92.154%	0.313	0.324	96.851%	0.002	0.005	-0.054	-0.020
3	00:25:40	91.560%	0.303	0.234	95.522%	0.009	0.011	-0.064	-0.010
X		91.308%	0.308	0.310	95.872%	0.003	0.006	-0.057	-0.016
σ		0.997%	0.005	0.070	0.859%	0.005	0.004	0.006	0.006
%RSD		1.092	1.629	22.610	0.896	146.900	67.240	10.600	34.550
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:24:14	87.656%	-0.277	-0.041	-0.021	0.030	0.062	84.079%	84.472%
2	00:24:58	89.400%	-0.238	-0.031	-0.043	0.096	0.053	87.026%	86.791%
3	00:25:40	89.246%	-0.351	-0.031	-0.040	0.032	0.079	87.055%	87.078%
X		88.767%	-0.288	-0.034	-0.035	0.053	0.064	86.053%	86.114%
σ		0.966%	0.058	0.006	0.012	0.038	0.013	1.710%	1.429%
%RSD		1.088	19.950	17.470	34.250	71.430	20.550	1.987	1.659
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	00:24:14	0.002	0.005	0.067	0.056	0.058	96.744%		
2	00:24:58	-0.003	0.007	0.056	0.049	0.046	98.826%		
3	00:25:40	0.012	0.005	0.035	0.037	0.035	99.075%		
X		0.004	0.006	0.053	0.047	0.047	98.215%		
σ		0.008	0.001	0.016	0.010	0.012	1.280%		
%RSD		202.200	18.530	30.060	20.720	24.650	1.304		

Performance Report

Sample details

Sample name : ITUNE

Acquired at : 12/21/2012 1:40:58 PM

Report name : EPA ILMO5.2/6020A 2.1 [8/5/2011 12:59:56 PM]

Mass Calibration verification

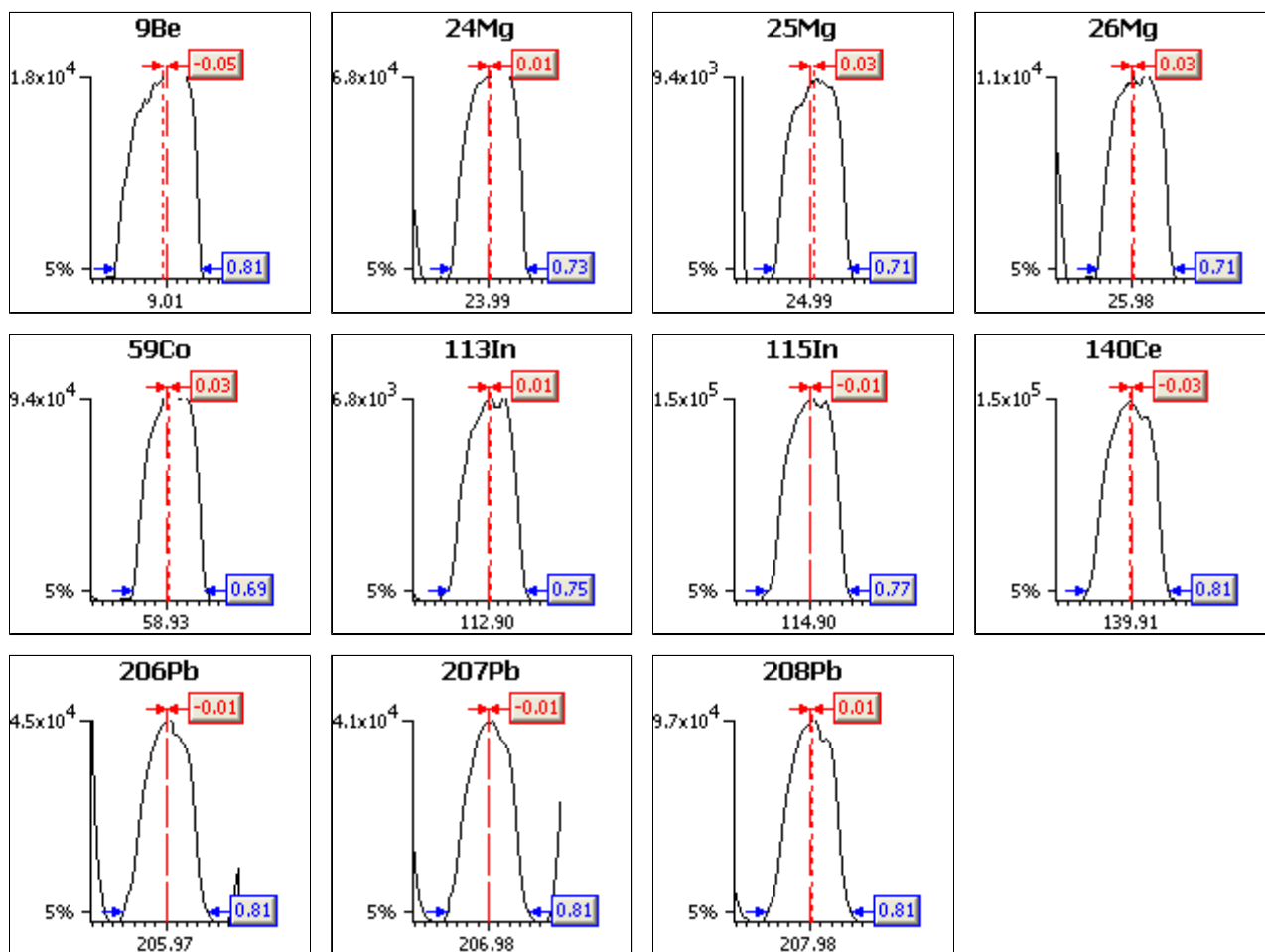
Acquisition parameters

Sweeps : 25

Dwell : 2.0 mSecs

Point spacing : 0.02 amu

Peak width measured at 5% of the peak maximum



Analyte	Limits			Results	
	Max. width	Min. width	Max. error	Peak width	Peak error
9Be	0.90	0.45	0.10	0.81	-0.05
24Mg	0.90	0.45	0.10	0.73	0.01
25Mg	0.90	0.45	0.10	0.71	0.03
26Mg	0.90	0.45	0.10	0.71	0.03
59Co	0.90	0.45	0.10	0.69	0.03
113In	0.90	0.45	0.10	0.75	0.01
115In	0.90	0.45	0.10	0.77	-0.01
140Ce	0.90	0.45	0.10	0.81	-0.03
206Pb	0.90	0.45	0.10	0.81	-0.01
207Pb	0.90	0.45	0.10	0.81	-0.01
208Pb	0.90	0.45	0.10	0.81	0.01

Sample details

Sample name : ITUNE

Acquired at : 12/21/2012 1:40:58 PM

Report name : EPA ILM05.2/6020A 2.1 [8/5/2011 12:59:56 PM]

Tune conditions

Major		Minor		Global		Add. Gases	
Extraction	-114	Lens 2	-36.1	Standard resolution	n/a	He/H2	0.00
Lens 1	2.0	Lens 3	-176.5	High resolution	n/a	He/NH3	0.00
Focus	26.7	Forward power	1349	Analogue Detector	n/a		
D1	-37.6	Horizontal	72	PC Detector	n/a		
Pole Bias	3.0	Vertical	408				
Hexapole Bias	-3.0	D2	-160				
Nebuliser	0.80	DA	-80.0				
Sampling Depth	150	Cool	13.0				
		Auxiliary	0.90				

Sensitivity and stability results**Acquisition parameters**

Sweeps : 150

Run	Time	5Bkg	9Be	24Mg	25Mg	26Mg	56Ar O	59Co	137Ba++
Dwell (mSecs)		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Limits	%RSD	-	5.0%	5.0%	5.0%	5.0%	-	5.0%	-
	Countrate	-	>500	>500	>500	>500	-	>10000	-
1	1:41:46 PM	0	18273	71294	9034	10342	403301	94145	23
2	1:43:11 PM	0	17716	66809	8392	9784	388788	92278	21
3	1:44:36 PM	0	18160	69764	8726	10068	391773	93936	19
4	1:46:01 PM	0	17745	69137	8750	10385	393223	91907	16
5	1:47:26 PM	0	17925	72185	8917	10704	396840	93220	23
x		0	17964	69838	8764	10256	394785	93097	21
σ		0.06	247.34	2079.60	242.99	347.69	5572.74	987.86	3.18
%RSD		69.722	1.377	2.978	2.773	3.390	1.412	1.061	15.469

Run	Time	138Ba++	101Bkg	113In	115In	138Ba	140Ce	156Ce O	206Pb
Dwell (mSecs)		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Limits	%RSD	-	-	5.0%	5.0%	-	5.0%	-	5.0%
	Countrate	-	-	>200	>5000	-	>10000	-	>500
1	1:41:46 PM	148	0	6931	150768	3751	154436	2422	46840
2	1:43:11 PM	144	0	6895	152511	3636	155538	2385	47427
3	1:44:36 PM	144	0	7124	155042	3802	157492	2431	48089
4	1:46:01 PM	141	0	6996	152808	3788	156460	2395	47855
5	1:47:26 PM	155	0	6989	153520	3796	158230	2394	48113
x		146	0	6987	152930	3755	156431	2405	47665
σ		5.51	0.03	86.89	1555.50	68.93	1511.69	19.77	537.16
%RSD		3.770	37.268	1.244	1.017	1.836	0.966	0.822	1.127

Run	Time	207Pb	208Pb	220Bkg
Dwell (mSecs)		0.0	0.0	0.0
Limits	%RSD	5.0%	5.0%	-
	Countrate	>500	>500	<2500
1	1:41:46 PM	42095	100521	0
2	1:43:11 PM	42509	101366	0
3	1:44:36 PM	43466	103866	0
4	1:46:01 PM	42929	102930	0
5	1:47:26 PM	43798	103675	0
x		42959	102472	0
σ		691.10	1468.97	0.03
%RSD		1.609	1.434	223.607

Ratio results

Run	Time	156Ce O/140Ce
Ratio limits		<0.0500
1	1:41:46 PM	0
2	1:43:11 PM	0

3	1:44:36 PM	0
4	1:46:01 PM	0
5	1:47:26 PM	0
\bar{x}		0.0154
σ		0.00
%RSD		1.3123

Result : The performance report passed.

Dilution Corrected Concentrations

STD1 686024 INT STD 12/22/2012 5:56:47 PM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:57:30	101.616%	0.013	-0.013	0.003	0.000	-0.146	0.028	-0.022
2	17:58:13	99.549%	0.006	0.042	0.021	0.000	0.093	-0.093	0.003
3	17:58:56	98.835%	-0.019	-0.029	-0.024	0.000	0.053	0.065	0.020
X		100.000%	0.000	0.000	0.000	0.000	0.000	-0.000	-0.000
σ		1.444%	0.017	0.037	0.023	0.000	0.128	0.083	0.021
%RSD		1.444	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:57:30	0.005	-0.203	0.000	-0.292	0.949	0.850	100.449%	-0.010
2	17:58:13	0.045	-0.032	0.000	-0.002	0.525	-0.140	100.658%	0.025
3	17:58:56	-0.050	0.235	0.000	0.294	-1.475	-0.710	98.894%	-0.016
X		-0.000	-0.000	0.000	0.000	0.000	0.000	100.000%	-0.000
σ		0.048	0.221	0.000	0.293	1.294	0.789	0.964%	0.022
%RSD		0.000	0.000	0.000	0.000	0.000	0.000	0.964	0.000
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:57:30	0.027	0.016	0.002	-0.665	-0.033	0.004	-0.011	-0.005
2	17:58:13	-0.023	-0.005	-0.002	0.097	-0.091	-0.005	0.011	0.004
3	17:58:56	-0.004	-0.011	0.000	0.568	0.125	0.001	0.000	0.002
X		0.000	0.000	0.000	-0.000	-0.000	0.000	-0.000	-0.000
σ		0.025	0.014	0.002	0.622	0.112	0.004	0.011	0.005
%RSD		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:57:30	-0.004	-0.030	-0.062	-0.065	0.044	-0.216	0.000	0.001
2	17:58:13	0.009	0.068	0.127	0.054	-0.015	0.218	0.000	-0.001
3	17:58:56	-0.005	-0.038	-0.066	0.011	-0.029	-0.002	0.000	0.000
X		0.000	0.000	0.000	-0.000	-0.000	0.000	0.000	-0.000
σ		0.008	0.059	0.110	0.060	0.039	0.217	0.000	0.001
%RSD		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:57:30	99.340%	-0.009	0.002	99.350%	0.001	-0.001	-0.019	-0.005
2	17:58:13	100.246%	0.002	0.001	100.220%	-0.004	-0.002	0.040	0.028
3	17:58:56	100.413%	0.007	-0.003	100.430%	0.003	0.003	-0.021	-0.023
X		100.000%	0.000	-0.000	100.000%	-0.000	-0.000	0.000	0.000
σ		0.577%	0.008	0.003	0.573%	0.004	0.002	0.035	0.026
%RSD		0.577	0.000	0.000	0.573	0.000	0.000	0.000	0.000
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:57:30	98.898%	-0.024	0.001	0.013	0.011	-0.004	99.149%	98.629%
2	17:58:13	100.478%	-0.020	-0.004	0.001	-0.008	-0.001	100.552%	100.248%
3	17:58:56	100.625%	0.044	0.003	-0.014	-0.003	0.005	100.300%	101.124%
X		100.000%	-0.000	0.000	0.000	-0.000	-0.000	100.000%	100.000%
σ		0.957%	0.038	0.004	0.013	0.010	0.004	0.748%	1.266%
%RSD		0.957	0.000	0.000	0.000	0.000	0.000	0.748	1.266
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	17:57:30	0.004	-0.001	-0.000	-0.007	-0.001	99.221%		
2	17:58:13	-0.000	0.002	0.004	0.001	-0.000	100.669%		
3	17:58:56	-0.004	-0.001	-0.004	0.006	0.001	100.110%		
X		-0.000	0.000	0.000	-0.000	0.000	100.000%		
σ		0.004	0.002	0.004	0.007	0.001	0.731%		
%RSD		0.000	0.000	0.000	0.000	0.000	0.731		

STD2 646077 12/22/2012 6:02:25 PM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:03:07	85.911%	196.500	0.266	0.348	0.000	99130.000	99370.000	99650.000
2	18:03:50	85.734%	200.300	0.525	0.345	0.000	99260.000	99480.000	99680.000
3	18:04:33	85.176%	203.300	0.305	0.280	0.000	101600.000	101200.000	100700.000
X		85.607%	200.000	0.365	0.324	0.000	100000.000	100000.000	100000.000
σ		0.384%	3.418	0.140	0.038	0.000	1394.000	998.000	577.200
%RSD		0.448	1.709	38.260	11.820	0.000	1.394	0.998	0.577
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:03:07	997.400	6.439	0.000	98780.000	98300.000	99080.000	94.345%	0.227
2	18:03:50	998.900	6.450	0.000	99030.000	99340.000	99610.000	96.100%	0.298
3	18:04:33	1004.000	6.785	0.000	102200.000	102400.000	101300.000	95.787%	0.192
X		1000.000	6.558	0.000	100000.000	100000.000	100000.000	95.410%	0.239
σ		3.266	0.197	0.000	1905.000	2109.000	1171.000	0.936%	0.054
%RSD		0.327	2.999	0.000	1.905	2.109	1.171	0.981	22.560
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:03:07	198.900	198.200	992.900	49790.000	49500.000	197.600	198.400	198.500
2	18:03:50	200.500	199.700	1006.000	49940.000	49740.000	198.700	198.900	199.100
3	18:04:33	200.600	202.100	1002.000	50270.000	50750.000	203.700	202.700	202.400
X		200.000	200.000	1000.000	50000.000	50000.000	200.000	200.000	200.000
σ		0.991	1.971	6.468	246.100	663.600	3.288	2.370	2.115
%RSD		0.495	0.986	0.647	0.492	1.327	1.644	1.185	1.057
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:03:07	197.700	197.900	198.700	199.100	195.500	195.200	0.000	197.800
2	18:03:50	199.800	200.200	199.400	199.700	200.900	201.500	0.000	200.500
3	18:04:33	202.500	201.900	201.800	201.200	203.600	203.300	0.000	201.800
X		200.000	200.000	200.000	200.000	200.000	200.000	0.000	200.000
σ		2.383	1.973	1.621	1.097	4.144	4.255	0.000	2.020
%RSD		1.191	0.986	0.811	0.548	2.072	2.128	0.000	1.010
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:03:07	89.692%	0.278	0.263	83.151%	197.500	197.800	198.900	199.800
2	18:03:50	91.527%	0.294	0.281	84.615%	200.300	200.100	200.100	199.600
3	18:04:33	92.056%	0.265	0.284	84.425%	202.300	202.100	201.000	200.600
X		91.092%	0.279	0.276	84.063%	200.000	200.000	200.000	200.000
σ		1.240%	0.014	0.011	0.796%	2.398	2.182	1.033	0.543
%RSD		1.362	5.191	4.031	0.947	1.199	1.091	0.516	0.272
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:03:07	87.188%	0.008	0.082	0.072	198.600	198.500	88.252%	88.612%
2	18:03:50	89.530%	0.016	0.068	0.080	199.400	200.400	90.709%	91.092%
3	18:04:33	90.120%	-0.027	0.083	0.102	202.000	201.200	90.074%	90.669%
X		88.946%	-0.001	0.078	0.085	200.000	200.000	89.678%	90.124%
σ		1.551%	0.023	0.009	0.015	1.807	1.369	1.275%	1.327%
%RSD		1.744	1767.000	10.950	18.120	0.904	0.684	1.422	1.472
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	18:03:07	196.000	195.400	196.000	195.600	195.700	81.263%		
2	18:03:50	201.100	201.000	201.000	200.700	200.700	81.552%		
3	18:04:33	202.800	203.600	203.000	203.700	203.600	80.907%		
X		200.000	200.000	200.000	200.000	200.000	81.241%		
σ		3.542	4.204	3.630	4.091	3.999	0.323%		
%RSD		1.771	2.102	1.815	2.046	2.000	0.397		

STD3 646078 12/22/2012 6:06:41 PM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:07:24	93.421%	0.222	198.800	198.200	0.000	50.350	45.410	46.040
2	18:08:07	91.025%	0.131	203.400	203.200	0.000	46.620	41.980	40.770
3	18:08:50	90.552%	0.125	197.800	198.600	0.000	46.810	39.800	40.240
X		91.666%	0.159	200.000	200.000	0.000	47.930	42.400	42.350
σ		1.538%	0.054	2.947	2.806	0.000	2.103	2.831	3.210
%RSD		1.678	34.160	1.474	1.403	0.000	4.388	6.677	7.579
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:07:24	7.952	10020.000	0.000	39.710	53.500	134.500	101.357%	197.000
2	18:08:07	6.667	10010.000	0.000	37.810	44.380	122.200	99.574%	201.500
3	18:08:50	6.392	9972.000	0.000	37.630	49.120	120.600	98.064%	201.400
X		7.004	10000.000	0.000	38.380	49.000	125.800	99.665%	200.000
σ		0.833	24.310	0.000	1.149	4.560	7.595	1.648%	2.591
%RSD		11.890	0.243	0.000	2.994	9.307	6.040	1.654	1.296
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:07:24	0.204	0.155	0.662	155.300	151.900	0.116	0.332	2.327
2	18:08:07	0.166	0.116	0.627	75.000	74.550	0.092	0.264	2.384
3	18:08:50	0.092	0.110	0.591	50.460	53.280	0.096	0.285	2.396
X		0.154	0.127	0.627	93.600	93.230	0.101	0.293	2.369
σ		0.057	0.025	0.035	54.860	51.880	0.013	0.035	0.037
%RSD		37.140	19.330	5.638	58.610	55.650	12.720	11.870	1.552
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:07:24	2.523	3.864	3.984	0.686	3.199	2.225	0.000	0.175
2	18:08:07	2.510	4.036	3.943	0.405	1.739	0.767	0.000	0.176
3	18:08:50	2.398	3.763	3.992	0.320	1.230	0.730	0.000	0.164
X		2.477	3.888	3.973	0.471	2.056	1.240	0.000	0.172
σ		0.069	0.138	0.026	0.192	1.022	0.853	0.000	0.006
%RSD		2.775	3.543	0.656	40.720	49.710	68.740	0.000	3.668
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:07:24	96.557%	195.400	196.100	95.306%	0.187	0.203	0.210	-0.148
2	18:08:07	96.839%	201.300	201.900	96.043%	0.171	0.188	0.204	-0.153
3	18:08:50	97.063%	203.200	202.000	95.307%	0.173	0.188	0.107	-0.360
X		96.820%	200.000	200.000	95.552%	0.177	0.193	0.174	-0.220
σ		0.254%	4.060	3.397	0.425%	0.009	0.009	0.058	0.121
%RSD		0.262	2.030	1.699	0.445	4.818	4.415	33.480	54.770
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:07:24	96.363%	198.600	198.200	198.600	0.173	0.354	96.898%	96.838%
2	18:08:07	97.749%	200.000	199.800	200.300	0.142	0.427	97.807%	98.283%
3	18:08:50	97.956%	201.500	202.000	201.100	0.115	0.380	98.947%	99.310%
X		97.356%	200.000	200.000	200.000	0.143	0.387	97.884%	98.143%
σ		0.866%	1.458	1.948	1.291	0.029	0.037	1.027%	1.242%
%RSD		0.889	0.729	0.974	0.645	20.420	9.662	1.049	1.266
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	18:07:24	0.076	0.079	0.222	0.235	0.225	95.635%		
2	18:08:07	0.076	0.068	0.141	0.149	0.149	97.289%		
3	18:08:50	0.054	0.075	0.141	0.138	0.138	99.384%		
X		0.069	0.074	0.168	0.174	0.171	97.436%		
σ		0.013	0.006	0.047	0.053	0.047	1.879%		
%RSD		18.430	7.448	27.990	30.540	27.770	1.929		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:11:42	91.728%	76.430	83.500	83.920	0.000	38290.000	38010.000	37960.000
2	18:12:25	89.122%	79.320	84.680	86.350	0.000	39990.000	39090.000	38980.000
3	18:13:08	91.942%	78.550	84.270	84.400	0.000	38980.000	38620.000	38590.000
X		90.930%	97.623%	105.186%	106.116%	0.000	97.716%	96.432%	96.277%
σ		1.570%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		1.726	1.918	0.715	1.516	0.000	2.191	1.399	1.329
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:11:42	378.600	4124.000	0.000	38850.000	38510.000	38360.000	99.600%	78.580
2	18:12:25	388.800	4290.000	0.000	40230.000	40320.000	40070.000	97.848%	82.520
3	18:13:08	383.000	4167.000	0.000	40260.000	40130.000	39500.000	98.909%	82.620
X		95.870%	104.846%	0.000	99.444%	99.132%	98.279%	98.786%	101.551%
σ		n/a	n/a	0.000	n/a	n/a	n/a	0.882%	n/a
%RSD		1.335	2.055	0.000	2.021	2.512	2.222	0.893	2.835
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:11:42	75.990	78.040	385.700	19240.000	19200.000	77.260	77.430	78.900
2	18:12:25	79.910	81.170	402.300	20240.000	20100.000	80.960	81.700	81.710
3	18:13:08	78.670	81.020	404.500	20060.000	20010.000	80.850	81.210	81.260
X		97.737%	100.095%	99.375%	99.243%	98.857%	99.613%	100.140%	100.784%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		2.561	2.200	2.589	2.686	2.496	2.646	2.920	1.871
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:11:42	79.330	84.080	83.780	79.410	81.270	79.410	0.000	72.950
2	18:12:25	81.610	87.660	88.860	82.410	85.310	84.740	0.000	76.800
3	18:13:08	80.870	85.650	87.520	80.930	83.280	84.180	0.000	75.610
X		100.751%	107.248%	108.397%	101.147%	104.112%	103.473%	0.000	93.900%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		1.444	2.092	3.037	1.859	2.426	3.535	0.000	2.626
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:11:42	97.510%	77.710	79.500	88.363%	78.580	78.530	80.480	79.680
2	18:12:25	98.138%	81.810	83.290	88.290%	82.740	82.660	83.100	83.260
3	18:13:08	100.076%	80.810	82.260	89.912%	81.500	81.290	81.980	82.250
X		98.575%	100.138%	102.104%	88.855%	101.175%	101.031%	102.317%	102.161%
σ		1.337%	n/a	n/a	0.916%	n/a	n/a	n/a	n/a
%RSD		1.357	2.664	2.400	1.031	2.634	2.604	1.604	2.261
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:11:42	91.427%	79.180	78.000	77.840	77.690	77.280	92.004%	92.217%
2	18:12:25	92.536%	83.170	81.470	80.730	81.100	80.990	94.412%	94.551%
3	18:13:08	94.922%	81.780	80.330	79.450	80.160	80.610	95.629%	96.174%
X		92.962%	101.720%	99.918%	99.174%	99.563%	99.536%	94.015%	94.314%
σ		1.786%	n/a	n/a	n/a	n/a	n/a	1.845%	1.989%
%RSD		1.921	2.490	2.217	1.830	2.212	2.561	1.962	2.109
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	18:11:42	78.710	78.690	76.400	75.520	76.150	86.734%		
2	18:12:25	82.980	83.150	80.580	80.070	80.130	87.547%		
3	18:13:08	81.690	81.660	79.340	79.120	79.090	89.536%		
X		101.408%	101.458%	98.470%	97.797%	98.068%	87.939%		
σ		n/a	n/a	n/a	n/a	n/a	1.442%		
%RSD		2.697	2.797	2.728	3.065	2.632	1.639		

ICB 12/22/2012 6:18:16 PM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:18:59	98.679%	0.018	1.061	0.960	0.000	0.662	0.171	0.115
2	18:19:42	96.974%	-0.032	1.012	0.854	0.000	0.473	0.125	-0.016
3	18:20:25	96.210%	-0.007	0.685	0.760	0.000	0.526	0.236	0.021
X		97.287%	-0.007	0.919	0.858	0.000	0.554	0.177	0.040
σ		1.264%	0.025	0.205	0.100	0.000	0.097	0.056	0.067
%RSD		1.299	348.800	22.260	11.650	0.000	17.550	31.690	167.700
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:18:59	-0.628	0.722	0.000	-0.564	-1.463	0.233	107.875%	0.002
2	18:19:42	-0.691	0.293	0.000	-1.473	-0.591	1.232	105.667%	-0.028
3	18:20:25	-0.700	-0.318	0.000	-3.154	-0.383	1.759	106.509%	-0.084
X		-0.673	0.233	0.000	-1.730	-0.812	1.074	106.683%	-0.037
σ		0.039	0.523	0.000	1.314	0.573	0.775	1.115%	0.044
%RSD		5.825	224.800	0.000	75.960	70.580	72.140	1.045	118.500
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:18:59	-0.007	-0.014	0.019	5.806	7.903	-0.002	-0.005	-0.041
2	18:19:42	0.003	-0.011	0.009	3.435	6.631	-0.001	-0.017	-0.037
3	18:20:25	-0.017	-0.024	0.009	-0.915	3.277	0.002	-0.009	-0.025
X		-0.007	-0.016	0.013	2.775	5.937	-0.000	-0.011	-0.034
σ		0.010	0.006	0.006	3.408	2.390	0.002	0.006	0.008
%RSD		145.800	39.610	45.830	122.800	40.260	612.500	55.380	24.140
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:18:59	-0.040	-0.255	-0.108	0.020	0.310	0.214	0.000	-0.000
2	18:19:42	-0.035	-0.250	-0.211	-0.173	0.243	-0.466	0.000	0.001
3	18:20:25	-0.022	-0.431	-0.241	-0.137	0.010	-0.552	0.000	-0.002
X		-0.032	-0.312	-0.187	-0.096	0.188	-0.268	0.000	-0.000
σ		0.010	0.103	0.070	0.103	0.158	0.419	0.000	0.001
%RSD		29.740	33.130	37.240	106.700	84.130	156.400	0.000	678.400
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:18:59	98.058%	0.350	0.358	96.346%	-0.001	0.001	0.092	0.058
2	18:19:42	98.610%	0.297	0.297	96.598%	0.006	0.006	0.026	0.005
3	18:20:25	100.360%	0.225	0.226	98.099%	0.002	0.004	0.011	0.004
X		99.010%	0.291	0.294	97.014%	0.003	0.004	0.043	0.023
σ		1.202%	0.063	0.066	0.948%	0.004	0.002	0.043	0.031
%RSD		1.214	21.530	22.440	0.977	136.600	59.290	101.200	136.100
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:18:59	97.002%	-0.179	-0.063	-0.054	-0.033	-0.002	96.573%	97.122%
2	18:19:42	97.490%	-0.172	-0.064	-0.050	-0.012	0.001	97.853%	98.701%
3	18:20:25	99.616%	-0.278	-0.064	-0.055	-0.018	0.002	100.563%	100.842%
X		98.036%	-0.210	-0.064	-0.053	-0.021	0.000	98.329%	98.888%
σ		1.390%	0.059	0.000	0.002	0.011	0.002	2.037%	1.867%
%RSD		1.418	28.200	0.704	4.697	51.230	534.600	2.072	1.888
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	18:18:59	-0.003	0.001	0.040	0.028	0.033	96.594%		
2	18:19:42	0.000	0.004	0.020	0.018	0.020	98.380%		
3	18:20:25	-0.004	-0.001	0.003	0.016	0.007	101.673%		
X		-0.002	0.001	0.021	0.021	0.020	98.882%		
σ		0.002	0.002	0.019	0.007	0.013	2.576%		
%RSD		101.100	168.000	89.510	31.560	66.560	2.605		

CRI 668876 12/22/2012 6:22:37 PM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:23:20	92.819%	1.023	5.571	5.767	0.000	99.820	94.770	95.090
2	18:24:03	89.365%	0.937	5.454	6.118	0.000	100.100	96.810	96.910
3	18:24:46	88.488%	0.991	5.766	5.989	0.000	100.100	96.040	95.600
X		90.224%	98.365%	111.941%	119.164%	0.000	99.988%	95.873%	95.869%
σ		2.290%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		2.538	4.417	2.819	2.984	0.000	0.145	1.071	0.982
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:23:20	28.740	502.700	0.000	94.200	106.900	102.600	101.105%	4.713
2	18:24:03	28.560	500.700	0.000	92.000	102.500	104.500	98.652%	4.763
3	18:24:46	28.930	514.300	0.000	95.380	90.360	104.600	96.334%	4.956
X		95.807%	101.180%	0.000	93.860%	99.924%	103.908%	98.697%	96.212%
σ		n/a	n/a	0.000	n/a	n/a	n/a	2.386%	n/a
%RSD		0.634	1.449	0.000	1.831	8.581	1.075	2.417	2.674
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:23:20	0.922	1.943	4.983	58.520	60.900	0.497	1.070	2.103
2	18:24:03	0.932	2.002	5.001	56.710	58.380	0.499	1.090	2.091
3	18:24:46	0.940	2.034	5.193	59.750	59.960	0.495	1.102	2.090
X		93.129%	99.640%	1011.772%	116.649%	119.498%	99.402%	108.707%	104.734%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		0.987	2.311	2.308	2.621	2.132	0.386	1.491	0.351
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:23:20	2.063	4.903	4.695	0.875	5.509	4.790	0.000	4.926
2	18:24:03	2.144	4.800	4.828	0.868	5.472	4.584	0.000	4.841
3	18:24:46	1.999	4.765	4.886	0.903	5.141	5.310	0.000	4.843
X		103.435%	96.446%	96.057%	88.198%	107.479%	97.887%	0.000	97.401%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		3.520	1.488	2.044	2.127	3.769	7.648	0.000	0.995
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:23:20	93.170%	4.488	4.580	95.517%	1.017	0.993	0.985	1.108
2	18:24:03	94.515%	4.905	4.743	95.998%	0.966	0.996	0.945	1.093
3	18:24:46	94.211%	4.594	4.805	95.781%	0.992	1.009	1.000	1.123
X		93.965%	93.249%	94.189%	95.765%	99.161%	99.909%	97.664%	110.790%
σ		0.705%	n/a	n/a	0.241%	n/a	n/a	n/a	n/a
%RSD		0.751	4.650	2.461	0.252	2.540	0.895	2.893	1.343
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:23:20	95.680%	4.806	1.800	1.855	9.210	9.149	97.526%	97.412%
2	18:24:03	97.849%	5.049	1.859	1.863	9.388	9.430	100.279%	100.370%
3	18:24:46	98.224%	4.775	1.881	1.847	9.077	9.362	99.532%	101.013%
X		97.251%	97.531%	92.338%	92.743%	92.251%	93.135%	99.112%	99.598%
σ		1.374%	n/a	n/a	n/a	n/a	n/a	1.423%	1.921%
%RSD		1.412	3.076	2.265	0.448	1.690	1.568	1.436	1.929
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	18:23:20	0.910	0.882	0.973	0.947	0.925	99.111%		
2	18:24:03	0.914	0.889	0.923	0.990	0.928	100.796%		
3	18:24:46	0.887	0.903	0.931	0.912	0.944	101.290%		
X		90.380%	89.145%	94.261%	94.950%	93.219%	100.399%		
σ		n/a	n/a	n/a	n/a	n/a	1.142%		
%RSD		1.614	1.183	2.860	4.080	1.139	1.138		

ICSA 668877 12/22/2012 6:27:58 PM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:28:41	70.789%	0.024	0.765	0.665	0.000	103500.000	99420.000	100600.000
2	18:29:24	69.142%	0.001	0.671	0.716	0.000	105300.000	98250.000	100400.000
3	18:30:07	67.511%	-0.006	0.498	0.533	0.000	105500.000	99520.000	100800.000
X		69.147%	0.006	0.644	0.638	0.000	104800.000	99060.000	100600.000
σ		1.639%	0.016	0.136	0.095	0.000	1094.000	706.200	187.400
%RSD		2.371	246.800	21.040	14.810	0.000	1.044	0.713	0.186
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:28:41	96820.000	24.490	0.000	101500.000	104900.000	106300.000	78.188%	2255.000
2	18:29:24	98520.000	23.890	0.000	101800.000	105200.000	106300.000	76.602%	2271.000
3	18:30:07	97860.000	23.770	0.000	102900.000	106800.000	108000.000	74.869%	2265.000
X		97740.000	24.050	0.000	102100.000	105600.000	106900.000	76.553%	2264.000
σ		854.900	0.385	0.000	735.800	1040.000	1003.000	1.660%	7.744
%RSD		0.875	1.599	0.000	0.721	0.985	0.939	2.169	0.342
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:28:41	-0.392	0.047	0.330	109100.000	108600.000	0.167	0.538	0.991
2	18:29:24	-0.383	0.005	0.329	109400.000	109700.000	0.158	0.607	0.950
3	18:30:07	-0.514	0.035	0.340	110900.000	110200.000	0.163	0.378	0.974
X		-0.430	0.029	0.333	109800.000	109500.000	0.163	0.508	0.972
σ		0.073	0.022	0.006	948.900	791.300	0.004	0.117	0.020
%RSD		17.000	75.210	1.810	0.864	0.723	2.666	23.120	2.088
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:28:41	1.449	2.980	1.739	-0.008	0.520	0.133	0.000	4.822
2	18:29:24	1.367	2.877	1.579	0.190	0.726	0.233	0.000	4.865
3	18:30:07	1.342	2.669	1.679	0.273	0.656	0.445	0.000	4.961
X		1.386	2.842	1.666	0.152	0.634	0.270	0.000	4.883
σ		0.056	0.159	0.081	0.144	0.105	0.159	0.000	0.071
%RSD		4.047	5.584	4.881	94.930	16.530	58.920	0.000	1.458
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:28:41	77.190%	2241.000	2256.000	74.328%	0.098	0.100	0.573	0.230
2	18:29:24	78.482%	2289.000	2296.000	75.448%	0.118	0.095	0.372	0.160
3	18:30:07	78.526%	2300.000	2310.000	75.250%	0.102	0.102	0.413	0.357
X		78.066%	2277.000	2288.000	75.009%	0.106	0.099	0.452	0.249
σ		0.759%	31.490	28.080	0.598%	0.011	0.004	0.106	0.100
%RSD		0.972	1.383	1.227	0.797	9.967	4.013	23.460	40.190
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:28:41	81.345%	0.041	0.237	0.263	0.235	0.226	84.458%	84.337%
2	18:29:24	83.922%	0.045	0.207	0.271	0.232	0.244	87.681%	88.066%
3	18:30:07	84.178%	-0.073	0.218	0.260	0.206	0.209	88.834%	89.614%
X		83.148%	0.004	0.221	0.265	0.224	0.226	86.991%	87.339%
σ		1.567%	0.066	0.015	0.006	0.016	0.017	2.268%	2.713%
%RSD		1.884	1575.000	6.867	2.115	7.127	7.589	2.608	3.106
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	18:28:41	-0.003	-0.000	0.201	0.231	0.209	82.628%		
2	18:29:24	-0.004	-0.000	0.185	0.194	0.191	83.814%		
3	18:30:07	-0.004	-0.000	0.194	0.181	0.191	83.936%		
X		-0.004	-0.000	0.194	0.202	0.197	83.460%		
σ		0.000	0.000	0.008	0.026	0.010	0.722%		
%RSD		11.850	26.450	4.147	12.850	5.267	0.866		

ICSAB 668878 12/22/2012 6:32:19 PM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:33:01	66.043%	20.210	47.020	48.940	0.000	102800.000	97360.000	98830.000
2	18:33:44	66.152%	19.270	44.920	45.560	0.000	98590.000	91050.000	93280.000
3	18:34:27	64.405%	20.440	46.370	47.700	0.000	103500.000	96890.000	98600.000
X		65.533%	99.864%	92.207%	94.800%	0.000	101.605%	95.100%	96.905%
σ		0.979%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		1.493	3.109	2.329	3.603	0.000	2.593	3.699	3.238
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:33:01	96660.000	566.400	0.000	99740.000	103500.000	103400.000	75.578%	2204.000
2	18:33:44	91310.000	535.200	0.000	95040.000	99590.000	99810.000	75.046%	2106.000
3	18:34:27	95800.000	557.500	0.000	99310.000	103900.000	105200.000	72.654%	2174.000
X		94.586%	110.604%	0.000	98.032%	102.350%	102.790%	74.426%	108.064%
σ		n/a	n/a	0.000	n/a	n/a	n/a	1.558%	n/a
%RSD		3.038	2.901	0.000	2.652	2.346	2.662	2.093	2.340
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:33:01	20.850	21.100	21.670	105100.000	105100.000	20.310	19.970	20.170
2	18:33:44	19.880	20.300	20.840	101300.000	101400.000	19.640	18.830	19.450
3	18:34:27	20.900	20.990	22.010	106100.000	105300.000	20.490	20.410	20.220
X		102.719%	103.973%	93.504%	104.183%	103.925%	100.731%	98.684%	99.735%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		2.796	2.096	2.780	2.412	2.128	2.221	4.128	2.174
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:33:01	20.720	23.480	21.430	20.530	53.130	52.260	0.000	24.030
2	18:33:44	19.670	22.110	21.070	19.300	50.130	49.390	0.000	23.390
3	18:34:27	20.580	23.160	21.350	20.280	52.500	51.100	0.000	24.090
X		101.625%	91.673%	85.135%	100.180%	103.840%	101.833%	0.000	119.193%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		2.806	3.130	0.884	3.229	3.039	2.831	0.000	1.618
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:33:01	84.099%	2120.000	2162.000	74.908%	20.010	20.110	20.460	20.130
2	18:33:44	86.710%	2044.000	2104.000	76.641%	19.350	19.100	19.620	19.630
3	18:34:27	85.158%	2140.000	2192.000	75.541%	20.130	20.270	20.890	20.460
X		85.322%	105.070%	107.638%	75.697%	99.156%	99.116%	101.621%	100.378%
σ		1.313%	n/a	n/a	0.876%	n/a	n/a	n/a	n/a
%RSD		1.539	2.393	2.076	1.158	2.124	3.204	3.188	2.084
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:33:01	83.986%	102.000	20.560	20.390	20.110	20.210	88.501%	89.187%
2	18:33:44	86.538%	99.240	19.690	19.930	19.660	19.340	93.264%	94.293%
3	18:34:27	85.600%	103.400	20.570	20.510	20.370	20.930	91.636%	93.275%
X		85.375%	101.526%	101.365%	101.387%	100.234%	100.806%	91.134%	92.252%
σ		1.291%	n/a	n/a	n/a	n/a	n/a	2.421%	2.703%
%RSD		1.512	2.069	2.469	1.504	1.803	3.936	2.656	2.930
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	18:33:01	20.820	20.650	21.080	20.960	20.990	85.007%		
2	18:33:44	20.120	20.160	20.530	20.510	20.530	88.863%		
3	18:34:27	21.350	21.530	21.610	21.490	21.590	86.906%		
X		103.818%	103.903%	105.369%	104.938%	105.184%	86.925%		
σ		n/a	n/a	n/a	n/a	n/a	1.928%		
%RSD		2.992	3.323	2.550	2.345	2.541	2.218		

CCV 664806 12/22/2012 6:40:17 PM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:41:00	69.473%	100.000	95.910	95.270	0.000	49280.000	46630.000	47270.000
2	18:41:43	69.584%	99.880	93.240	94.030	0.000	49050.000	46280.000	46930.000
3	18:42:26	67.105%	100.700	96.960	96.700	0.000	50320.000	47070.000	47860.000
X		68.721%	100.198%	95.373%	95.332%	0.000	99.100%	93.316%	94.708%
σ		1.400%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		2.038	0.448	2.010	1.406	0.000	1.371	0.854	0.991
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:41:00	483.500	4949.000	0.000	47090.000	47480.000	48070.000	83.333%	97.710
2	18:41:43	477.900	4898.000	0.000	47180.000	48570.000	48620.000	81.389%	99.170
3	18:42:26	484.400	4981.000	0.000	47550.000	48620.000	49390.000	79.473%	100.900
X		96.386%	98.852%	0.000	94.546%	96.446%	97.390%	81.398%	99.248%
σ		n/a	n/a	0.000	n/a	n/a	n/a	1.930%	n/a
%RSD		0.736	0.847	0.000	0.513	1.342	1.359	2.371	1.589
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:41:00	96.200	96.910	503.100	24990.000	24810.000	96.340	95.130	93.990
2	18:41:43	97.880	99.100	513.100	25630.000	25470.000	97.690	96.830	96.630
3	18:42:26	99.370	100.000	514.700	26020.000	25580.000	98.270	97.040	95.740
X		97.814%	98.682%	102.061%	102.189%	101.145%	97.431%	96.333%	95.453%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		1.622	1.623	1.237	2.033	1.629	1.016	1.085	1.410
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:41:00	95.010	101.200	101.500	94.070	98.430	97.050	0.000	93.130
2	18:41:43	97.170	102.700	103.200	95.860	101.000	99.070	0.000	94.950
3	18:42:26	97.220	104.600	104.200	97.860	102.400	102.000	0.000	96.870
X		96.464%	102.857%	102.942%	95.928%	100.607%	99.390%	0.000	94.987%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		1.305	1.661	1.320	1.979	2.011	2.529	0.000	1.969
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:41:00	89.355%	97.000	97.090	84.102%	95.210	95.630	98.590	98.830
2	18:41:43	89.317%	100.100	100.300	84.123%	96.770	96.900	99.200	100.100
3	18:42:26	88.732%	101.600	103.300	83.500%	99.050	99.350	102.100	103.000
X		89.135%	99.566%	100.226%	83.908%	97.009%	97.293%	99.949%	100.621%
σ		0.349%	n/a	n/a	0.353%	n/a	n/a	n/a	n/a
%RSD		0.392	2.361	3.099	0.421	1.987	1.944	1.856	2.103
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:41:00	87.699%	94.810	95.340	95.310	93.390	93.700	92.738%	99.579%
2	18:41:43	89.384%	96.740	96.890	96.170	93.670	93.660	95.111%	101.140%
3	18:42:26	88.141%	100.000	99.670	100.000	97.530	96.510	95.852%	102.237%
X		88.408%	97.196%	97.302%	97.164%	94.866%	94.625%	94.567%	100.985%
σ		0.874%	n/a	n/a	n/a	n/a	n/a	1.627%	1.336%
%RSD		0.988	2.718	2.256	2.578	2.440	1.730	1.720	1.323
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	18:41:00	93.440	93.580	94.730	94.480	94.400	91.754%		
2	18:41:43	95.270	95.330	96.060	95.810	95.910	93.328%		
3	18:42:26	98.190	97.910	98.440	98.610	98.410	93.958%		
X		95.634%	95.608%	96.408%	96.304%	96.242%	93.013%		
σ		n/a	n/a	n/a	n/a	n/a	1.135%		
%RSD		2.508	2.276	1.948	2.189	2.103	1.220		

CCB1 12/22/2012 6:47:33 PM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:48:16	93.724%	-0.023	0.536	0.489	0.000	1.977	1.113	1.267
2	18:48:59	88.722%	-0.017	0.541	0.493	0.000	2.217	1.173	1.118
3	18:49:42	87.831%	-0.021	0.217	0.379	0.000	1.980	1.272	1.168
X		90.092%	-0.020	0.432	0.453	0.000	2.058	1.186	1.184
σ		3.177%	0.003	0.186	0.065	0.000	0.137	0.081	0.075
%RSD		3.526	14.920	43.010	14.230	0.000	6.670	6.805	6.370
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:48:16	-0.046	-1.382	0.000	-2.497	2.890	2.539	90.498%	0.048
2	18:48:59	0.026	-1.465	0.000	-1.745	0.064	3.318	88.002%	0.085
3	18:49:42	0.035	-1.693	0.000	-2.978	4.891	2.793	87.264%	0.011
X		0.005	-1.513	0.000	-2.407	2.615	2.883	88.588%	0.048
σ		0.044	0.161	0.000	0.621	2.425	0.398	1.695%	0.037
%RSD		862.800	10.660	0.000	25.820	92.740	13.790	1.914	77.400
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:48:16	0.014	0.033	0.246	9.530	13.580	0.001	-0.005	-0.046
2	18:48:59	0.036	0.046	0.264	7.020	9.652	-0.004	0.030	-0.024
3	18:49:42	-0.004	-0.013	0.242	3.027	7.189	-0.003	-0.005	-0.033
X		0.016	0.022	0.251	6.526	10.140	-0.002	0.007	-0.034
σ		0.020	0.031	0.011	3.279	3.222	0.002	0.020	0.011
%RSD		128.200	140.500	4.532	50.250	31.780	111.400	298.200	31.530
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:48:16	-0.027	-0.101	-0.095	-0.111	0.349	-0.520	0.000	0.005
2	18:48:59	-0.038	-0.132	-0.146	-0.018	0.304	-0.166	0.000	0.002
3	18:49:42	-0.038	-0.146	-0.223	-0.054	0.226	-0.239	0.000	0.007
X		-0.035	-0.127	-0.155	-0.061	0.293	-0.308	0.000	0.004
σ		0.006	0.023	0.065	0.047	0.062	0.187	0.000	0.003
%RSD		17.920	18.380	41.660	76.680	21.160	60.650	0.000	58.560
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:48:16	91.594%	1.054	1.018	93.566%	0.005	-0.001	-0.068	-0.053
2	18:48:59	92.476%	0.961	1.000	94.236%	-0.002	-0.000	0.014	0.003
3	18:49:42	92.557%	0.881	0.800	94.319%	0.002	0.001	-0.029	-0.016
X		92.209%	0.965	0.939	94.041%	0.002	-0.000	-0.028	-0.022
σ		0.534%	0.087	0.121	0.413%	0.003	0.001	0.041	0.028
%RSD		0.579	8.971	12.870	0.439	202.900	1247.000	146.800	128.700
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:48:16	96.958%	-0.141	-0.036	-0.039	-0.018	0.004	102.679%	104.053%
2	18:48:59	98.607%	-0.191	-0.029	-0.051	-0.033	0.005	104.303%	105.815%
3	18:49:42	99.474%	-0.280	-0.053	-0.054	-0.021	0.007	105.955%	107.403%
X		98.347%	-0.204	-0.039	-0.048	-0.024	0.005	104.312%	105.757%
σ		1.278%	0.070	0.012	0.008	0.008	0.002	1.638%	1.676%
%RSD		1.300	34.440	31.070	15.960	34.190	36.810	1.570	1.585
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	18:48:16	0.003	0.008	0.032	0.023	0.026	106.734%		
2	18:48:59	0.006	0.009	0.012	0.016	0.011	108.710%		
3	18:49:42	0.007	0.009	0.015	0.007	0.013	110.518%		
X		0.006	0.009	0.020	0.016	0.017	108.654%		
σ		0.002	0.001	0.011	0.008	0.008	1.893%		
%RSD		43.340	5.957	53.270	53.100	48.480	1.742		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:52:35	71.270%	7.308	31.570	32.120	0.000	572.400	46080.000	47650.000
2	18:53:18	72.389%	7.318	32.840	32.970	0.000	576.600	46300.000	48090.000
3	18:54:01	74.446%	7.234	31.790	32.480	0.000	561.500	45910.000	47660.000
X		72.702%	7.287	32.070	32.520	0.000	570.100	46100.000	47800.000
σ		1.611%	0.046	0.676	0.427	0.000	7.787	192.200	250.900
%RSD		2.216	0.634	2.109	1.313	0.000	1.366	0.417	0.525
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:52:35	130500.000	1753.000	0.000	13310.000	102700.000	104300.000	86.215%	663.100
2	18:53:18	133000.000	1801.000	0.000	13730.000	105000.000	106300.000	85.225%	673.600
3	18:54:01	130500.000	1774.000	0.000	13610.000	104700.000	106200.000	85.360%	681.000
X		131300.000	1776.000	0.000	13550.000	104100.000	105600.000	85.600%	672.600
σ		1452.000	23.830	0.000	219.200	1251.000	1115.000	0.537%	8.959
%RSD		1.105	1.342	0.000	1.618	1.201	1.056	0.627	1.332
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:52:35	221.900	216.600	3035.000	289400.000	300200.000	126.300	300.800	213.400
2	18:53:18	227.900	224.000	3094.000	293900.000	307000.000	129.000	305.100	217.700
3	18:54:01	229.100	224.300	3108.000	294100.000	307000.000	129.200	306.900	218.500
X		226.300	221.600	3079.000	292400.000	304700.000	128.200	304.200	216.600
σ		3.843	4.349	38.880	2633.000	3891.000	1.608	3.147	2.780
%RSD		1.698	1.962	1.263	0.900	1.277	1.255	1.034	1.284
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:52:35	213.800	649.600	660.300	126.900	3.132	6.286	0.000	199.000
2	18:53:18	219.500	662.100	669.200	128.500	3.051	6.482	0.000	201.900
3	18:54:01	218.300	659.900	675.000	130.000	3.203	6.988	0.000	201.800
X		217.200	657.200	668.200	128.500	3.129	6.585	0.000	200.900
σ		3.039	6.696	7.386	1.540	0.076	0.362	0.000	1.686
%RSD		1.399	1.019	1.105	1.198	2.440	5.499	0.000	0.840
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:52:35	0.000	18.460	18.500	78.013%	0.384	0.268	2.191	1.651
2	18:53:18	0.000	18.770	18.710	78.467%	0.372	0.245	2.316	1.690
3	18:54:01	0.000	18.930	18.590	78.385%	0.403	0.235	2.208	1.674
X		0.000	18.720	18.600	78.288%	0.386	0.250	2.238	1.671
σ		0.000	0.239	0.106	0.242%	0.016	0.017	0.068	0.019
%RSD		0.000	1.278	0.569	0.308	4.025	6.680	3.019	1.161
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:52:35	84.449%	17.670	1.476	1.503	775.500	778.800	95.409%	94.724%
2	18:53:18	85.513%	17.020	1.369	1.400	782.400	777.800	95.416%	94.601%
3	18:54:01	85.395%	16.140	1.328	1.385	792.500	789.500	94.849%	94.226%
X		85.119%	16.940	1.391	1.429	783.500	782.000	95.225%	94.517%
σ		0.583%	0.769	0.077	0.065	8.553	6.502	0.325%	0.259%
%RSD		0.685	4.542	5.513	4.517	1.092	0.831	0.342	0.274
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	18:52:35	1.989	2.030	155.600	154.000	154.400	79.846%		
2	18:53:18	2.010	2.051	157.400	155.900	156.400	79.453%		
3	18:54:01	2.138	2.090	158.100	156.500	157.400	78.853%		
X		2.046	2.057	157.000	155.500	156.000	79.384%		
σ		0.081	0.030	1.301	1.279	1.548	0.500%		
%RSD		3.952	1.469	0.829	0.823	0.992	0.630		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:56:52	77.601%	6.580	67.100	66.640	0.000	752.100	55440.000	57650.000
2	18:57:34	79.725%	6.617	65.110	66.120	0.000	751.900	54850.000	57160.000
3	18:58:17	74.217%	6.848	66.030	67.580	0.000	761.000	55750.000	59060.000
X		77.181%	6.682	66.080	66.780	0.000	755.000	55350.000	57960.000
σ		2.778%	0.146	0.999	0.740	0.000	5.217	455.100	982.100
%RSD		3.599	2.180	1.512	1.109	0.000	0.691	0.822	1.694
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:56:52	123200.000	3365.000	0.000	19070.000	137200.000	138500.000	87.338%	779.500
2	18:57:34	121500.000	3283.000	0.000	18980.000	138900.000	140900.000	86.675%	780.600
3	18:58:17	124200.000	3383.000	0.000	18820.000	137900.000	140600.000	84.347%	779.900
X		123000.000	3344.000	0.000	18960.000	138000.000	140000.000	86.120%	780.000
σ		1355.000	53.620	0.000	128.300	850.600	1283.000	1.571%	0.531
%RSD		1.102	1.604	0.000	0.677	0.617	0.916	1.824	0.068
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:56:52	206.800	210.500	3745.000	291000.000	304800.000	132.400	319.500	200.700
2	18:57:34	209.000	212.800	3803.000	295700.000	308800.000	134.700	320.600	203.800
3	18:58:17	208.400	212.700	3832.000	296400.000	308400.000	134.500	325.900	205.700
X		208.100	212.000	3793.000	294400.000	307300.000	133.900	322.000	203.400
σ		1.118	1.276	44.110	2948.000	2154.000	1.261	3.434	2.517
%RSD		0.537	0.602	1.163	1.001	0.701	0.942	1.066	1.237
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:56:52	203.400	649.900	658.900	143.500	2.634	5.713	0.000	253.100
2	18:57:34	204.700	654.000	667.400	145.900	2.408	5.567	0.000	256.000
3	18:58:17	207.000	658.900	670.100	146.100	2.667	6.008	0.000	259.600
X		205.100	654.300	665.500	145.200	2.570	5.763	0.000	256.200
σ		1.834	4.530	5.808	1.441	0.141	0.225	0.000	3.275
%RSD		0.894	0.692	0.873	0.992	5.497	3.896	0.000	1.278
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:56:52	0.000	13.240	13.140	75.649%	0.425	0.249	2.024	1.530
2	18:57:34	0.000	13.060	13.260	76.019%	0.411	0.252	1.905	1.365
3	18:58:17	0.000	13.090	13.280	76.391%	0.402	0.255	1.946	1.404
X		0.000	13.130	13.230	76.019%	0.413	0.252	1.958	1.433
σ		0.000	0.095	0.078	0.371%	0.012	0.003	0.061	0.086
%RSD		0.000	0.723	0.591	0.488	2.851	1.185	3.105	6.033
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:56:52	80.897%	23.180	1.266	1.249	661.500	658.800	89.339%	87.838%
2	18:57:34	82.263%	23.020	1.192	1.191	666.400	665.500	90.217%	88.858%
3	18:58:17	82.273%	22.770	1.143	1.147	671.700	669.900	92.418%	90.954%
X		81.811%	22.990	1.200	1.196	666.500	664.700	90.658%	89.217%
σ		0.792%	0.208	0.062	0.051	5.093	5.576	1.586%	1.589%
%RSD		0.968	0.904	5.161	4.258	0.764	0.839	1.750	1.781
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	18:56:52	1.761	1.796	154.600	153.600	153.700	71.570%		
2	18:57:34	1.809	1.823	156.600	154.600	155.900	72.971%		
3	18:58:17	1.738	1.759	152.500	150.900	151.600	76.363%		
X		1.769	1.793	154.600	153.000	153.800	73.635%		
σ		0.036	0.032	2.067	1.925	2.157	2.465%		
%RSD		2.056	1.767	1.337	1.258	1.403	3.347		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:01:08	89.539%	1.269	7.234	7.340	0.000	197.700	2859.000	3541.000
2	19:01:51	89.148%	1.207	7.214	7.474	0.000	198.500	2776.000	3567.000
3	19:02:34	87.588%	1.242	7.059	7.329	0.000	202.000	3193.000	3560.000
X		88.759%	1.239	7.169	7.381	0.000	199.400	2943.000	3556.000
σ		1.032%	0.031	0.096	0.081	0.000	2.272	221.100	13.680
%RSD		1.163	2.517	1.339	1.095	0.000	1.139	7.513	0.385
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:01:08	10140.000	458.400	0.000	749.900	30090.000	30640.000	96.861%	83.380
2	19:01:51	10290.000	461.500	0.000	748.700	29960.000	30700.000	96.712%	83.790
3	19:02:34	10290.000	468.300	0.000	776.800	31000.000	30830.000	95.033%	83.290
X		10240.000	462.700	0.000	758.500	30350.000	30730.000	96.202%	83.490
σ		83.790	5.027	0.000	15.890	566.200	95.500	1.015%	0.265
%RSD		0.819	1.086	0.000	2.095	1.865	0.311	1.055	0.317
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:01:08	9.640	13.440	2677.000	12830.000	12620.000	6.573	13.800	14.260
2	19:01:51	9.438	13.310	2707.000	12780.000	12670.000	6.671	13.960	14.520
3	19:02:34	9.642	13.720	2744.000	12990.000	13010.000	6.922	14.140	14.790
X		9.574	13.490	2709.000	12870.000	12760.000	6.722	13.970	14.520
σ		0.117	0.211	33.640	110.400	213.200	0.180	0.172	0.268
%RSD		1.224	1.567	1.242	0.858	1.670	2.673	1.233	1.847
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:01:08	14.650	94.220	95.590	5.928	0.362	-0.505	0.000	63.180
2	19:01:51	14.870	94.280	94.040	6.010	0.343	-0.618	0.000	64.250
3	19:02:34	14.700	95.510	96.250	6.056	0.361	-0.261	0.000	64.660
X		14.740	94.670	95.290	5.998	0.355	-0.461	0.000	64.030
σ		0.113	0.727	1.136	0.065	0.011	0.183	0.000	0.764
%RSD		0.767	0.768	1.193	1.076	3.084	39.660	0.000	1.194
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:01:08	101.174%	0.944	0.803	93.914%	1.518	1.529	0.546	0.550
2	19:01:51	102.419%	0.815	0.848	94.784%	1.562	1.603	0.556	0.503
3	19:02:34	102.910%	0.798	0.830	95.444%	1.550	1.550	0.512	0.524
X		102.168%	0.852	0.827	94.714%	1.543	1.561	0.538	0.526
σ		0.895%	0.080	0.023	0.767%	0.023	0.038	0.023	0.023
%RSD		0.876	9.362	2.749	0.810	1.474	2.459	4.289	4.466
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:01:08	96.509%	0.933	0.140	0.130	83.950	84.800	98.231%	98.734%
2	19:01:51	98.196%	1.005	0.139	0.131	84.740	85.450	100.884%	101.559%
3	19:02:34	99.002%	1.020	0.135	0.124	85.310	86.050	102.321%	102.827%
X		97.902%	0.986	0.138	0.128	84.670	85.440	100.479%	101.040%
σ		1.272%	0.046	0.002	0.004	0.684	0.622	2.075%	2.095%
%RSD		1.299	4.685	1.750	3.138	0.808	0.728	2.065	2.074
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	19:01:08	0.091	0.087	20.290	19.940	19.940	94.368%		
2	19:01:51	0.088	0.093	20.580	20.070	20.200	97.575%		
3	19:02:34	0.086	0.080	20.270	19.970	20.080	99.139%		
X		0.088	0.087	20.380	19.990	20.080	97.028%		
σ		0.002	0.007	0.176	0.068	0.132	2.432%		
%RSD		2.738	7.990	0.864	0.339	0.655	2.507		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:09:04	119.515%	-0.014	0.116	0.203	0.000	5.942	5.760	5.903
2	19:09:47	115.558%	-0.016	0.142	0.165	0.000	5.449	6.024	6.257
3	19:10:30	110.510%	-0.031	0.062	0.149	0.000	5.379	6.100	6.446
X		115.195%	-0.020	0.107	0.172	0.000	5.590	5.962	6.202
σ		4.513%	0.009	0.041	0.028	0.000	0.307	0.178	0.276
%RSD		3.918	46.530	38.440	16.100	0.000	5.486	2.993	4.443
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:09:04	6.063	-0.246	0.000	0.204	15.400	23.530	120.348%	0.002
2	19:09:47	6.922	-0.127	0.000	-1.440	21.730	20.490	118.829%	0.057
3	19:10:30	7.286	0.109	0.000	-1.137	19.580	22.370	116.596%	0.016
X		6.757	-0.088	0.000	-0.791	18.910	22.130	118.591%	0.025
σ		0.628	0.180	0.000	0.875	3.218	1.537	1.887%	0.029
%RSD		9.297	205.000	0.000	110.600	17.020	6.945	1.591	114.600
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:09:04	-0.081	0.171	0.223	23.300	20.920	-0.009	0.017	0.056
2	19:09:47	-0.051	0.148	0.307	22.670	20.700	-0.006	0.015	0.039
3	19:10:30	-0.126	0.143	0.378	24.500	20.090	-0.004	0.013	0.019
X		-0.086	0.154	0.303	23.490	20.570	-0.006	0.015	0.038
σ		0.038	0.015	0.077	0.927	0.431	0.003	0.002	0.019
%RSD		44.050	9.851	25.530	3.947	2.094	44.040	14.910	48.950
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:09:04	0.055	0.347	0.563	-0.167	-0.001	-0.640	0.000	0.052
2	19:09:47	0.070	0.486	0.574	-0.223	0.067	-0.442	0.000	0.063
3	19:10:30	0.028	0.350	0.579	-0.162	0.123	-0.668	0.000	0.061
X		0.051	0.395	0.572	-0.184	0.063	-0.584	0.000	0.059
σ		0.021	0.079	0.008	0.034	0.062	0.123	0.000	0.006
%RSD		41.590	20.140	1.404	18.370	97.980	21.090	0.000	9.983
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:09:04	102.614%	0.160	0.151	102.682%	-0.008	-0.012	-0.003	-0.004
2	19:09:47	104.257%	0.119	0.146	104.554%	-0.010	-0.008	-0.038	-0.033
3	19:10:30	104.738%	0.137	0.127	105.125%	-0.008	-0.009	-0.005	0.003
X		103.869%	0.139	0.141	104.121%	-0.009	-0.010	-0.016	-0.011
σ		1.114%	0.020	0.012	1.278%	0.001	0.002	0.019	0.019
%RSD		1.072	14.710	8.676	1.227	13.290	17.400	125.300	170.900
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:09:04	101.578%	1.765	-0.093	-0.086	0.140	0.136	101.608%	101.163%
2	19:09:47	103.670%	1.606	-0.092	-0.079	0.143	0.146	104.532%	104.347%
3	19:10:30	104.769%	1.349	-0.094	-0.084	0.129	0.111	105.401%	105.699%
X		103.339%	1.573	-0.093	-0.083	0.137	0.131	103.847%	103.736%
σ		1.621%	0.210	0.001	0.004	0.007	0.018	1.987%	2.329%
%RSD		1.569	13.340	1.448	4.298	5.373	13.740	1.913	2.245
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	19:09:04	-0.012	-0.009	0.068	0.068	0.065	100.241%		
2	19:09:47	-0.010	-0.010	0.060	0.086	0.063	103.514%		
3	19:10:30	-0.013	-0.010	0.053	0.055	0.052	104.986%		
X		-0.011	-0.010	0.061	0.070	0.060	102.914%		
σ		0.001	0.000	0.008	0.016	0.007	2.429%		
%RSD		12.510	4.446	12.630	22.600	11.390	2.360		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:13:21	85.193%	851.600	81.050	81.960	0.000	8952.000	8478.000	8808.000
2	19:14:04	83.832%	852.700	81.220	81.450	0.000	8889.000	8433.000	8826.000
3	19:14:47	81.641%	849.000	80.240	82.990	0.000	8915.000	8396.000	8780.000
X		83.555%	851.100	80.840	82.140	0.000	8919.000	8436.000	8805.000
σ		1.792%	1.895	0.525	0.785	0.000	31.780	41.490	23.250
%RSD		2.145	0.223	0.650	0.956	0.000	0.356	0.492	0.264
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:13:21	8664.000	23.260	0.000	8638.000	9590.000	9069.000	93.766%	89.830
2	19:14:04	8622.000	23.960	0.000	8675.000	9677.000	9156.000	89.845%	89.760
3	19:14:47	8619.000	23.530	0.000	8534.000	9578.000	9179.000	88.856%	90.770
X		8635.000	23.580	0.000	8616.000	9615.000	9135.000	90.823%	90.120
σ		25.420	0.354	0.000	73.340	54.040	58.090	2.597%	0.563
%RSD		0.294	1.503	0.000	0.851	0.562	0.636	2.859	0.625
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:13:21	904.900	926.200	947.800	9653.000	9398.000	920.700	913.800	853.800
2	19:14:04	909.000	932.400	949.900	9601.000	9365.000	913.800	913.700	862.400
3	19:14:47	922.200	939.900	950.900	9532.000	9384.000	917.100	901.800	846.700
X		912.000	932.800	949.500	9595.000	9383.000	917.200	909.800	854.300
σ		9.017	6.827	1.563	60.970	16.650	3.475	6.896	7.867
%RSD		0.989	0.732	0.165	0.635	0.177	0.379	0.758	0.921
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:13:21	925.800	877.900	881.500	841.000	818.100	826.100	0.000	908.400
2	19:14:04	920.900	884.800	895.300	846.600	821.700	830.300	0.000	914.100
3	19:14:47	913.100	875.800	886.200	827.000	805.000	814.400	0.000	908.300
X		919.900	879.500	887.700	838.200	814.900	823.600	0.000	910.200
σ		6.377	4.705	7.020	10.100	8.750	8.248	0.000	3.310
%RSD		0.693	0.535	0.791	1.204	1.074	1.001	0.000	0.364
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:13:21	89.615%	89.360	88.430	89.470%	92.120	92.850	865.500	880.500
2	19:14:04	89.117%	90.840	90.220	88.736%	92.690	93.260	870.200	883.900
3	19:14:47	88.761%	90.460	90.430	88.729%	92.200	93.000	869.100	877.300
X		89.164%	90.220	89.690	88.979%	92.340	93.040	868.200	880.500
σ		0.429%	0.772	1.102	0.425%	0.309	0.205	2.461	3.295
%RSD		0.481	0.856	1.228	0.478	0.334	0.220	0.283	0.374
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:13:21	92.087%	95.900	83.860	83.250	860.800	864.200	96.927%	97.977%
2	19:14:04	92.285%	96.340	84.430	83.870	861.600	867.400	98.420%	99.312%
3	19:14:47	92.487%	95.610	84.200	83.920	857.200	860.500	98.456%	99.765%
X		92.286%	95.950	84.160	83.680	859.900	864.000	97.934%	99.018%
σ		0.200%	0.367	0.290	0.372	2.357	3.448	0.873%	0.929%
%RSD		0.217	0.383	0.345	0.445	0.274	0.399	0.891	0.939
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	19:13:21	218.300	217.500	874.000	913.000	895.200	90.190%		
2	19:14:04	220.000	219.300	879.600	919.700	898.900	92.084%		
3	19:14:47	217.600	216.300	859.000	898.300	881.700	93.711%		
X		218.600	217.700	870.900	910.300	891.900	91.995%		
σ		1.252	1.536	10.630	10.970	9.035	1.762%		
%RSD		0.573	0.706	1.221	1.206	1.013	1.915		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:20:35	86.038%	5.184	22.980	23.480	0.000	426.400	31770.000	33320.000
2	19:21:18	83.474%	5.289	23.140	23.470	0.000	435.000	32500.000	33990.000
3	19:22:01	82.957%	5.323	23.620	24.490	0.000	439.400	33070.000	34220.000
X		84.156%	5.265	23.250	23.810	0.000	433.600	32450.000	33840.000
σ		1.650%	0.073	0.331	0.585	0.000	6.635	654.900	463.800
%RSD		1.961	1.382	1.424	2.456	0.000	1.530	2.018	1.370
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:20:35	95890.000	2051.000	0.000	10270.000	26080.000	26660.000	97.758%	569.700
2	19:21:18	96510.000	2081.000	0.000	10210.000	26050.000	26840.000	97.024%	579.000
3	19:22:01	96400.000	2124.000	0.000	10360.000	27040.000	27380.000	94.385%	594.700
X		96270.000	2086.000	0.000	10280.000	26390.000	26960.000	96.389%	581.100
σ		333.800	36.600	0.000	74.370	562.600	374.700	1.774%	12.650
%RSD		0.347	1.755	0.000	0.723	2.132	1.390	1.841	2.178
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:20:35	153.500	153.200	2646.000	245000.000	254700.000	105.700	244.300	207.200
2	19:21:18	155.300	153.800	2685.000	247300.000	257200.000	108.300	250.900	210.900
3	19:22:01	157.600	158.200	2720.000	251800.000	261000.000	109.200	252.900	213.800
X		155.500	155.000	2684.000	248000.000	257600.000	107.700	249.300	210.600
σ		2.102	2.757	37.140	3500.000	3125.000	1.820	4.512	3.340
%RSD		1.352	1.778	1.384	1.411	1.213	1.689	1.809	1.586
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:20:35	208.600	583.600	590.300	129.100	3.743	7.532	0.000	82.830
2	19:21:18	213.200	591.400	602.100	130.800	3.266	6.581	0.000	83.850
3	19:22:01	214.800	603.000	613.800	133.000	2.888	6.521	0.000	86.320
X		212.200	592.700	602.100	131.000	3.299	6.878	0.000	84.330
σ		3.226	9.769	11.750	1.967	0.428	0.567	0.000	1.797
%RSD		1.520	1.648	1.951	1.502	12.990	8.243	0.000	2.130
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:20:35	0.000	11.290	11.490	84.694%	0.244	0.109	1.760	1.381
2	19:21:18	0.000	11.380	11.540	85.956%	0.217	0.120	1.746	1.343
3	19:22:01	0.000	11.530	11.920	84.041%	0.249	0.129	1.821	1.402
X		0.000	11.400	11.650	84.897%	0.237	0.119	1.775	1.375
σ		0.000	0.122	0.233	0.973%	0.017	0.010	0.040	0.030
%RSD		0.000	1.069	2.001	1.146	7.258	8.081	2.232	2.180
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:20:35	88.392%	9.242	0.791	0.772	456.500	456.000	96.305%	95.129%
2	19:21:18	89.890%	9.103	0.761	0.813	461.400	459.800	98.739%	97.250%
3	19:22:01	88.695%	9.468	0.762	0.788	472.600	468.400	97.673%	96.329%
X		88.992%	9.271	0.772	0.791	463.500	461.400	97.572%	96.236%
σ		0.792%	0.184	0.017	0.020	8.280	6.353	1.220%	1.063%
%RSD		0.890	1.989	2.212	2.587	1.786	1.377	1.250	1.105
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	19:20:35	1.780	1.790	117.300	115.400	116.200	80.423%		
2	19:21:18	1.777	1.794	119.600	117.400	118.600	81.509%		
3	19:22:01	1.758	1.739	121.800	120.300	120.900	81.534%		
X		1.772	1.774	119.600	117.700	118.500	81.155%		
σ		0.012	0.031	2.228	2.458	2.373	0.634%		
%RSD		0.669	1.740	1.863	2.088	2.002	0.781		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:24:53	90.473%	1.144	5.039	5.207	0.000	82.970	6535.000	6808.000
2	19:25:36	86.953%	1.080	5.338	5.296	0.000	85.310	6629.000	6918.000
3	19:26:19	86.282%	1.021	4.676	4.955	0.000	78.790	6100.000	6453.000
X		87.903%	1.082	5.018	5.152	0.000	82.360	6421.000	6726.000
σ		2.251%	0.061	0.332	0.177	0.000	3.302	282.200	242.800
%RSD		2.561	5.660	6.609	3.431	0.000	4.010	4.395	3.609
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:24:53	19430.000	444.300	0.000	2110.000	5336.000	5302.000	98.931%	117.200
2	19:25:36	19850.000	457.700	0.000	2134.000	5442.000	5445.000	95.910%	120.500
3	19:26:19	18690.000	430.000	0.000	1962.000	5016.000	4965.000	96.613%	110.000
X		19320.000	444.000	0.000	2069.000	5265.000	5237.000	97.152%	115.900
σ		587.000	13.820	0.000	92.780	221.500	246.400	1.581%	5.371
%RSD		3.038	3.112	0.000	4.485	4.207	4.705	1.627	4.633
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:24:53	30.170	31.080	532.700	52100.000	50970.000	20.720	49.890	42.710
2	19:25:36	31.110	31.390	541.800	52680.000	51720.000	20.950	49.490	42.940
3	19:26:19	28.370	29.110	503.900	49290.000	48230.000	19.690	46.330	39.890
X		29.890	30.530	526.200	51360.000	50310.000	20.450	48.570	41.850
σ		1.395	1.238	19.760	1813.000	1840.000	0.672	1.952	1.700
%RSD		4.667	4.055	3.755	3.530	3.658	3.286	4.020	4.061
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:24:53	42.440	126.800	128.000	25.930	0.201	-0.688	0.000	14.190
2	19:25:36	41.800	128.500	130.500	26.530	0.215	-0.687	0.000	14.340
3	19:26:19	39.750	120.800	123.200	24.470	-0.013	-0.987	0.000	13.490
X		41.330	125.400	127.200	25.640	0.134	-0.787	0.000	14.010
σ		1.403	4.045	3.707	1.056	0.128	0.173	0.000	0.453
%RSD		3.396	3.227	2.913	4.117	95.140	21.980	0.000	3.235
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:24:53	109.780%	2.067	2.185	94.574%	0.038	0.016	0.374	0.290
2	19:25:36	109.806%	2.087	2.187	93.308%	0.038	0.012	0.283	0.239
3	19:26:19	111.272%	1.972	1.978	96.151%	0.036	0.011	0.159	0.133
X		110.286%	2.042	2.117	94.678%	0.037	0.013	0.272	0.221
σ		0.854%	0.061	0.120	1.424%	0.001	0.003	0.108	0.080
%RSD		0.774	3.007	5.685	1.505	3.224	21.490	39.710	36.330
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:24:53	95.742%	1.159	0.095	0.110	92.750	93.480	99.462%	99.631%
2	19:25:36	96.024%	1.301	0.104	0.099	94.680	94.890	100.486%	100.923%
3	19:26:19	99.044%	1.188	0.074	0.086	87.670	88.120	104.827%	105.041%
X		96.937%	1.216	0.091	0.098	91.700	92.160	101.592%	101.865%
σ		1.830%	0.075	0.016	0.012	3.621	3.574	2.848%	2.825%
%RSD		1.888	6.143	17.200	11.810	3.949	3.878	2.804	2.774
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	19:24:53	0.427	0.413	22.880	22.510	22.690	92.682%		
2	19:25:36	0.393	0.392	23.190	22.780	22.870	95.175%		
3	19:26:19	0.347	0.355	21.400	20.930	21.090	100.529%		
X		0.389	0.386	22.490	22.070	22.220	96.129%		
σ		0.040	0.029	0.957	1.000	0.980	4.009%		
%RSD		10.230	7.558	4.255	4.531	4.410	4.171		

240-17602-F-11-B DU 12/22/2012 7:28:29 PM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:29:12	80.062%	5.372	23.790	24.200	0.000	422.700	31280.000	32420.000
2	19:29:55	77.011%	5.321	24.250	24.150	0.000	423.300	31600.000	32940.000
3	19:30:38	76.317%	5.441	25.140	25.110	0.000	417.800	31170.000	32360.000
X		77.797%	5.378	24.390	24.490	0.000	421.300	31350.000	32570.000
σ		1.992%	0.060	0.684	0.544	0.000	3.043	226.100	318.700
%RSD		2.561	1.123	2.804	2.221	0.000	0.722	0.721	0.979
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:29:12	94750.000	1693.000	0.000	10250.000	24480.000	25120.000	90.854%	498.700
2	19:29:55	95080.000	1724.000	0.000	10270.000	24910.000	25360.000	87.327%	503.700
3	19:30:38	93970.000	1685.000	0.000	10120.000	24460.000	25270.000	86.514%	498.700
X		94600.000	1701.000	0.000	10210.000	24620.000	25250.000	88.232%	500.400
σ		568.600	20.380	0.000	78.280	253.900	118.600	2.307%	2.903
%RSD		0.601	1.199	0.000	0.766	1.031	0.470	2.615	0.580
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:29:12	149.000	152.200	2797.000	241900.000	249100.000	104.400	242.800	204.500
2	19:29:55	148.300	151.600	2825.000	246200.000	250700.000	104.600	241.600	208.400
3	19:30:38	148.900	151.900	2829.000	245000.000	252100.000	106.200	244.600	207.100
X		148.700	151.900	2817.000	244400.000	250600.000	105.100	243.000	206.700
σ		0.350	0.276	17.560	2264.000	1524.000	0.972	1.508	1.976
%RSD		0.235	0.182	0.623	0.926	0.608	0.925	0.621	0.956
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:29:12	205.100	603.200	607.100	130.300	2.153	4.609	0.000	81.370
2	19:29:55	207.300	613.200	618.300	131.900	2.582	5.353	0.000	82.480
3	19:30:38	207.100	615.300	623.100	130.300	2.250	5.149	0.000	83.070
X		206.500	610.500	616.200	130.800	2.328	5.037	0.000	82.310
σ		1.205	6.487	8.174	0.924	0.225	0.384	0.000	0.863
%RSD		0.584	1.062	1.327	0.706	9.670	7.631	0.000	1.048
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:29:12	0.000	10.510	10.720	79.913%	0.247	0.119	1.943	1.430
2	19:29:55	0.000	10.510	10.730	79.198%	0.250	0.119	1.899	1.427
3	19:30:38	0.000	10.760	11.080	78.671%	0.252	0.120	1.803	1.393
X		0.000	10.590	10.840	79.261%	0.249	0.119	1.882	1.417
σ		0.000	0.146	0.203	0.624%	0.003	0.001	0.072	0.020
%RSD		0.000	1.380	1.872	0.787	1.033	0.551	3.801	1.427
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:29:12	83.390%	7.068	0.734	0.770	430.200	428.100	92.838%	91.479%
2	19:29:55	83.854%	7.064	0.779	0.764	428.300	430.000	94.019%	92.487%
3	19:30:38	83.850%	7.031	0.729	0.729	431.300	430.700	94.256%	92.859%
X		83.698%	7.054	0.747	0.754	429.900	429.600	93.704%	92.275%
σ		0.267%	0.020	0.028	0.022	1.489	1.353	0.759%	0.714%
%RSD		0.319	0.290	3.686	2.917	0.346	0.315	0.810	0.774
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	19:29:12	1.545	1.496	136.400	135.000	136.100	78.307%		
2	19:29:55	1.559	1.522	136.600	136.200	136.300	80.469%		
3	19:30:38	1.565	1.551	137.600	136.800	137.400	80.613%		
X		1.556	1.523	136.800	136.000	136.600	79.797%		
σ		0.010	0.027	0.647	0.881	0.700	1.292%		
%RSD		0.663	1.782	0.473	0.648	0.513	1.619		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:33:31	78.140%	86.900	99.130	100.400	0.000	9039.000	41170.000	42630.000
2	19:34:14	76.842%	86.730	102.400	103.600	0.000	9027.000	41590.000	43600.000
3	19:34:57	75.958%	89.040	101.700	105.300	0.000	9128.000	42190.000	44000.000
X		76.980%	87.550	101.100	103.100	0.000	9065.000	41650.000	43410.000
σ		1.098%	1.292	1.726	2.471	0.000	55.200	511.800	705.400
%RSD		1.426	1.475	1.707	2.397	0.000	0.609	1.229	1.625
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:33:31	118500.000	3613.000	0.000	20300.000	32530.000	33440.000	89.388%	645.100
2	19:34:14	121400.000	3683.000	0.000	20700.000	33320.000	33740.000	86.309%	662.400
3	19:34:57	121800.000	3684.000	0.000	21070.000	33410.000	34280.000	85.636%	662.700
X		120600.000	3660.000	0.000	20690.000	33080.000	33820.000	87.111%	656.700
σ		1777.000	41.100	0.000	384.700	484.900	423.100	2.000%	10.060
%RSD		1.474	1.123	0.000	1.860	1.466	1.251	2.296	1.532
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:33:31	264.600	252.900	2896.000	259500.000	269000.000	195.700	332.900	290.200
2	19:34:14	272.600	260.600	2998.000	267400.000	276400.000	200.000	341.400	296.800
3	19:34:57	273.200	263.600	3001.000	269400.000	278300.000	201.900	343.700	299.100
X		270.100	259.000	2965.000	265500.000	274500.000	199.200	339.400	295.400
σ		4.803	5.482	59.900	5234.000	4916.000	3.177	5.666	4.631
%RSD		1.778	2.116	2.020	1.972	1.791	1.595	1.670	1.568
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:33:31	292.700	669.900	677.200	208.200	72.570	76.870	0.000	186.600
2	19:34:14	296.000	687.900	696.300	213.000	74.270	78.520	0.000	190.900
3	19:34:57	301.200	697.700	704.300	215.300	75.670	79.260	0.000	192.700
X		296.600	685.200	692.600	212.200	74.170	78.220	0.000	190.100
σ		4.271	14.140	13.930	3.619	1.552	1.228	0.000	3.179
%RSD		1.440	2.064	2.011	1.706	2.093	1.570	0.000	1.672
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:33:31	0.000	95.430	95.500	76.712%	85.170	85.240	84.600	83.350
2	19:34:14	0.000	97.380	97.620	76.834%	86.820	86.250	85.020	84.410
3	19:34:57	0.000	98.110	98.030	76.407%	87.560	87.400	85.700	85.440
X		0.000	96.970	97.050	76.651%	86.520	86.300	85.110	84.400
σ		0.000	1.387	1.358	0.220%	1.223	1.080	0.554	1.042
%RSD		0.000	1.430	1.399	0.288	1.414	1.251	0.651	1.234
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:33:31	80.938%	81.920	21.860	21.500	554.400	555.800	90.420%	88.945%
2	19:34:14	81.522%	83.090	22.350	22.000	564.600	563.400	91.422%	90.542%
3	19:34:57	81.049%	83.950	22.460	22.400	567.800	568.700	91.579%	90.756%
X		81.170%	82.990	22.220	21.970	562.300	562.600	91.140%	90.081%
σ		0.310%	1.019	0.317	0.450	7.010	6.520	0.629%	0.990%
%RSD		0.382	1.228	1.428	2.047	1.247	1.159	0.690	1.099
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	19:33:31	86.080	86.580	212.300	215.300	213.700	74.550%		
2	19:34:14	87.690	87.860	214.800	218.700	216.700	75.926%		
3	19:34:57	89.210	90.030	219.800	222.000	220.900	75.330%		
X		87.660	88.160	215.600	218.700	217.100	75.268%		
σ		1.565	1.744	3.828	3.355	3.607	0.690%		
%RSD		1.786	1.978	1.775	1.534	1.661	0.917		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:37:50	76.573%	48.430	825.300	836.000	0.000	44550.000	73020.000	77070.000
2	19:38:33	76.327%	48.600	838.400	859.300	0.000	44260.000	72150.000	76160.000
3	19:39:16	76.021%	48.320	835.900	822.800	0.000	44190.000	73130.000	76370.000
X		76.307%	48.450	833.200	839.400	0.000	44330.000	72770.000	76530.000
σ		0.276%	0.139	6.989	18.460	0.000	192.200	532.100	473.600
%RSD		0.362	0.287	0.839	2.200	0.000	0.434	0.731	0.619
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:37:50	98900.000	11020.000	0.000	54670.000	72830.000	73780.000	79.974%	1514.000
2	19:38:33	98130.000	10890.000	0.000	53800.000	72290.000	74560.000	78.507%	1535.000
3	19:39:16	98020.000	10890.000	0.000	54150.000	74220.000	75890.000	77.615%	1528.000
X		98350.000	10930.000	0.000	54210.000	73120.000	74740.000	78.699%	1526.000
σ		479.500	73.330	0.000	441.700	996.900	1065.000	1.191%	10.900
%RSD		0.487	0.671	0.000	0.815	1.363	1.425	1.514	0.714
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:37:50	671.600	354.600	3270.000	260500.000	267500.000	603.700	715.800	438.900
2	19:38:33	680.900	361.300	3287.000	260500.000	267500.000	603.500	720.900	442.900
3	19:39:16	678.500	360.100	3321.000	263300.000	271000.000	606.100	723.600	445.300
X		677.000	358.700	3293.000	261500.000	268600.000	604.400	720.100	442.400
σ		4.830	3.568	25.540	1619.000	2051.000	1.468	3.959	3.223
%RSD		0.713	0.995	0.776	0.619	0.763	0.243	0.550	0.729
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:37:50	437.500	1032.000	1049.000	165.500	11.580	14.790	0.000	1082.000
2	19:38:33	440.300	1043.000	1056.000	165.700	11.230	15.410	0.000	1087.000
3	19:39:16	447.400	1051.000	1067.000	168.600	11.190	15.900	0.000	1109.000
X		441.800	1042.000	1057.000	166.600	11.330	15.370	0.000	1093.000
σ		5.106	9.668	8.991	1.760	0.211	0.558	0.000	13.950
%RSD		1.156	0.928	0.850	1.057	1.862	3.630	0.000	1.277
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:37:50	0.000	964.600	962.900	71.495%	46.780	46.740	47.460	42.470
2	19:38:33	0.000	978.800	980.100	72.643%	47.380	47.120	47.560	43.010
3	19:39:16	0.000	988.000	967.600	72.566%	47.250	47.300	47.800	41.750
X		0.000	977.200	970.200	72.235%	47.140	47.050	47.610	42.410
σ		0.000	11.820	8.842	0.642%	0.315	0.284	0.173	0.632
%RSD		0.000	1.209	0.911	0.889	0.667	0.603	0.364	1.490
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:37:50	74.732%	1829.000	410.300	408.000	2260.000	2259.000	83.998%	86.694%
2	19:38:33	75.940%	1854.000	417.100	416.700	2282.000	2280.000	86.133%	89.130%
3	19:39:16	76.633%	1861.000	420.800	416.300	2296.000	2301.000	86.499%	90.068%
X		75.768%	1848.000	416.100	413.700	2279.000	2280.000	85.543%	88.631%
σ		0.962%	16.660	5.314	4.925	17.940	21.300	1.351%	1.742%
%RSD		1.270	0.901	1.277	1.190	0.787	0.934	1.579	1.965
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	19:37:50	48.950	49.150	136.600	134.900	135.600	71.670%		
2	19:38:33	48.990	49.120	136.400	135.200	136.000	74.234%		
3	19:39:16	49.310	49.650	137.300	135.500	136.900	75.192%		
X		49.080	49.310	136.700	135.200	136.200	73.699%		
σ		0.196	0.295	0.481	0.269	0.682	1.821%		
%RSD		0.400	0.599	0.352	0.199	0.501	2.470		

CCV 664806 12/22/2012 7:44:22 PM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:45:05	79.002%	97.790	97.750	97.520	0.000	49480.000	45970.000	47120.000
2	19:45:48	79.386%	91.600	90.280	91.870	0.000	46670.000	43640.000	44620.000
3	19:46:31	75.434%	99.870	99.480	100.600	0.000	49840.000	47100.000	48050.000
X		77.941%	96.419%	95.838%	96.653%	0.000	97.329%	91.144%	93.197%
σ		2.179%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		2.796	4.463	5.100	4.568	0.000	3.577	3.875	3.808
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:45:05	479.500	5057.000	0.000	48600.000	47830.000	48960.000	87.750%	96.560
2	19:45:48	443.900	4704.000	0.000	44900.000	45540.000	46650.000	89.022%	92.460
3	19:46:31	466.800	5083.000	0.000	48680.000	49150.000	49880.000	84.885%	99.020
X		92.674%	98.962%	0.000	94.784%	95.016%	96.995%	87.219%	96.013%
σ		n/a	n/a	0.000	n/a	n/a	n/a	2.119%	n/a
%RSD		3.890	4.272	0.000	4.556	3.845	3.433	2.430	3.451
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:45:05	96.790	98.120	514.800	25700.000	25490.000	97.370	97.750	96.270
2	19:45:48	90.790	91.590	476.000	23700.000	23700.000	89.430	89.850	89.830
3	19:46:31	99.900	99.990	517.500	26100.000	25780.000	98.940	97.820	98.130
X		95.825%	96.569%	100.554%	100.676%	99.965%	95.249%	95.139%	94.745%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		4.832	4.565	4.616	5.111	4.512	5.353	4.818	4.596
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:45:05	96.510	101.300	101.700	97.350	101.300	101.200	0.000	95.910
2	19:45:48	89.050	93.020	93.920	89.430	93.470	94.230	0.000	88.600
3	19:46:31	97.260	101.500	101.800	99.200	103.300	102.700	0.000	96.330
X		94.276%	98.611%	99.137%	95.326%	99.332%	99.378%	0.000	93.614%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		4.813	4.913	4.558	5.445	5.210	4.541	0.000	4.645
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:45:05	85.238%	96.650	97.680	80.113%	98.320	98.040	100.400	100.800
2	19:45:48	89.257%	92.830	93.820	82.685%	91.190	92.030	94.430	94.930
3	19:46:31	86.265%	100.600	102.400	79.933%	99.590	99.960	102.200	102.900
X		86.920%	96.705%	97.980%	80.910%	96.366%	96.679%	98.985%	99.525%
σ		2.088%	n/a	n/a	1.540%	n/a	n/a	n/a	n/a
%RSD		2.402	4.039	4.402	1.903	4.699	4.279	4.083	4.138
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:45:05	82.253%	97.620	96.710	96.440	96.280	95.540	86.242%	86.540%
2	19:45:48	86.449%	91.460	91.280	91.010	88.660	89.220	90.690%	91.609%
3	19:46:31	83.808%	98.940	98.450	98.910	95.800	96.830	88.846%	89.643%
X		84.170%	96.007%	95.484%	95.453%	93.580%	93.863%	88.593%	89.264%
σ		2.122%	n/a	n/a	n/a	n/a	n/a	2.235%	2.556%
%RSD		2.521	4.159	3.918	4.234	4.563	4.342	2.523	2.863
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	19:45:05	93.530	93.400	93.620	93.910	93.430	83.664%		
2	19:45:48	89.140	89.000	89.600	89.490	89.460	87.600%		
3	19:46:31	96.440	95.820	96.560	96.500	96.330	85.826%		
X		93.040%	92.738%	93.261%	93.301%	93.074%	85.697%		
σ		n/a	n/a	n/a	n/a	n/a	1.971%		
%RSD		3.949	3.729	3.746	3.804	3.703	2.300		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:53:04	94.363%	0.006	2.029	1.905	0.000	1.098	2.161	1.817
2	19:53:47	92.794%	-0.015	1.611	1.755	0.000	0.565	1.792	1.666
3	19:54:30	93.138%	-0.002	1.759	1.669	0.000	0.852	1.872	1.657
X		93.431%	-0.004	1.800	1.777	0.000	0.838	1.941	1.713
σ		0.825%	0.011	0.212	0.120	0.000	0.267	0.194	0.090
%RSD		0.883	290.200	11.780	6.726	0.000	31.840	9.981	5.246
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:53:04	0.728	-1.501	0.000	-5.895	1.057	0.580	105.340%	0.016
2	19:53:47	-0.087	-2.372	0.000	-6.762	2.941	0.960	104.063%	-0.020
3	19:54:30	-0.032	-2.096	0.000	-6.743	1.670	2.057	102.864%	-0.048
X		0.203	-1.989	0.000	-6.467	1.889	1.199	104.089%	-0.017
σ		0.455	0.445	0.000	0.495	0.961	0.767	1.238%	0.032
%RSD		224.100	22.380	0.000	7.655	50.890	63.970	1.189	187.700
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:53:04	0.011	-0.017	0.478	6.055	11.970	-0.007	-0.026	-0.039
2	19:53:47	0.024	-0.003	0.433	2.737	9.015	-0.006	-0.005	-0.058
3	19:54:30	0.024	-0.019	0.429	0.597	6.882	-0.003	-0.027	-0.034
X		0.020	-0.013	0.447	3.130	9.289	-0.005	-0.019	-0.044
σ		0.007	0.009	0.027	2.750	2.555	0.002	0.012	0.013
%RSD		37.350	66.340	6.107	87.870	27.500	42.550	62.880	29.840
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:53:04	-0.042	-0.406	-0.292	-0.096	0.011	-0.225	0.000	0.010
2	19:53:47	-0.051	-0.365	-0.170	-0.217	-0.000	-1.073	0.000	0.004
3	19:54:30	-0.067	-0.261	-0.215	-0.195	0.087	-0.853	0.000	0.004
X		-0.053	-0.344	-0.226	-0.169	0.032	-0.717	0.000	0.006
σ		0.012	0.075	0.061	0.064	0.048	0.440	0.000	0.003
%RSD		23.180	21.700	27.180	38.090	146.400	61.350	0.000	55.590
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:53:04	89.075%	0.440	0.446	93.378%	-0.006	-0.001	0.029	0.027
2	19:53:47	89.409%	0.416	0.367	93.525%	0.001	0.000	0.028	0.001
3	19:54:30	90.269%	0.330	0.296	93.140%	0.000	-0.002	0.018	0.016
X		89.584%	0.395	0.370	93.348%	-0.002	-0.001	0.025	0.015
σ		0.616%	0.058	0.075	0.194%	0.004	0.001	0.006	0.013
%RSD		0.687	14.620	20.300	0.208	225.400	118.800	25.530	87.600
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:53:04	92.652%	-0.114	-0.007	-0.006	0.003	0.000	96.086%	96.545%
2	19:53:47	94.276%	-0.236	-0.004	0.029	-0.030	-0.003	97.753%	98.296%
3	19:54:30	93.951%	-0.203	-0.008	0.010	-0.033	0.003	98.158%	99.329%
X		93.626%	-0.184	-0.006	0.011	-0.020	-0.000	97.332%	98.057%
σ		0.859%	0.063	0.002	0.018	0.020	0.003	1.098%	1.408%
%RSD		0.918	34.130	33.620	158.500	99.670	6309.000	1.128	1.436
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	19:53:04	0.047	0.040	0.091	0.073	0.078	101.599%		
2	19:53:47	0.046	0.047	0.062	0.057	0.062	102.639%		
3	19:54:30	0.043	0.043	0.052	0.062	0.058	103.650%		
X		0.045	0.044	0.068	0.064	0.066	102.629%		
σ		0.002	0.004	0.020	0.008	0.010	1.025%		
%RSD		4.301	8.597	29.800	13.060	15.710	0.999		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:57:25	78.438%	6.547	43.230	43.890	0.000	701.600	49370.000	51160.000
2	19:58:08	75.256%	6.331	44.800	45.270	0.000	686.900	49160.000	51400.000
3	19:58:51	74.974%	6.291	44.060	45.260	0.000	690.100	49060.000	51120.000
X		76.223%	6.390	44.030	44.810	0.000	692.900	49200.000	51230.000
σ		1.923%	0.138	0.786	0.792	0.000	7.712	159.600	147.900
%RSD		2.523	2.158	1.785	1.767	0.000	1.113	0.324	0.289
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:57:25	113200.000	1593.000	0.000	16870.000	117300.000	121200.000	93.021%	420.600
2	19:58:08	115200.000	1605.000	0.000	17120.000	119400.000	122200.000	90.778%	426.700
3	19:58:51	114000.000	1592.000	0.000	16740.000	116300.000	119800.000	89.783%	419.100
X		114100.000	1597.000	0.000	16910.000	117700.000	121100.000	91.194%	422.100
σ		998.900	6.900	0.000	188.700	1544.000	1179.000	1.659%	4.015
%RSD		0.875	0.432	0.000	1.116	1.312	0.974	1.819	0.951
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:57:25	179.000	190.400	3718.000	269500.000	282100.000	124.900	287.900	195.100
2	19:58:08	182.100	194.000	3775.000	273900.000	286000.000	125.800	292.400	198.600
3	19:58:51	179.600	190.700	3742.000	271000.000	282700.000	124.400	289.300	197.500
X		180.300	191.700	3745.000	271500.000	283600.000	125.000	289.900	197.100
σ		1.657	1.982	28.570	2243.000	2070.000	0.747	2.303	1.788
%RSD		0.919	1.034	0.763	0.826	0.730	0.597	0.794	0.907
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:57:25	197.100	641.000	651.900	155.000	2.315	5.108	0.000	198.400
2	19:58:08	200.000	650.400	660.200	155.400	2.525	4.827	0.000	201.900
3	19:58:51	196.700	645.700	654.300	153.000	2.529	5.014	0.000	199.900
X		198.000	645.700	655.500	154.500	2.456	4.983	0.000	200.100
σ		1.812	4.727	4.265	1.260	0.123	0.143	0.000	1.759
%RSD		0.915	0.732	0.651	0.816	5.001	2.871	0.000	0.879
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:57:25	0.000	13.320	13.340	79.087%	0.283	0.167	1.972	1.567
2	19:58:08	0.000	13.400	13.740	79.750%	0.284	0.181	2.126	1.609
3	19:58:51	0.000	13.460	13.520	80.761%	0.279	0.183	1.995	1.548
X		0.000	13.390	13.530	79.866%	0.282	0.177	2.031	1.575
σ		0.000	0.068	0.201	0.843%	0.003	0.008	0.083	0.031
%RSD		0.000	0.504	1.487	1.055	0.943	4.770	4.078	1.972
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:57:25	83.039%	7.912	0.775	0.855	558.400	557.100	90.388%	88.398%
2	19:58:08	84.986%	7.712	0.801	0.776	560.000	559.800	93.054%	91.403%
3	19:58:51	86.080%	7.352	0.711	0.729	557.000	554.300	94.743%	93.118%
X		84.702%	7.659	0.762	0.787	558.500	557.100	92.728%	90.973%
σ		1.540%	0.284	0.046	0.064	1.476	2.771	2.196%	2.389%
%RSD		1.818	3.705	6.095	8.108	0.264	0.497	2.368	2.626
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	19:57:25	1.765	1.828	127.900	126.200	127.200	76.896%		
2	19:58:08	1.801	1.812	129.400	127.400	128.200	78.733%		
3	19:58:51	1.753	1.775	127.100	125.900	126.400	81.216%		
X		1.773	1.805	128.200	126.500	127.300	78.948%		
σ		0.025	0.027	1.158	0.766	0.902	2.168%		
%RSD		1.386	1.514	0.904	0.606	0.709	2.746		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:01:43	80.973%	5.659	38.540	39.540	0.000	612.600	39560.000	40870.000
2	20:02:26	77.962%	5.556	38.240	39.960	0.000	608.400	39440.000	40870.000
3	20:03:09	78.014%	5.732	40.120	39.100	0.000	596.300	39320.000	41300.000
X		78.983%	5.649	38.970	39.530	0.000	605.800	39440.000	41020.000
σ		1.723%	0.088	1.007	0.427	0.000	8.458	120.300	248.900
%RSD		2.182	1.560	2.584	1.080	0.000	1.396	0.305	0.607
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:01:43	108700.000	2059.000	0.000	14100.000	30820.000	31810.000	95.154%	431.100
2	20:02:26	108700.000	2038.000	0.000	13990.000	30920.000	31940.000	90.759%	432.200
3	20:03:09	108400.000	2025.000	0.000	13990.000	30800.000	32040.000	89.897%	437.100
X		108600.000	2041.000	0.000	14030.000	30850.000	31930.000	91.936%	433.500
σ		195.300	17.340	0.000	65.210	64.900	118.100	2.819%	3.176
%RSD		0.180	0.850	0.000	0.465	0.210	0.370	3.067	0.733
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:01:43	167.000	176.500	3286.000	271400.000	283000.000	105.100	259.000	204.700
2	20:02:26	168.400	179.300	3323.000	272600.000	283700.000	105.200	258.000	204.500
3	20:03:09	168.500	177.600	3340.000	273500.000	285700.000	105.400	258.200	205.500
X		168.000	177.800	3316.000	272500.000	284200.000	105.200	258.400	204.900
σ		0.862	1.403	27.260	1039.000	1402.000	0.191	0.543	0.529
%RSD		0.513	0.789	0.822	0.381	0.493	0.181	0.210	0.258
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:01:43	205.500	608.600	616.000	155.600	2.685	5.129	0.000	116.600
2	20:02:26	207.400	620.500	629.300	158.600	2.376	4.929	0.000	118.100
3	20:03:09	206.200	617.600	632.100	158.600	2.534	4.724	0.000	118.300
X		206.400	615.500	625.800	157.600	2.532	4.927	0.000	117.700
σ		0.938	6.213	8.596	1.753	0.155	0.203	0.000	0.925
%RSD		0.454	1.009	1.374	1.112	6.102	4.113	0.000	0.786
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:01:43	0.000	10.980	11.070	81.694%	0.322	0.176	1.652	1.225
2	20:02:26	0.000	11.200	11.280	79.936%	0.304	0.210	1.656	1.206
3	20:03:09	0.000	11.090	11.250	79.507%	0.280	0.186	1.534	1.190
X		0.000	11.090	11.200	80.379%	0.302	0.191	1.614	1.207
σ		0.000	0.107	0.111	1.159%	0.021	0.017	0.069	0.017
%RSD		0.000	0.969	0.995	1.441	6.960	9.150	4.292	1.434
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:01:43	85.032%	9.386	0.792	0.940	448.100	446.800	92.604%	91.507%
2	20:02:26	84.390%	9.142	0.839	0.802	445.900	447.800	92.672%	91.415%
3	20:03:09	83.130%	9.285	0.850	0.907	452.500	450.200	92.511%	91.480%
X		84.184%	9.271	0.827	0.883	448.800	448.300	92.596%	91.467%
σ		0.967%	0.122	0.031	0.072	3.388	1.757	0.081%	0.048%
%RSD		1.149	1.321	3.727	8.192	0.755	0.392	0.087	0.052
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	20:01:43	1.514	1.521	136.000	134.700	135.400	79.146%		
2	20:02:26	1.542	1.529	137.000	136.800	136.600	80.018%		
3	20:03:09	1.608	1.532	137.500	136.600	136.800	79.292%		
X		1.555	1.528	136.800	136.000	136.300	79.485%		
σ		0.048	0.006	0.779	1.175	0.757	0.467%		
%RSD		3.108	0.380	0.570	0.864	0.555	0.588		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:06:00	80.106%	6.583	50.670	51.960	0.000	672.200	50420.000	52310.000
2	20:06:43	78.644%	6.562	52.430	52.690	0.000	666.500	50250.000	52820.000
3	20:07:26	78.946%	6.767	50.620	52.180	0.000	664.600	49980.000	52280.000
x		79.232%	6.638	51.240	52.280	0.000	667.800	50220.000	52470.000
σ		0.772%	0.113	1.032	0.377	0.000	3.954	218.900	300.800
%RSD		0.974	1.698	2.013	0.722	0.000	0.592	0.436	0.573
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:06:00	118700.000	2325.000	0.000	16860.000	140200.000	144900.000	91.650%	728.700
2	20:06:43	121300.000	2321.000	0.000	16980.000	142600.000	145900.000	90.066%	743.000
3	20:07:26	119000.000	2306.000	0.000	16770.000	141800.000	145300.000	89.841%	738.800
x		119700.000	2317.000	0.000	16870.000	141500.000	145300.000	90.519%	736.800
σ		1425.000	9.869	0.000	105.500	1198.000	500.200	0.986%	7.342
%RSD		1.190	0.426	0.000	0.625	0.846	0.344	1.089	0.996
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:06:00	205.800	200.200	3505.000	252900.000	263400.000	117.600	285.400	176.700
2	20:06:43	209.200	204.700	3579.000	256000.000	264500.000	117.300	285.700	179.100
3	20:07:26	206.200	202.800	3549.000	253100.000	261400.000	117.200	280.500	176.600
x		207.100	202.600	3544.000	254000.000	263100.000	117.400	283.900	177.500
σ		1.854	2.286	37.180	1728.000	1578.000	0.210	2.898	1.388
%RSD		0.895	1.128	1.049	0.680	0.600	0.179	1.021	0.782
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:06:00	178.300	543.700	553.500	104.700	2.794	5.152	0.000	258.600
2	20:06:43	181.500	553.900	561.600	106.400	2.930	5.380	0.000	264.100
3	20:07:26	177.000	550.000	562.300	106.900	3.144	5.623	0.000	267.000
x		179.000	549.200	559.100	106.000	2.956	5.385	0.000	263.300
σ		2.293	5.153	4.915	1.189	0.176	0.235	0.000	4.250
%RSD		1.281	0.938	0.879	1.122	5.965	4.370	0.000	1.614
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:06:00	0.000	15.360	15.020	77.786%	0.371	0.180	2.271	1.740
2	20:06:43	0.000	15.490	15.350	78.259%	0.342	0.192	2.277	1.644
3	20:07:26	0.000	15.010	15.240	78.280%	0.344	0.211	2.157	1.708
x		0.000	15.290	15.200	78.108%	0.352	0.195	2.235	1.697
σ		0.000	0.248	0.171	0.279%	0.016	0.016	0.068	0.049
%RSD		0.000	1.620	1.125	0.357	4.663	8.084	3.032	2.897
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:06:00	81.755%	8.802	0.731	0.732	730.800	723.500	89.738%	88.563%
2	20:06:43	83.025%	9.026	0.786	0.812	736.800	737.300	92.344%	91.124%
3	20:07:26	84.136%	9.059	0.764	0.752	731.300	730.200	93.111%	92.036%
x		82.972%	8.962	0.760	0.765	733.000	730.300	91.731%	90.574%
σ		1.192%	0.140	0.028	0.042	3.351	6.920	1.768%	1.800%
%RSD		1.436	1.558	3.682	5.459	0.457	0.948	1.927	1.988
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	20:06:00	1.772	1.809	133.700	131.400	132.200	74.119%		
2	20:06:43	1.821	1.838	135.200	133.300	134.000	76.692%		
3	20:07:26	1.789	1.808	134.200	132.600	132.900	78.294%		
x		1.794	1.818	134.400	132.400	133.000	76.368%		
σ		0.025	0.017	0.726	0.975	0.902	2.107%		
%RSD		1.396	0.933	0.540	0.736	0.678	2.758		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:10:17	74.705%	6.315	65.180	68.060	0.000	830.600	69730.000	73010.000
2	20:11:00	73.245%	6.384	65.720	66.950	0.000	822.000	69190.000	73340.000
3	20:11:43	71.154%	6.372	65.630	66.740	0.000	808.000	69990.000	74190.000
x		73.035%	6.357	65.510	67.250	0.000	820.200	69640.000	73520.000
σ		1.785%	0.037	0.289	0.712	0.000	11.390	408.900	608.800
%RSD		2.444	0.581	0.441	1.058	0.000	1.388	0.587	0.828
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:10:17	120300.000	2764.000	0.000	18800.000	276200.000	268100.000	84.221%	881.700
2	20:11:00	120200.000	2727.000	0.000	18260.000	274400.000	272200.000	81.466%	884.300
3	20:11:43	122500.000	2776.000	0.000	18850.000	279500.000	272500.000	79.188%	886.000
x		121000.000	2756.000	0.000	18640.000	276700.000	270900.000	81.625%	884.000
σ		1310.000	25.370	0.000	324.500	2573.000	2465.000	2.520%	2.191
%RSD		1.083	0.921	0.000	1.741	0.930	0.910	3.088	0.248
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:10:17	215.100	205.300	4056.000	275700.000	287800.000	126.600	298.300	190.700
2	20:11:00	214.300	204.500	4113.000	276700.000	287800.000	125.800	295.800	189.600
3	20:11:43	217.700	206.100	4135.000	282100.000	293000.000	127.200	298.700	191.600
x		215.700	205.300	4101.000	278200.000	289500.000	126.600	297.600	190.600
σ		1.753	0.791	40.650	3441.000	2988.000	0.683	1.561	1.026
%RSD		0.813	0.385	0.991	1.237	1.032	0.539	0.525	0.538
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:10:17	193.500	573.700	588.200	108.200	3.309	5.235	0.000	529.100
2	20:11:00	191.900	582.300	590.200	107.600	2.765	5.835	0.000	534.400
3	20:11:43	193.400	590.100	599.900	108.500	2.864	6.070	0.000	538.100
x		192.900	582.100	592.800	108.100	2.979	5.713	0.000	533.900
σ		0.907	8.212	6.259	0.456	0.290	0.430	0.000	4.529
%RSD		0.470	1.411	1.056	0.421	9.725	7.530	0.000	0.848
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:10:17	0.000	15.980	16.110	72.741%	0.429	0.278	2.377	1.765
2	20:11:00	0.000	16.330	16.320	73.006%	0.439	0.276	2.202	1.687
3	20:11:43	0.000	16.660	16.520	73.072%	0.413	0.254	2.118	1.723
x		0.000	16.320	16.320	72.940%	0.427	0.269	2.233	1.725
σ		0.000	0.342	0.204	0.175%	0.013	0.013	0.132	0.039
%RSD		0.000	2.098	1.248	0.240	3.059	4.884	5.903	2.271
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:10:17	78.328%	9.522	0.757	0.832	745.100	743.500	86.025%	84.631%
2	20:11:00	78.882%	9.718	0.725	0.800	753.100	753.200	88.581%	87.441%
3	20:11:43	79.751%	9.374	0.780	0.816	747.600	743.700	89.989%	88.659%
x		78.987%	9.538	0.754	0.816	748.600	746.800	88.199%	86.910%
σ		0.717%	0.173	0.028	0.016	4.124	5.555	2.010%	2.066%
%RSD		0.908	1.809	3.673	1.953	0.551	0.744	2.279	2.377
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	20:10:17	1.954	1.908	131.600	129.100	130.400	72.360%		
2	20:11:00	1.974	1.992	133.800	131.300	132.200	73.966%		
3	20:11:43	1.943	1.933	133.000	130.500	131.300	75.638%		
x		1.957	1.944	132.800	130.300	131.300	73.988%		
σ		0.016	0.044	1.091	1.133	0.913	1.639%		
%RSD		0.802	2.241	0.822	0.870	0.696	2.215		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:14:35	68.754%	6.509	69.490	70.920	0.000	978.100	74390.000	79300.000
2	20:15:18	66.921%	6.378	70.660	72.610	0.000	983.100	74410.000	78840.000
3	20:16:01	65.483%	6.347	69.610	73.350	0.000	993.200	76350.000	81080.000
X		67.053%	6.412	69.920	72.290	0.000	984.800	75050.000	79740.000
σ		1.640%	0.086	0.640	1.249	0.000	7.653	1126.000	1183.000
%RSD		2.445	1.344	0.916	1.728	0.000	0.777	1.501	1.484
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:14:35	124600.000	1690.000	0.000	21690.000	361900.000	348400.000	78.254%	678.100
2	20:15:18	124500.000	1691.000	0.000	21580.000	363300.000	352300.000	76.858%	666.100
3	20:16:01	127600.000	1703.000	0.000	21790.000	369700.000	357600.000	73.969%	687.800
X		125600.000	1695.000	0.000	21690.000	364900.000	352800.000	76.360%	677.300
σ		1800.000	7.505	0.000	109.100	4182.000	4615.000	2.186%	10.860
%RSD		1.434	0.443	0.000	0.503	1.146	1.308	2.862	1.604
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:14:35	209.000	216.800	3979.000	302400.000	314500.000	125.100	301.700	213.100
2	20:15:18	209.000	214.800	3985.000	298600.000	312600.000	124.500	297.000	210.900
3	20:16:01	218.400	221.200	4052.000	308100.000	322800.000	127.800	304.900	217.300
X		212.100	217.600	4005.000	303000.000	316600.000	125.800	301.200	213.800
σ		5.407	3.274	40.710	4779.000	5462.000	1.735	3.997	3.218
%RSD		2.549	1.505	1.016	1.577	1.725	1.379	1.327	1.505
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:14:35	215.400	659.900	671.900	148.700	2.605	4.395	0.000	592.800
2	20:15:18	214.000	663.700	675.400	151.600	2.598	5.401	0.000	599.000
3	20:16:01	219.900	681.100	694.500	154.900	2.768	5.369	0.000	613.200
X		216.400	668.200	680.600	151.700	2.657	5.055	0.000	601.700
σ		3.056	11.320	12.200	3.108	0.096	0.572	0.000	10.470
%RSD		1.412	1.693	1.793	2.049	3.624	11.310	0.000	1.740
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:14:35	0.000	15.420	15.380	70.750%	0.405	0.287	1.990	1.446
2	20:15:18	0.000	15.610	15.630	70.422%	0.433	0.275	1.903	1.450
3	20:16:01	0.000	15.960	15.680	70.200%	0.463	0.301	1.982	1.540
X		0.000	15.660	15.560	70.458%	0.434	0.287	1.958	1.479
σ		0.000	0.271	0.163	0.276%	0.029	0.013	0.048	0.053
%RSD		0.000	1.730	1.046	0.392	6.690	4.614	2.467	3.578
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:14:35	76.261%	7.736	0.627	0.713	705.900	703.500	84.761%	83.744%
2	20:15:18	77.243%	7.859	0.684	0.637	704.500	705.200	87.133%	85.849%
3	20:16:01	76.395%	7.802	0.640	0.697	720.200	720.300	86.838%	85.677%
X		76.633%	7.799	0.650	0.682	710.200	709.700	86.244%	85.090%
σ		0.533%	0.061	0.030	0.040	8.716	9.238	1.293%	1.169%
%RSD		0.695	0.787	4.642	5.863	1.227	1.302	1.499	1.374
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	20:14:35	1.988	1.971	137.700	135.600	136.900	72.232%		
2	20:15:18	1.996	2.027	139.500	137.600	138.900	73.524%		
3	20:16:01	2.049	2.119	142.800	140.400	141.800	73.603%		
X		2.011	2.039	140.000	137.900	139.200	73.120%		
σ		0.033	0.075	2.597	2.398	2.459	0.770%		
%RSD		1.654	3.667	1.855	1.739	1.766	1.053		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:18:53	64.737%	6.044	66.780	68.600	0.000	990.800	78960.000	83680.000
2	20:19:36	63.651%	5.605	66.430	66.580	0.000	961.500	77840.000	82840.000
3	20:20:19	63.291%	5.893	67.190	68.000	0.000	969.500	79260.000	84970.000
X		63.893%	5.847	66.800	67.730	0.000	974.000	78690.000	83830.000
σ		0.753%	0.223	0.382	1.037	0.000	15.150	749.700	1073.000
%RSD		1.178	3.813	0.573	1.531	0.000	1.556	0.953	1.280
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:18:53	113300.000	2141.000	0.000	19640.000	515200.000	496800.000	71.178%	885.300
2	20:19:36	113000.000	2114.000	0.000	19160.000	507500.000	494100.000	68.971%	876.600
3	20:20:19	114200.000	2145.000	0.000	19940.000	534000.000	520200.000	65.781%	906.700
X		113500.000	2134.000	0.000	19580.000	518900.000	503700.000	68.643%	889.500
σ		657.700	16.720	0.000	392.700	13630.000	14370.000	2.713%	15.490
%RSD		0.579	0.784	0.000	2.005	2.626	2.853	3.953	1.742
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:18:53	205.900	198.600	4148.000	265300.000	273000.000	114.300	277.800	172.900
2	20:19:36	206.400	198.900	4105.000	262400.000	269000.000	113.000	276.000	173.400
3	20:20:19	215.100	208.800	4286.000	273400.000	284600.000	118.600	285.700	177.700
X		209.100	202.100	4180.000	267100.000	275500.000	115.300	279.900	174.700
σ		5.169	5.836	94.350	5685.000	8108.000	2.956	5.170	2.632
%RSD		2.472	2.888	2.257	2.129	2.942	2.564	1.847	1.507
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:18:53	174.900	549.900	558.000	98.530	2.406	5.338	0.000	767.900
2	20:19:36	175.000	552.400	564.000	100.600	2.246	5.699	0.000	769.900
3	20:20:19	181.000	573.000	586.100	102.200	2.524	6.263	0.000	786.800
X		177.000	558.400	569.400	100.500	2.392	5.767	0.000	774.900
σ		3.493	12.650	14.770	1.846	0.140	0.466	0.000	10.360
%RSD		1.973	2.266	2.594	1.837	5.841	8.082	0.000	1.337
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:18:53	0.000	16.550	16.450	65.688%	0.453	0.239	2.149	1.670
2	20:19:36	0.000	16.480	16.240	66.246%	0.429	0.266	2.006	1.555
3	20:20:19	0.000	16.580	16.710	65.999%	0.435	0.262	2.080	1.571
X		0.000	16.530	16.470	65.977%	0.439	0.256	2.078	1.599
σ		0.000	0.050	0.239	0.279%	0.013	0.015	0.072	0.062
%RSD		0.000	0.301	1.453	0.424	2.909	5.711	3.448	3.886
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:18:53	72.290%	9.031	0.590	0.639	817.500	820.700	80.714%	79.792%
2	20:19:36	73.091%	8.986	0.591	0.596	815.300	813.900	83.251%	82.332%
3	20:20:19	73.406%	9.086	0.555	0.671	821.900	825.400	83.239%	82.943%
X		72.929%	9.035	0.579	0.635	818.200	820.000	82.401%	81.689%
σ		0.576%	0.050	0.020	0.038	3.349	5.791	1.461%	1.671%
%RSD		0.789	0.557	3.498	5.989	0.409	0.706	1.774	2.046
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	20:18:53	1.904	1.908	115.900	113.600	114.700	68.947%		
2	20:19:36	1.900	1.901	114.300	112.600	113.300	72.029%		
3	20:20:19	1.937	1.975	117.000	114.200	115.500	71.553%		
X		1.914	1.928	115.700	113.400	114.500	70.843%		
σ		0.021	0.041	1.351	0.825	1.092	1.659%		
%RSD		1.079	2.110	1.168	0.727	0.954	2.342		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:23:11	68.283%	6.817	80.330	81.370	0.000	881.400	66640.000	70890.000
2	20:23:55	67.985%	6.658	77.650	77.270	0.000	860.400	66550.000	70820.000
3	20:24:38	66.721%	6.593	77.660	81.500	0.000	880.800	67590.000	71850.000
X		67.663%	6.689	78.550	80.050	0.000	874.200	66930.000	71190.000
σ		0.829%	0.116	1.542	2.404	0.000	11.950	572.600	577.400
%RSD		1.225	1.728	1.964	3.003	0.000	1.367	0.856	0.811
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:23:11	122500.000	2151.000	0.000	20540.000	341600.000	331900.000	76.027%	792.900
2	20:23:55	120500.000	2104.000	0.000	20310.000	340800.000	332900.000	73.138%	788.900
3	20:24:38	123600.000	2141.000	0.000	20600.000	346000.000	336900.000	72.491%	790.400
X		122200.000	2132.000	0.000	20480.000	342800.000	333900.000	73.885%	790.700
σ		1567.000	24.860	0.000	149.300	2791.000	2621.000	1.882%	2.000
%RSD		1.282	1.166	0.000	0.729	0.814	0.785	2.548	0.253
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:23:11	215.300	211.300	3969.000	255100.000	261500.000	108.000	288.600	169.400
2	20:23:55	217.000	211.900	4030.000	258900.000	264600.000	108.700	287.600	170.000
3	20:24:38	219.800	213.400	4057.000	259400.000	268000.000	110.500	289.400	172.300
X		217.400	212.200	4019.000	257800.000	264700.000	109.100	288.500	170.600
σ		2.290	1.049	45.360	2334.000	3278.000	1.295	0.881	1.517
%RSD		1.053	0.494	1.129	0.905	1.239	1.187	0.305	0.890
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:23:11	171.100	542.200	550.500	90.330	2.651	5.662	0.000	585.700
2	20:23:55	173.200	556.200	564.100	92.220	2.967	5.422	0.000	601.500
3	20:24:38	172.600	554.100	563.000	92.130	2.566	5.116	0.000	600.000
X		172.300	550.900	559.200	91.560	2.728	5.400	0.000	595.700
σ		1.083	7.542	7.529	1.066	0.211	0.274	0.000	8.689
%RSD		0.629	1.369	1.346	1.164	7.745	5.071	0.000	1.458
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:23:11	0.000	14.600	14.450	69.422%	0.466	0.321	2.345	1.775
2	20:23:55	0.000	14.770	14.700	69.001%	0.464	0.326	2.269	1.741
3	20:24:38	0.000	14.820	14.970	68.879%	0.458	0.308	2.311	1.710
X		0.000	14.730	14.710	69.101%	0.463	0.319	2.309	1.742
σ		0.000	0.113	0.258	0.285%	0.004	0.009	0.038	0.032
%RSD		0.000	0.769	1.754	0.412	0.966	2.865	1.659	1.844
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:23:11	73.981%	8.969	0.666	0.747	738.400	739.500	84.254%	83.072%
2	20:23:55	74.307%	8.930	0.705	0.721	748.200	743.700	85.796%	85.097%
3	20:24:38	74.726%	9.176	0.705	0.717	747.100	747.800	86.240%	85.495%
X		74.338%	9.025	0.692	0.728	744.600	743.700	85.430%	84.555%
σ		0.374%	0.132	0.023	0.017	5.347	4.123	1.042%	1.299%
%RSD		0.503	1.466	3.274	2.273	0.718	0.554	1.220	1.536
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	20:23:11	1.886	1.912	143.300	140.700	142.300	71.482%		
2	20:23:55	1.928	1.944	144.600	142.300	143.500	73.048%		
3	20:24:38	1.867	1.931	145.800	144.800	145.200	72.859%		
X		1.893	1.929	144.600	142.600	143.700	72.463%		
σ		0.031	0.016	1.247	2.049	1.474	0.855%		
%RSD		1.653	0.811	0.863	1.437	1.026	1.180		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:27:31	67.831%	6.917	99.480	100.300	0.000	1075.000	79570.000	84610.000
2	20:28:13	64.681%	6.607	100.600	101.200	0.000	1107.000	80820.000	86620.000
3	20:28:57	64.102%	6.921	100.100	100.000	0.000	1078.000	79230.000	84950.000
X		65.538%	6.815	100.100	100.500	0.000	1087.000	79870.000	85390.000
σ		2.007%	0.180	0.566	0.597	0.000	17.460	837.900	1072.000
%RSD		3.062	2.642	0.566	0.594	0.000	1.607	1.049	1.256
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:27:31	135200.000	2508.000	0.000	26990.000	327400.000	316300.000	75.182%	836.400
2	20:28:13	138400.000	2517.000	0.000	26640.000	320600.000	315900.000	73.315%	842.200
3	20:28:57	134300.000	2447.000	0.000	26160.000	319300.000	311400.000	71.857%	824.200
X		136000.000	2491.000	0.000	26600.000	322400.000	314500.000	73.451%	834.300
σ		2140.000	38.500	0.000	420.800	4359.000	2735.000	1.667%	9.203
%RSD		1.574	1.546	0.000	1.582	1.352	0.870	2.269	1.103
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:27:31	237.200	230.000	4358.000	297100.000	307700.000	128.100	309.800	204.200
2	20:28:13	236.900	231.400	4388.000	299200.000	310300.000	126.700	307.300	204.800
3	20:28:57	236.200	227.600	4284.000	291500.000	304000.000	126.600	303.900	201.900
X		236.800	229.700	4343.000	295900.000	307300.000	127.100	307.000	203.600
σ		0.475	1.909	53.460	3994.000	3179.000	0.860	2.981	1.522
%RSD		0.201	0.831	1.231	1.350	1.034	0.676	0.971	0.747
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:27:31	205.100	623.100	633.400	121.800	2.526	5.297	0.000	627.900
2	20:28:13	206.100	627.000	641.400	122.300	2.386	5.271	0.000	634.100
3	20:28:57	203.700	621.400	631.400	120.700	2.166	4.809	0.000	621.700
X		205.000	623.900	635.400	121.600	2.360	5.125	0.000	627.900
σ		1.215	2.881	5.292	0.809	0.182	0.275	0.000	6.218
%RSD		0.593	0.462	0.833	0.666	7.698	5.355	0.000	0.990
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:27:31	0.000	15.960	16.270	68.493%	0.399	0.218	2.023	1.498
2	20:28:13	0.000	16.220	16.310	68.534%	0.375	0.225	2.069	1.516
3	20:28:57	0.000	15.680	15.750	69.229%	0.385	0.226	1.810	1.373
X		0.000	15.950	16.110	68.752%	0.386	0.223	1.967	1.462
σ		0.000	0.269	0.314	0.414%	0.012	0.004	0.138	0.078
%RSD		0.000	1.684	1.950	0.602	3.053	1.875	7.027	5.326
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:27:31	73.541%	10.250	0.864	0.847	745.000	744.900	83.456%	81.832%
2	20:28:13	74.236%	10.410	0.807	0.850	746.500	743.800	84.822%	84.016%
3	20:28:57	75.561%	9.961	0.793	0.847	724.100	723.400	87.269%	86.008%
X		74.446%	10.210	0.821	0.848	738.500	737.300	85.182%	83.952%
σ		1.026%	0.227	0.037	0.002	12.500	12.080	1.932%	2.089%
%RSD		1.378	2.220	4.558	0.208	1.693	1.639	2.268	2.488
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	20:27:31	2.111	2.101	138.800	136.700	137.900	70.397%		
2	20:28:13	2.136	2.176	141.500	139.000	140.100	71.448%		
3	20:28:57	2.002	2.054	135.600	133.900	134.600	74.564%		
X		2.083	2.110	138.600	136.500	137.500	72.136%		
σ		0.071	0.062	2.952	2.576	2.766	2.167%		
%RSD		3.431	2.918	2.130	1.887	2.011	3.004		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	20:31:49	74.243%	5.003	50.320	50.070	0.000	647.100	49950.000	53170.000	
2	20:32:32	71.472%	4.798	50.950	52.740	0.000	661.600	50660.000	53880.000	
3	20:33:15	71.903%	4.905	51.490	51.930	0.000	646.400	50170.000	53800.000	
X		72.539%	4.902	50.920	51.580	0.000	651.700	50260.000	53620.000	
		σ	1.491%	0.102	0.587	1.369	0.000	8.579	366.400	393.800
		%RSD	2.056	2.085	1.153	2.655	0.000	1.316	0.729	0.734
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	20:31:49	93240.000	2389.000	0.000	15010.000	124600.000	131100.000	80.860%	588.500	
2	20:32:32	95330.000	2442.000	0.000	14940.000	123700.000	128700.000	80.363%	593.300	
3	20:33:15	94610.000	2423.000	0.000	14790.000	124700.000	129700.000	80.731%	605.700	
X		94390.000	2418.000	0.000	14910.000	124300.000	129800.000	80.651%	595.800	
		σ	1063.000	27.070	0.000	111.000	548.700	1199.000	0.258%	8.878
		%RSD	1.126	1.119	0.000	0.744	0.441	0.924	0.320	1.490
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	20:31:49	159.500	169.600	3141.000	253400.000	260300.000	99.660	244.600	181.700	
2	20:32:32	161.400	169.800	3185.000	255700.000	260600.000	99.890	242.200	180.500	
3	20:33:15	160.500	170.600	3202.000	256000.000	263400.000	99.510	244.200	182.000	
X		160.500	170.000	3176.000	255000.000	261400.000	99.690	243.700	181.400	
		σ	0.916	0.532	31.220	1452.000	0.192	1.284	0.752	
		%RSD	0.571	0.313	0.983	0.569	0.653	0.193	0.527	0.414
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	20:31:49	180.600	544.700	554.500	129.900	1.883	3.746	0.000	259.700	
2	20:32:32	184.100	546.500	561.900	132.400	1.881	3.906	0.000	264.000	
3	20:33:15	183.300	553.500	563.500	131.700	2.171	4.264	0.000	264.700	
X		182.700	548.200	560.000	131.300	1.978	3.972	0.000	262.800	
		σ	1.878	4.668	4.792	1.290	0.167	0.265	0.000	2.710
		%RSD	1.028	0.851	0.856	0.982	8.443	6.675	0.000	1.031
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	20:31:49	0.000	11.440	11.490	75.035%	0.349	0.263	1.784	1.323	
2	20:32:32	0.000	11.690	11.870	75.242%	0.345	0.261	1.611	1.156	
3	20:33:15	0.000	11.650	11.670	75.956%	0.341	0.237	1.578	1.180	
X		0.000	11.600	11.680	75.411%	0.345	0.253	1.658	1.220	
		σ	0.000	0.134	0.190	0.483%	0.004	0.014	0.111	0.090
		%RSD	0.000	1.153	1.623	0.641	1.206	5.601	6.670	7.386
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	20:31:49	78.715%	9.368	0.666	0.632	463.200	462.600	88.063%	87.554%	
2	20:32:32	80.197%	9.773	0.635	0.698	464.700	465.800	90.026%	89.141%	
3	20:33:15	80.006%	9.684	0.634	0.675	468.900	469.300	90.144%	89.452%	
X		79.639%	9.608	0.645	0.668	465.600	465.900	89.411%	88.715%	
		σ	0.806%	0.213	0.018	0.034	2.926	3.389	1.169%	1.018%
		%RSD	1.013	2.213	2.839	5.051	0.628	0.727	1.307	1.147
Run	Time	203TI	205TI	206Pb	207Pb	208Pb	209Bi			
		ppb	ppb	ppb	ppb	ppb	ppb			
1	20:31:49	1.473	1.521	110.500	108.700	109.800	76.225%			
2	20:32:32	1.477	1.513	112.900	110.400	111.700	77.855%			
3	20:33:15	1.476	1.504	111.900	109.600	110.500	78.713%			
X		1.475	1.513	111.800	109.600	110.700	77.598%			
		σ	0.002	0.009	1.223	0.852	0.968	1.264%		
		%RSD	0.135	0.566	1.094	0.777	0.874	1.629		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:36:08	76.430%	5.600	42.700	43.100	0.000	610.000	48280.000	50330.000
2	20:36:51	76.071%	5.864	42.820	43.960	0.000	603.300	48210.000	51220.000
3	20:37:34	76.009%	5.584	42.820	44.460	0.000	607.500	48340.000	50620.000
x		76.170%	5.683	42.780	43.840	0.000	607.000	48280.000	50720.000
σ		0.227%	0.157	0.067	0.688	0.000	3.418	64.920	458.400
%RSD		0.298	2.765	0.156	1.569	0.000	0.563	0.135	0.904
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:36:08	104400.000	2013.000	0.000	14340.000	85670.000	89780.000	88.900%	480.200
2	20:36:51	106000.000	2052.000	0.000	14300.000	86320.000	90140.000	88.107%	475.700
3	20:37:34	104500.000	2005.000	0.000	14380.000	86280.000	89330.000	87.683%	478.400
x		105000.000	2023.000	0.000	14340.000	86090.000	89750.000	88.230%	478.100
σ		903.600	25.430	0.000	41.410	366.400	407.300	0.617%	2.274
%RSD		0.861	1.257	0.000	0.289	0.426	0.454	0.700	0.476
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:36:08	164.600	178.900	3623.000	279900.000	294200.000	116.600	278.000	206.700
2	20:36:51	161.500	178.100	3667.000	283300.000	297400.000	117.500	281.500	208.100
3	20:37:34	164.400	178.400	3671.000	284400.000	298200.000	118.100	280.800	209.000
x		163.500	178.500	3653.000	282500.000	296600.000	117.400	280.100	207.900
σ		1.765	0.415	26.600	2309.000	2090.000	0.715	1.863	1.148
%RSD		1.080	0.233	0.728	0.817	0.705	0.609	0.665	0.552
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:36:08	206.700	627.200	630.600	160.300	2.390	4.015	0.000	169.100
2	20:36:51	207.700	632.000	642.900	162.700	2.208	4.312	0.000	171.100
3	20:37:34	209.900	637.700	643.800	162.700	2.263	4.929	0.000	172.000
x		208.100	632.300	639.100	161.900	2.287	4.419	0.000	170.700
σ		1.623	5.250	7.331	1.367	0.093	0.466	0.000	1.512
%RSD		0.780	0.830	1.147	0.844	4.086	10.550	0.000	0.885
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:36:08	0.000	10.780	10.750	78.006%	0.313	0.201	1.812	1.353
2	20:36:51	0.000	10.910	10.940	78.493%	0.313	0.186	1.883	1.362
3	20:37:34	0.000	10.920	11.080	78.912%	0.322	0.188	1.725	1.286
x		0.000	10.870	10.920	78.471%	0.316	0.192	1.807	1.334
σ		0.000	0.082	0.168	0.453%	0.005	0.008	0.079	0.042
%RSD		0.000	0.751	1.535	0.578	1.616	4.136	4.378	3.122
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:36:08	80.797%	7.376	0.726	0.722	470.900	468.900	88.438%	86.575%
2	20:36:51	82.085%	7.428	0.771	0.738	472.600	473.600	89.852%	88.520%
3	20:37:34	82.300%	7.369	0.741	0.806	472.400	474.300	91.065%	89.323%
x		81.727%	7.391	0.746	0.755	472.000	472.300	89.785%	88.139%
σ		0.812%	0.032	0.023	0.045	0.945	2.929	1.315%	1.413%
%RSD		0.994	0.438	3.117	5.894	0.200	0.620	1.465	1.603
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	20:36:08	1.457	1.401	136.900	136.700	137.000	75.761%		
2	20:36:51	1.439	1.457	139.000	137.000	138.400	77.213%		
3	20:37:34	1.487	1.502	138.700	137.700	138.200	78.157%		
x		1.461	1.453	138.200	137.100	137.900	77.044%		
σ		0.024	0.051	1.133	0.485	0.757	1.207%		
%RSD		1.650	3.496	0.820	0.354	0.549	1.567		

CCV 664806 12/22/2012 8:42:40 PM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:43:23	81.333%	96.720	89.760	90.190	0.000	48120.000	45170.000	46610.000
2	20:44:06	79.352%	97.020	88.980	90.910	0.000	47780.000	44450.000	46080.000
3	20:44:49	75.103%	99.830	94.580	95.810	0.000	50140.000	46580.000	48280.000
X		78.596%	97.856%	91.105%	92.306%	0.000	97.363%	90.800%	93.982%
σ		3.183%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		4.050	1.755	3.327	3.309	0.000	2.623	2.388	2.445
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:43:23	468.000	5051.000	0.000	49010.000	47540.000	49180.000	90.675%	95.600
2	20:44:06	457.700	5010.000	0.000	48100.000	48330.000	49560.000	87.944%	96.580
3	20:44:49	477.600	5176.000	0.000	50250.000	50080.000	51820.000	84.776%	101.400
X		93.554%	101.583%	0.000	98.235%	97.296%	100.371%	87.798%	97.844%
σ		n/a	n/a	0.000	n/a	n/a	n/a	2.952%	n/a
%RSD		2.118	1.707	0.000	2.196	2.670	2.852	3.362	3.145
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:43:23	95.180	95.620	502.000	25270.000	25100.000	95.210	95.010	94.980
2	20:44:06	96.610	96.420	511.400	25500.000	25370.000	96.250	96.060	95.540
3	20:44:49	100.600	101.500	531.100	26590.000	26450.000	99.450	98.950	99.310
X		97.474%	97.846%	102.964%	103.145%	102.563%	96.971%	96.674%	96.609%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		2.907	3.256	2.891	2.724	2.789	2.280	2.113	2.436
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:43:23	95.770	99.080	100.300	96.310	98.810	98.880	0.000	93.070
2	20:44:06	95.900	100.200	100.800	97.240	99.920	99.420	0.000	93.940
3	20:44:49	99.080	105.100	105.700	99.460	104.600	105.100	0.000	97.960
X		96.919%	101.463%	102.274%	97.671%	101.120%	101.125%	0.000	94.990%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		1.935	3.176	2.894	1.654	3.056	3.402	0.000	2.748
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:43:23	89.760%	92.100	91.530	86.862%	92.740	92.890	95.200	95.240
2	20:44:06	90.282%	94.950	95.340	86.274%	92.600	93.020	96.110	96.120
3	20:44:49	87.879%	99.690	100.300	84.594%	96.650	97.720	99.690	100.400
X		89.307%	95.578%	95.730%	85.910%	93.998%	94.542%	96.998%	97.258%
σ		1.264%	n/a	n/a	1.177%	n/a	n/a	n/a	n/a
%RSD		1.415	4.010	4.612	1.370	2.449	2.909	2.445	2.843
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:43:23	87.870%	91.300	93.010	92.950	91.540	92.920	88.411%	92.219%
2	20:44:06	89.393%	92.910	93.460	93.200	92.530	93.300	90.380%	94.053%
3	20:44:49	87.153%	97.130	97.470	96.840	96.000	96.430	89.367%	92.656%
X		88.139%	93.776%	94.646%	94.330%	93.355%	94.218%	89.386%	92.976%
σ		1.144%	n/a	n/a	n/a	n/a	n/a	0.985%	0.958%
%RSD		1.297	3.210	2.591	2.305	2.512	2.045	1.102	1.030
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	20:43:23	92.240	92.830	93.190	93.350	93.010	84.033%		
2	20:44:06	93.730	93.940	94.510	94.830	94.440	85.885%		
3	20:44:49	97.720	97.880	98.140	98.920	98.090	85.131%		
X		94.566%	94.885%	95.283%	95.701%	95.179%	85.016%		
σ		n/a	n/a	n/a	n/a	n/a	0.931%		
%RSD		2.997	2.800	2.688	3.014	2.755	1.095		

CCB3 12/22/2012 8:50:40 PM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:51:23	97.127%	-0.019	1.043	0.866	0.000	0.829	1.999	2.305
2	20:52:06	92.949%	-0.025	0.636	0.742	0.000	0.467	2.314	2.204
3	20:52:49	92.519%	-0.018	0.722	0.775	0.000	0.761	2.055	2.188
x		94.198%	-0.020	0.800	0.794	0.000	0.686	2.123	2.232
σ		2.545%	0.004	0.215	0.065	0.000	0.192	0.168	0.064
%RSD		2.702	17.550	26.800	8.132	0.000	28.030	7.916	2.850
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:51:23	0.214	-2.349	0.000	-6.403	-1.169	1.202	111.963%	-0.030
2	20:52:06	0.225	-1.470	0.000	-7.696	0.464	-0.423	108.036%	-0.011
3	20:52:49	0.251	-2.092	0.000	-6.354	3.403	0.928	106.823%	-0.051
x		0.230	-1.971	0.000	-6.818	0.899	0.569	108.941%	-0.030
σ		0.019	0.452	0.000	0.761	2.317	0.870	2.687%	0.020
%RSD		8.212	22.940	0.000	11.160	257.600	152.800	2.466	65.170
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:51:23	0.046	0.022	0.336	8.419	12.120	-0.005	-0.023	-0.041
2	20:52:06	0.014	0.004	0.316	3.967	8.204	-0.003	-0.031	-0.047
3	20:52:49	0.022	0.036	0.301	3.775	7.693	-0.005	-0.028	-0.051
x		0.027	0.021	0.318	5.387	9.339	-0.005	-0.027	-0.046
σ		0.017	0.016	0.018	2.628	2.422	0.002	0.004	0.005
%RSD		61.420	79.210	5.518	48.780	25.930	34.200	14.080	11.540
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:51:23	-0.058	-0.585	-0.500	-0.317	0.005	-1.188	0.000	0.011
2	20:52:06	-0.047	-0.577	-0.450	-0.209	-0.017	-1.108	0.000	0.009
3	20:52:49	-0.066	-0.650	-0.556	-0.321	0.183	-1.337	0.000	0.009
x		-0.057	-0.604	-0.502	-0.282	0.057	-1.211	0.000	0.010
σ		0.009	0.040	0.053	0.064	0.109	0.116	0.000	0.001
%RSD		16.320	6.610	10.630	22.520	191.500	9.616	0.000	12.680
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:51:23	95.409%	0.264	0.256	93.417%	-0.003	-0.004	-0.028	-0.022
2	20:52:06	96.813%	0.223	0.225	94.586%	-0.004	-0.004	0.003	0.014
3	20:52:49	95.986%	0.217	0.193	94.095%	0.001	-0.002	-0.028	-0.010
x		96.069%	0.234	0.225	94.033%	-0.002	-0.003	-0.017	-0.006
σ		0.706%	0.026	0.032	0.587%	0.003	0.002	0.018	0.018
%RSD		0.735	11.030	14.150	0.624	138.300	44.560	103.200	303.900
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:51:23	91.922%	-0.284	-0.068	-0.062	-0.004	0.016	93.642%	94.326%
2	20:52:06	93.559%	-0.335	-0.051	-0.059	-0.011	0.009	96.713%	97.344%
3	20:52:49	92.876%	-0.370	-0.068	-0.045	-0.013	0.020	95.974%	97.237%
x		92.785%	-0.330	-0.063	-0.055	-0.010	0.015	95.443%	96.302%
σ		0.822%	0.043	0.010	0.009	0.005	0.006	1.603%	1.712%
%RSD		0.886	13.140	15.510	16.160	47.730	36.650	1.679	1.778
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	20:51:23	0.008	0.003	0.096	0.087	0.084	99.928%		
2	20:52:06	0.004	0.005	0.085	0.075	0.080	103.725%		
3	20:52:49	0.006	0.012	0.075	0.088	0.073	102.439%		
x		0.006	0.007	0.086	0.083	0.079	102.031%		
σ		0.002	0.004	0.011	0.007	0.006	1.931%		
%RSD		35.180	63.680	12.310	8.757	7.127	1.893		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:55:44	84.072%	5.749	27.890	29.260	0.000	615.200	28280.000	29340.000
2	20:56:27	82.518%	5.759	28.440	28.910	0.000	607.800	28000.000	29280.000
3	20:57:10	79.384%	5.992	28.960	29.930	0.000	607.100	28300.000	29820.000
X		81.992%	5.833	28.430	29.370	0.000	610.000	28200.000	29480.000
σ		2.388%	0.138	0.538	0.521	0.000	4.445	167.900	297.000
%RSD		2.912	2.359	1.892	1.775	0.000	0.729	0.596	1.007
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:55:44	110200.000	2578.000	0.000	10320.000	27490.000	28690.000	97.618%	637.600
2	20:56:27	109400.000	2562.000	0.000	10410.000	28150.000	28880.000	93.406%	644.300
3	20:57:10	110700.000	2590.000	0.000	10630.000	28310.000	29020.000	89.074%	655.200
X		110100.000	2577.000	0.000	10450.000	27980.000	28860.000	93.366%	645.700
σ		665.900	13.660	0.000	160.500	434.700	170.100	4.272%	8.857
%RSD		0.605	0.530	0.000	1.536	1.554	0.589	4.576	1.372
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:55:44	189.300	205.700	4251.000	253900.000	265700.000	116.900	240.700	191.600
2	20:56:27	193.600	207.000	4267.000	254400.000	265600.000	118.300	241.200	192.600
3	20:57:10	197.300	208.600	4380.000	260900.000	268600.000	119.000	243.400	193.300
X		193.400	207.100	4299.000	256400.000	266600.000	118.000	241.800	192.500
σ		4.000	1.474	70.150	3888.000	1735.000	1.085	1.436	0.886
%RSD		2.068	0.712	1.632	1.516	0.651	0.919	0.594	0.460
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:55:44	192.100	555.600	566.300	119.800	3.616	5.830	0.000	104.500
2	20:56:27	194.100	565.300	572.500	121.700	3.482	6.119	0.000	107.400
3	20:57:10	195.800	577.100	586.500	121.400	3.321	5.748	0.000	107.900
X		194.000	566.000	575.100	121.000	3.473	5.899	0.000	106.600
σ		1.884	10.760	10.320	1.017	0.148	0.195	0.000	1.814
%RSD		0.971	1.901	1.794	0.841	4.251	3.298	0.000	1.701
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:55:44	0.000	12.190	12.210	83.017%	0.306	0.212	1.910	1.555
2	20:56:27	0.000	12.540	12.690	80.232%	0.334	0.223	1.993	1.567
3	20:57:10	0.000	12.750	12.550	78.658%	0.330	0.220	1.983	1.555
X		0.000	12.490	12.480	80.635%	0.323	0.218	1.962	1.559
σ		0.000	0.284	0.248	2.207%	0.015	0.006	0.046	0.007
%RSD		0.000	2.271	1.984	2.738	4.718	2.580	2.320	0.460
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:55:44	84.183%	9.658	1.002	1.017	666.600	666.600	90.595%	89.064%
2	20:56:27	83.449%	9.652	0.934	0.995	668.600	669.200	90.799%	89.453%
3	20:57:10	81.192%	9.643	0.918	0.989	679.600	676.600	89.830%	88.565%
X		82.941%	9.651	0.951	1.000	671.600	670.800	90.408%	89.028%
σ		1.559%	0.008	0.045	0.015	7.005	5.198	0.511%	0.445%
%RSD		1.879	0.082	4.683	1.465	1.043	0.775	0.565	0.500
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	20:55:44	1.634	1.623	163.300	160.900	162.200	78.149%		
2	20:56:27	1.682	1.675	167.400	164.800	165.400	78.044%		
3	20:57:10	1.719	1.717	169.900	166.800	167.700	77.405%		
X		1.678	1.672	166.800	164.200	165.100	77.866%		
σ		0.043	0.047	3.333	2.997	2.727	0.403%		
%RSD		2.556	2.837	1.998	1.825	1.652	0.518		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:00:03	77.678%	6.836	46.920	48.450	0.000	803.900	43520.000	46200.000
2	21:00:46	76.149%	7.065	49.150	49.530	0.000	826.500	44620.000	47090.000
3	21:01:29	76.738%	6.785	47.740	49.530	0.000	798.400	43970.000	46410.000
X		76.855%	6.895	47.930	49.170	0.000	809.600	44040.000	46570.000
σ		0.771%	0.149	1.131	0.625	0.000	14.870	556.300	468.300
%RSD		1.003	2.163	2.359	1.271	0.000	1.837	1.263	1.006
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:00:03	121100.000	2114.000	0.000	17540.000	94980.000	97610.000	91.558%	560.300
2	21:00:46	123500.000	2134.000	0.000	17740.000	96950.000	99540.000	90.484%	571.000
3	21:01:29	121100.000	2093.000	0.000	17190.000	93850.000	97050.000	89.605%	560.000
X		121900.000	2114.000	0.000	17490.000	95260.000	98070.000	90.549%	563.800
σ		1352.000	20.580	0.000	281.900	1566.000	1310.000	0.978%	6.288
%RSD		1.109	0.974	0.000	1.612	1.644	1.336	1.080	1.115
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:00:03	190.400	201.600	3353.000	267700.000	278000.000	117.300	294.600	193.600
2	21:00:46	196.000	204.800	3392.000	270200.000	283400.000	119.000	295.100	195.600
3	21:01:29	194.700	203.700	3333.000	266500.000	275500.000	116.900	290.300	193.500
X		193.700	203.400	3359.000	268100.000	279000.000	117.700	293.300	194.200
σ		2.943	1.625	30.230	1909.000	4060.000	1.098	2.649	1.166
%RSD		1.520	0.799	0.900	0.712	1.455	0.933	0.903	0.600
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:00:03	194.200	626.600	636.600	121.100	2.294	4.260	0.000	211.300
2	21:00:46	197.900	635.100	651.000	124.600	2.417	4.948	0.000	216.300
3	21:01:29	193.700	631.800	640.400	122.600	2.533	5.283	0.000	213.600
X		195.300	631.200	642.700	122.700	2.414	4.830	0.000	213.700
σ		2.244	4.300	7.454	1.754	0.120	0.522	0.000	2.491
%RSD		1.149	0.681	1.160	1.429	4.955	10.800	0.000	1.166
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:00:03	0.000	10.780	10.710	77.913%	0.296	0.187	2.105	1.577
2	21:00:46	0.000	11.110	10.900	78.295%	0.325	0.168	2.103	1.541
3	21:01:29	0.000	10.710	10.650	79.040%	0.305	0.171	2.012	1.493
X		0.000	10.870	10.750	78.416%	0.309	0.175	2.073	1.537
σ		0.000	0.210	0.133	0.573%	0.015	0.010	0.053	0.042
%RSD		0.000	1.935	1.232	0.730	4.900	5.822	2.566	2.760
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:00:03	80.424%	7.764	0.851	0.831	763.500	763.200	88.416%	87.168%
2	21:00:46	81.573%	7.994	0.842	0.850	773.700	775.500	90.410%	89.214%
3	21:01:29	82.676%	7.796	0.782	0.862	760.300	758.400	92.481%	90.229%
X		81.558%	7.851	0.825	0.848	765.800	765.700	90.436%	88.870%
σ		1.126%	0.125	0.037	0.016	7.018	8.828	2.033%	1.559%
%RSD		1.381	1.589	4.495	1.841	0.916	1.153	2.248	1.754
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	21:00:03	1.683	1.677	137.200	136.700	136.900	75.070%		
2	21:00:46	1.751	1.707	140.300	137.900	139.000	76.646%		
3	21:01:29	1.712	1.728	136.900	134.000	135.300	78.826%		
X		1.715	1.704	138.100	136.200	137.100	76.847%		
σ		0.034	0.026	1.870	2.030	1.828	1.886%		
%RSD		1.980	1.507	1.354	1.490	1.334	2.454		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:04:24	77.600%	8.047	51.330	52.150	0.000	757.200	37670.000	39310.000
2	21:05:07	74.871%	7.828	53.280	53.420	0.000	764.600	38680.000	40370.000
3	21:05:50	75.738%	8.163	51.910	52.010	0.000	744.500	37970.000	39900.000
x		76.070%	8.013	52.170	52.520	0.000	755.400	38100.000	39860.000
σ		1.394%	0.170	1.003	0.775	0.000	10.170	517.800	529.700
%RSD		1.833	2.127	1.923	1.476	0.000	1.346	1.359	1.329
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:04:24	163100.000	2813.000	0.000	16690.000	50890.000	52470.000	94.158%	815.500
2	21:05:07	167800.000	2844.000	0.000	16740.000	51770.000	53100.000	92.026%	815.400
3	21:05:50	163900.000	2782.000	0.000	16670.000	51210.000	53340.000	89.963%	815.300
x		165000.000	2813.000	0.000	16700.000	51290.000	52970.000	92.049%	815.400
σ		2475.000	30.950	0.000	35.030	447.100	452.700	2.097%	0.093
%RSD		1.501	1.100	0.000	0.210	0.872	0.855	2.279	0.011
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:04:24	290.000	241.700	3447.000	294900.000	310700.000	105.700	249.600	182.800
2	21:05:07	291.600	244.200	3479.000	296900.000	311200.000	104.500	246.600	181.400
3	21:05:50	292.900	241.900	3490.000	299100.000	312500.000	105.800	247.400	183.100
x		291.500	242.600	3472.000	296900.000	311500.000	105.300	247.900	182.400
σ		1.432	1.367	22.180	2129.000	958.400	0.714	1.575	0.905
%RSD		0.491	0.564	0.639	0.717	0.308	0.678	0.635	0.496
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:04:24	184.000	591.100	601.500	121.500	4.433	6.211	0.000	152.900
2	21:05:07	182.900	596.500	607.900	121.800	4.386	6.267	0.000	154.400
3	21:05:50	184.600	602.300	613.800	123.300	4.218	7.392	0.000	154.700
x		183.800	596.600	607.700	122.200	4.346	6.623	0.000	154.000
σ		0.827	5.606	6.140	0.952	0.113	0.666	0.000	0.964
%RSD		0.450	0.940	1.010	0.779	2.601	10.060	0.000	0.626
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:04:24	0.000	13.500	13.510	77.639%	0.518	0.402	2.029	1.498
2	21:05:07	0.000	13.270	13.460	77.662%	0.510	0.375	2.180	1.574
3	21:05:50	0.000	13.300	13.390	77.228%	0.506	0.369	2.070	1.547
x		0.000	13.360	13.460	77.510%	0.511	0.382	2.093	1.540
σ		0.000	0.120	0.063	0.244%	0.006	0.018	0.078	0.038
%RSD		0.000	0.900	0.470	0.315	1.213	4.594	3.710	2.494
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:04:24	80.310%	10.710	0.997	1.039	908.300	905.500	86.559%	84.839%
2	21:05:07	80.656%	10.920	0.979	1.027	916.500	916.800	87.551%	86.249%
3	21:05:50	80.657%	10.900	0.980	0.999	915.200	912.700	88.311%	86.573%
x		80.541%	10.840	0.986	1.022	913.300	911.700	87.473%	85.887%
σ		0.200%	0.117	0.010	0.021	4.423	5.714	0.879%	0.922%
%RSD		0.249	1.077	1.035	2.030	0.484	0.627	1.005	1.074
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	21:04:24	2.147	2.138	172.500	168.700	169.600	73.938%		
2	21:05:07	2.109	2.158	171.600	169.500	170.900	75.722%		
3	21:05:50	2.214	2.168	174.500	170.700	172.600	75.298%		
x		2.157	2.155	172.900	169.600	171.100	74.986%		
σ		0.053	0.015	1.489	0.974	1.478	0.932%		
%RSD		2.477	0.702	0.862	0.574	0.864	1.243		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:08:42	73.199%	7.070	27.820	27.970	0.000	633.500	26970.000	28180.000
2	21:09:25	72.187%	7.230	27.210	27.090	0.000	627.300	26920.000	28390.000
3	21:10:08	72.072%	6.939	25.920	28.160	0.000	628.700	26690.000	28390.000
X		72.486%	7.079	26.980	27.740	0.000	629.800	26860.000	28320.000
σ		0.620%	0.145	0.968	0.569	0.000	3.255	150.900	124.700
%RSD		0.855	2.054	3.587	2.051	0.000	0.517	0.562	0.440
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:08:42	114800.000	2780.000	0.000	10430.000	22640.000	23780.000	85.241%	588.800
2	21:09:25	115800.000	2782.000	0.000	10310.000	22900.000	24010.000	80.848%	593.900
3	21:10:08	115300.000	2798.000	0.000	10440.000	23100.000	24230.000	80.670%	595.100
X		115300.000	2787.000	0.000	10390.000	22880.000	24000.000	82.253%	592.600
σ		513.500	9.720	0.000	70.680	231.800	226.300	2.590%	3.379
%RSD		0.445	0.349	0.000	0.680	1.013	0.943	3.148	0.570
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:08:42	213.000	220.700	5905.000	376100.000	407500.000	123.800	259.100	237.400
2	21:09:25	214.700	219.900	5980.000	383400.000	407700.000	123.000	257.400	240.100
3	21:10:08	215.400	222.600	6014.000	387100.000	413200.000	125.900	261.900	241.000
X		214.400	221.100	5966.000	382200.000	409400.000	124.200	259.500	239.500
σ		1.212	1.384	55.470	5580.000	3216.000	1.491	2.241	1.894
%RSD		0.565	0.626	0.930	1.460	0.785	1.200	0.864	0.791
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:08:42	238.900	882.500	893.900	177.000	3.459	6.535	0.000	106.100
2	21:09:25	241.300	899.300	918.100	182.400	3.916	6.738	0.000	107.700
3	21:10:08	241.700	903.300	916.500	180.700	3.710	6.227	0.000	106.900
X		240.600	895.100	909.500	180.000	3.695	6.500	0.000	106.900
σ		1.493	11.010	13.520	2.741	0.229	0.257	0.000	0.778
%RSD		0.621	1.230	1.486	1.523	6.198	3.960	0.000	0.728
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:08:42	0.000	15.520	15.960	73.031%	0.294	0.177	2.489	1.990
2	21:09:25	0.000	15.660	15.890	71.635%	0.286	0.182	2.510	1.947
3	21:10:08	0.000	15.900	15.940	71.279%	0.312	0.188	2.375	1.922
X		0.000	15.700	15.930	71.982%	0.297	0.182	2.458	1.953
σ		0.000	0.194	0.038	0.926%	0.014	0.006	0.073	0.034
%RSD		0.000	1.234	0.241	1.286	4.541	3.093	2.959	1.763
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:08:42	76.000%	9.191	1.382	1.418	689.400	688.700	86.811%	84.877%
2	21:09:25	74.802%	9.275	1.381	1.319	701.300	695.200	86.612%	85.101%
3	21:10:08	74.189%	9.491	1.428	1.408	705.500	702.900	85.775%	84.422%
X		74.997%	9.319	1.397	1.382	698.700	695.600	86.399%	84.800%
σ		0.921%	0.155	0.027	0.054	8.355	7.125	0.550%	0.346%
%RSD		1.228	1.659	1.945	3.930	1.196	1.024	0.637	0.408
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	21:08:42	1.821	1.809	223.800	221.600	223.500	73.226%		
2	21:09:25	1.858	1.850	228.100	225.800	226.500	73.154%		
3	21:10:08	1.882	1.864	228.600	228.700	228.000	73.147%		
X		1.854	1.841	226.800	225.400	226.000	73.176%		
σ		0.031	0.029	2.638	3.565	2.298	0.044%		
%RSD		1.660	1.562	1.163	1.582	1.017	0.060		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:12:59	77.772%	5.378	24.140	23.640	0.000	438.200	23240.000	24520.000
2	21:13:42	76.093%	5.101	23.800	23.620	0.000	442.900	23320.000	24480.000
3	21:14:25	73.451%	5.464	23.900	23.680	0.000	444.300	23490.000	24840.000
x		75.772%	5.314	23.950	23.650	0.000	441.800	23350.000	24610.000
σ		2.178%	0.189	0.176	0.030	0.000	3.167	130.100	197.300
%RSD		2.875	3.563	0.734	0.127	0.000	0.717	0.557	0.802
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:12:59	96430.000	2197.000	0.000	8934.000	12600.000	12400.000	83.768%	584.200
2	21:13:42	96970.000	2162.000	0.000	8755.000	12710.000	12290.000	80.974%	576.300
3	21:14:25	98980.000	2210.000	0.000	8850.000	12630.000	12310.000	80.328%	579.400
x		97460.000	2190.000	0.000	8846.000	12650.000	12330.000	81.690%	580.000
σ		1340.000	24.960	0.000	89.240	53.270	58.610	1.828%	3.982
%RSD		1.374	1.140	0.000	1.009	0.421	0.475	2.238	0.687
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:12:59	174.100	166.800	3363.000	234200.000	239600.000	100.100	214.600	176.700
2	21:13:42	176.000	165.100	3342.000	230900.000	234200.000	97.180	209.200	173.600
3	21:14:25	176.100	166.100	3359.000	233000.000	239000.000	98.510	212.100	175.600
x		175.400	166.000	3354.000	232700.000	237600.000	98.580	212.000	175.300
σ		1.157	0.848	11.220	1658.000	2927.000	1.437	2.696	1.608
%RSD		0.660	0.511	0.334	0.713	1.232	1.458	1.272	0.917
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:12:59	176.900	534.700	545.400	102.700	2.368	4.906	0.000	74.600
2	21:13:42	174.500	528.800	541.300	102.300	2.611	4.267	0.000	74.720
3	21:14:25	176.800	536.600	549.900	104.700	2.683	4.921	0.000	76.030
x		176.000	533.400	545.500	103.200	2.554	4.698	0.000	75.120
σ		1.359	4.079	4.300	1.316	0.165	0.373	0.000	0.794
%RSD		0.772	0.765	0.788	1.275	6.466	7.944	0.000	1.057
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:12:59	0.000	10.050	10.120	72.178%	0.322	0.199	2.031	1.509
2	21:13:42	0.000	10.100	10.140	72.706%	0.334	0.199	2.000	1.524
3	21:14:25	0.000	10.050	10.270	72.380%	0.324	0.185	1.800	1.385
x		0.000	10.070	10.180	72.422%	0.326	0.194	1.944	1.472
σ		0.000	0.026	0.085	0.266%	0.006	0.008	0.126	0.076
%RSD		0.000	0.254	0.837	0.368	1.907	4.222	6.461	5.179
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:12:59	73.777%	8.663	0.777	0.796	672.700	671.000	82.622%	82.178%
2	21:13:42	75.762%	8.566	0.784	0.773	667.200	667.000	84.823%	84.487%
3	21:14:25	75.961%	8.755	0.771	0.749	669.200	670.900	85.928%	84.933%
x		75.167%	8.662	0.777	0.772	669.700	669.600	84.458%	83.866%
σ		1.207%	0.094	0.007	0.024	2.795	2.253	1.683%	1.479%
%RSD		1.606	1.089	0.864	3.084	0.417	0.337	1.993	1.763
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	21:12:59	1.558	1.521	125.500	123.300	124.600	72.358%		
2	21:13:42	1.542	1.476	123.200	120.800	121.900	76.305%		
3	21:14:25	1.507	1.521	126.200	124.300	124.800	75.985%		
x		1.536	1.506	125.000	122.800	123.800	74.883%		
σ		0.026	0.026	1.601	1.799	1.617	2.193%		
%RSD		1.695	1.744	1.281	1.465	1.307	2.928		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:17:16	75.064%	7.220	60.340	62.740	0.000	871.800	44210.000	45990.000
2	21:17:59	76.431%	7.077	60.240	60.570	0.000	856.000	43160.000	44980.000
3	21:18:42	74.367%	7.459	62.760	65.160	0.000	880.900	44310.000	47250.000
X		75.287%	7.252	61.110	62.820	0.000	869.600	43890.000	46070.000
σ		1.050%	0.193	1.427	2.297	0.000	12.630	635.600	1136.000
%RSD		1.395	2.659	2.334	3.656	0.000	1.453	1.448	2.466
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:17:16	130100.000	3400.000	0.000	18620.000	83630.000	85960.000	86.534%	720.800
2	21:17:59	128600.000	3382.000	0.000	18280.000	84250.000	86760.000	87.259%	733.500
3	21:18:42	133600.000	3456.000	0.000	18710.000	84850.000	87540.000	87.009%	736.800
X		130800.000	3413.000	0.000	18540.000	84240.000	86750.000	86.934%	730.400
σ		2586.000	38.640	0.000	224.900	606.900	790.100	0.368%	8.451
%RSD		1.977	1.132	0.000	1.213	0.720	0.911	0.423	1.157
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:17:16	209.800	204.700	3097.000	267200.000	278300.000	114.900	290.100	193.100
2	21:17:59	213.300	208.900	3139.000	271700.000	280000.000	116.100	290.000	193.500
3	21:18:42	214.800	209.200	3197.000	274400.000	286200.000	117.500	294.800	198.400
X		212.600	207.600	3144.000	271100.000	281500.000	116.100	291.700	195.000
σ		2.514	2.489	50.140	3630.000	4167.000	1.292	2.745	2.953
%RSD		1.183	1.199	1.594	1.339	1.480	1.112	0.941	1.514
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:17:16	194.000	570.300	577.400	118.500	2.543	4.908	0.000	188.000
2	21:17:59	195.200	572.100	587.000	117.900	2.507	5.196	0.000	191.700
3	21:18:42	198.400	578.300	590.600	120.200	2.583	5.515	0.000	194.400
X		195.900	573.600	585.000	118.900	2.544	5.206	0.000	191.400
σ		2.278	4.220	6.808	1.204	0.038	0.303	0.000	3.214
%RSD		1.163	0.736	1.164	1.013	1.500	5.830	0.000	1.679
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:17:16	0.000	11.620	11.380	74.025%	0.319	0.191	1.996	1.486
2	21:17:59	0.000	11.410	11.740	75.816%	0.330	0.199	2.273	1.683
3	21:18:42	0.000	11.510	11.770	76.242%	0.314	0.210	2.250	1.627
X		0.000	11.510	11.630	75.361%	0.321	0.200	2.173	1.599
σ		0.000	0.107	0.218	1.177%	0.008	0.009	0.154	0.101
%RSD		0.000	0.926	1.878	1.561	2.577	4.605	7.066	6.343
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:17:16	76.518%	10.300	0.743	0.789	748.400	747.800	85.179%	83.615%
2	21:17:59	78.771%	10.320	0.827	0.792	759.000	754.300	87.664%	86.837%
3	21:18:42	79.036%	10.500	0.756	0.748	768.200	767.500	88.793%	87.196%
X		78.108%	10.370	0.775	0.776	758.600	756.500	87.212%	85.883%
σ		1.384%	0.107	0.045	0.025	9.891	10.030	1.849%	1.972%
%RSD		1.772	1.032	5.798	3.161	1.304	1.326	2.120	2.296
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	21:17:16	1.869	1.848	131.800	129.100	130.300	73.059%		
2	21:17:59	1.873	1.893	134.400	132.200	133.100	75.073%		
3	21:18:42	1.934	1.955	135.500	133.100	134.100	75.454%		
X		1.892	1.899	133.900	131.500	132.500	74.529%		
σ		0.036	0.054	1.891	2.083	1.975	1.287%		
%RSD		1.919	2.827	1.413	1.585	1.491	1.727		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:21:34	76.469%	7.812	71.430	71.500	0.000	925.900	52350.000	54780.000
2	21:22:17	74.928%	7.677	71.730	73.240	0.000	921.300	52560.000	55590.000
3	21:23:00	73.995%	8.021	71.330	72.420	0.000	925.400	52890.000	55910.000
x		75.131%	7.837	71.500	72.380	0.000	924.200	52600.000	55430.000
σ		1.249%	0.173	0.211	0.869	0.000	2.523	272.800	581.000
%RSD		1.663	2.209	0.295	1.201	0.000	0.273	0.519	1.048
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:21:34	137700.000	2491.000	0.000	22880.000	117100.000	121800.000	87.935%	812.400
2	21:22:17	138200.000	2498.000	0.000	23130.000	119800.000	124300.000	86.234%	820.900
3	21:23:00	138300.000	2523.000	0.000	23000.000	119800.000	124400.000	85.210%	830.300
x		138000.000	2504.000	0.000	23000.000	118900.000	123500.000	86.460%	821.200
σ		330.700	16.480	0.000	126.200	1567.000	1480.000	1.377%	8.959
%RSD		0.239	0.658	0.000	0.549	1.318	1.198	1.592	1.091
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:21:34	224.900	219.300	3493.000	284600.000	299100.000	130.900	324.500	195.900
2	21:22:17	221.500	221.900	3547.000	289300.000	302900.000	132.500	327.300	198.600
3	21:23:00	227.500	226.300	3595.000	293200.000	303400.000	132.700	330.900	201.000
x		224.600	222.500	3545.000	289000.000	301800.000	132.000	327.600	198.500
σ		3.031	3.552	50.940	4298.000	2351.000	0.994	3.194	2.530
%RSD		1.349	1.597	1.437	1.487	0.779	0.753	0.975	1.275
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:21:34	199.200	622.500	628.300	100.800	2.264	4.877	0.000	277.000
2	21:22:17	199.900	631.400	641.600	102.600	2.394	5.022	0.000	284.200
3	21:23:00	203.700	634.500	649.100	103.400	2.113	5.458	0.000	286.300
x		200.900	629.500	639.700	102.300	2.257	5.119	0.000	282.500
σ		2.421	6.236	10.520	1.347	0.141	0.302	0.000	4.905
%RSD		1.205	0.991	1.645	1.317	6.230	5.906	0.000	1.736
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:21:34	0.000	12.620	12.560	74.591%	0.289	0.129	2.426	1.783
2	21:22:17	0.000	12.640	12.920	74.222%	0.320	0.166	2.152	1.647
3	21:23:00	0.000	12.960	12.730	74.967%	0.316	0.148	2.410	1.730
x		0.000	12.740	12.740	74.593%	0.309	0.147	2.330	1.720
σ		0.000	0.193	0.181	0.372%	0.017	0.018	0.154	0.068
%RSD		0.000	1.511	1.425	0.499	5.570	12.400	6.597	3.981
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:21:34	77.250%	10.080	0.700	0.690	723.100	721.500	85.076%	83.655%
2	21:22:17	78.076%	10.630	0.673	0.712	736.100	733.600	86.196%	84.873%
3	21:23:00	78.123%	10.590	0.676	0.678	740.300	740.800	87.374%	86.376%
x		77.817%	10.430	0.683	0.693	733.200	732.000	86.215%	84.968%
σ		0.491%	0.308	0.015	0.017	8.959	9.731	1.149%	1.363%
%RSD		0.631	2.949	2.169	2.464	1.222	1.329	1.333	1.604
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	21:21:34	1.978	1.913	135.000	132.300	133.700	72.050%		
2	21:22:17	1.948	1.988	139.000	135.900	137.000	72.994%		
3	21:23:00	1.987	2.037	139.100	138.300	138.400	73.189%		
x		1.971	1.979	137.700	135.500	136.400	72.744%		
σ		0.021	0.063	2.322	3.020	2.415	0.610%		
%RSD		1.044	3.169	1.687	2.229	1.771	0.838		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:30:14	102.626%	-0.037	0.452	0.616	0.000	1.365	2.166	2.399
2	21:30:57	101.309%	-0.028	0.525	0.490	0.000	1.254	2.636	2.530
X		101.968%	-0.033	0.489	0.553	0.000	1.309	2.401	2.465
σ		0.931%	0.006	0.052	0.089	0.000	0.079	0.333	0.093
%RSD		0.913	19.760	10.680	16.150	0.000	5.996	13.850	3.770
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:30:14	4.757	-1.381	0.000	-7.033	15.780	13.850	116.032%	-0.025
2	21:30:57	5.143	-0.977	0.000	-7.320	15.330	14.830	115.362%	0.058
X		4.950	-1.179	0.000	-7.177	15.550	14.340	115.697%	0.016
σ		0.273	0.285	0.000	0.203	0.317	0.691	0.474%	0.058
%RSD		5.517	24.200	0.000	2.822	2.039	4.822	0.410	358.200
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:30:14	-0.081	0.083	0.087	26.580	29.100	-0.011	-0.010	0.007
2	21:30:57	0.028	0.098	0.115	20.800	22.630	-0.011	0.005	0.000
X		-0.027	0.091	0.101	23.690	25.860	-0.011	-0.002	0.004
σ		0.077	0.010	0.019	4.087	4.573	0.001	0.011	0.005
%RSD		287.700	11.070	19.090	17.250	17.680	4.666	465.700	138.100
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:30:14	-0.002	0.590	0.519	-0.516	-0.231	-2.023	0.000	0.030
2	21:30:57	-0.015	0.497	0.705	-0.378	-0.180	-1.719	0.000	0.024
X		-0.009	0.543	0.612	-0.447	-0.205	-1.871	0.000	0.027
σ		0.009	0.066	0.131	0.098	0.036	0.215	0.000	0.004
%RSD		105.000	12.080	21.440	21.850	17.580	11.480	0.000	13.640
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:30:14	101.719%	0.051	0.044	96.867%	-0.010	-0.013	0.038	0.017
2	21:30:57	101.914%	0.046	0.045	97.231%	-0.009	-0.008	0.024	0.013
X		101.816%	0.048	0.045	97.049%	-0.010	-0.011	0.031	0.015
σ		0.138%	0.003	0.000	0.257%	0.001	0.003	0.010	0.003
%RSD		0.136	6.707	0.674	0.265	7.289	30.800	32.560	21.030
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:30:14	93.695%	1.281	-0.103	-0.103	0.038	0.048	95.391%	96.006%
2	21:30:57	95.133%	1.484	-0.111	-0.107	0.094	0.091	98.341%	98.932%
X		94.414%	1.383	-0.107	-0.105	0.066	0.070	96.866%	97.469%
σ		1.017%	0.143	0.005	0.003	0.040	0.030	2.086%	2.069%
%RSD		1.077	10.380	4.843	2.473	60.230	43.210	2.154	2.123
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	21:30:14	-0.007	-0.005	0.037	0.046	0.039	100.771%		
2	21:30:57	-0.005	-0.002	0.041	0.027	0.035	102.670%		
X		-0.006	-0.003	0.039	0.037	0.037	101.721%		
σ		0.001	0.002	0.003	0.013	0.003	1.342%		
%RSD		14.700	67.300	7.229	36.390	8.245	1.320		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:33:49	80.398%	866.900	78.180	78.130	0.000	8308.000	7950.000	8319.000
2	21:34:32	79.586%	860.000	76.980	77.340	0.000	8401.000	7934.000	8372.000
3	21:35:15	77.504%	844.400	77.180	78.050	0.000	8314.000	7992.000	8492.000
X		79.163%	857.100	77.450	77.840	0.000	8341.000	7959.000	8394.000
σ		1.493%	11.500	0.639	0.433	0.000	52.190	29.780	88.400
%RSD		1.886	1.342	0.825	0.556	0.000	0.626	0.374	1.053
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:33:49	8213.000	13.530	0.000	8619.000	9446.000	8973.000	83.782%	88.060
2	21:34:32	8308.000	13.760	0.000	8675.000	9585.000	9023.000	81.613%	86.400
3	21:35:15	8395.000	13.320	0.000	8534.000	9377.000	9020.000	80.130%	87.110
X		8305.000	13.540	0.000	8609.000	9469.000	9006.000	81.841%	87.190
σ		90.840	0.222	0.000	71.100	106.100	27.850	1.837%	0.834
%RSD		1.094	1.640	0.000	0.826	1.121	0.309	2.244	0.956
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:33:49	903.600	916.500	920.600	9401.000	8941.000	890.800	880.400	849.500
2	21:34:32	909.600	920.500	924.900	9292.000	9001.000	901.000	876.400	845.200
3	21:35:15	902.800	916.000	935.500	9463.000	9096.000	899.300	880.500	841.900
X		905.300	917.700	927.000	9385.000	9012.000	897.000	879.100	845.600
σ		3.697	2.490	7.662	86.540	77.830	5.431	2.311	3.806
%RSD		0.408	0.271	0.827	0.922	0.864	0.605	0.263	0.450
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:33:49	881.400	905.400	920.700	864.900	894.600	902.800	0.000	888.100
2	21:34:32	893.100	924.800	933.500	883.900	908.500	918.300	0.000	898.000
3	21:35:15	889.100	928.300	938.500	880.400	910.400	915.700	0.000	900.900
X		887.900	919.500	930.900	876.400	904.500	912.300	0.000	895.700
σ		5.990	12.310	9.186	10.140	8.639	8.289	0.000	6.677
%RSD		0.675	1.339	0.987	1.157	0.955	0.909	0.000	0.746
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:33:49	81.859%	84.270	84.190	81.020%	88.330	89.200	871.300	889.900
2	21:34:32	80.993%	85.520	85.400	80.426%	90.370	91.030	892.600	908.500
3	21:35:15	81.198%	85.330	86.130	80.405%	90.080	90.960	892.000	907.200
X		81.350%	85.040	85.240	80.617%	89.590	90.400	885.300	901.900
σ		0.452%	0.672	0.983	0.349%	1.106	1.040	12.130	10.360
%RSD		0.556	0.790	1.153	0.433	1.235	1.151	1.370	1.149
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:33:49	81.535%	92.360	83.820	83.870	836.400	836.000	84.902%	85.792%
2	21:34:32	81.466%	92.820	86.250	84.750	842.500	847.000	87.140%	88.028%
3	21:35:15	81.851%	93.200	85.650	85.870	847.300	847.300	87.024%	88.697%
X		81.617%	92.790	85.240	84.830	842.000	843.400	86.355%	87.506%
σ		0.205%	0.421	1.266	1.003	5.461	6.416	1.260%	1.521%
%RSD		0.251	0.454	1.485	1.182	0.648	0.761	1.459	1.738
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	21:33:49	211.900	211.900	849.600	896.100	889.200	80.556%		
2	21:34:32	215.800	216.900	864.000	910.800	903.400	82.029%		
3	21:35:15	216.300	216.400	862.000	907.600	900.500	83.094%		
X		214.700	215.100	858.500	904.800	897.700	81.893%		
σ		2.395	2.756	7.825	7.731	7.482	1.274%		
%RSD		1.116	1.281	0.911	0.854	0.834	1.556		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:41:05	83.618%	4.718	15.710	16.230	0.000	220.700	14760.000	15560.000
2	21:41:48	77.222%	4.799	15.610	16.180	0.000	228.100	15190.000	15870.000
3	21:42:31	75.122%	4.562	15.930	16.220	0.000	220.000	14450.000	15350.000
X		78.654%	4.693	15.750	16.210	0.000	222.900	14800.000	15590.000
σ		4.425%	0.121	0.166	0.023	0.000	4.524	371.000	264.900
%RSD		5.626	2.570	1.055	0.140	0.000	2.029	2.507	1.699
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:41:05	78080.000	1642.000	0.000	6063.000	10030.000	9987.000	88.923%	577.900
2	21:41:48	78660.000	1670.000	0.000	6144.000	10600.000	10310.000	80.171%	599.200
3	21:42:31	76970.000	1609.000	0.000	6027.000	10150.000	9991.000	77.758%	590.600
X		77900.000	1641.000	0.000	6078.000	10260.000	10100.000	82.284%	589.200
σ		859.400	30.680	0.000	60.110	300.400	185.300	5.875%	10.710
%RSD		1.103	1.870	0.000	0.989	2.928	1.835	7.139	1.818
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:41:05	166.200	188.900	6201.000	228800.000	234100.000	76.910	169.900	121.900
2	21:41:48	175.800	197.300	6291.000	234000.000	241700.000	79.470	175.500	125.100
3	21:42:31	168.700	189.000	6154.000	229500.000	235300.000	77.180	169.300	121.400
X		170.300	191.700	6215.000	230700.000	237000.000	77.850	171.600	122.800
σ		5.001	4.808	69.660	2832.000	4056.000	1.405	3.415	2.045
%RSD		2.938	2.508	1.121	1.227	1.711	1.805	1.991	1.666
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:41:05	123.400	479.500	489.600	120.000	5.219	6.433	0.000	70.360
2	21:41:48	124.300	494.600	502.200	121.700	4.158	5.255	0.000	72.220
3	21:42:31	121.400	483.300	496.600	118.800	3.859	4.763	0.000	70.540
X		123.100	485.800	496.100	120.200	4.412	5.484	0.000	71.040
σ		1.519	7.837	6.281	1.420	0.715	0.858	0.000	1.026
%RSD		1.234	1.613	1.266	1.181	16.200	15.650	0.000	1.444
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:41:05	0.000	11.580	11.520	78.428%	0.223	0.178	1.499	1.227
2	21:41:48	0.000	11.830	11.940	73.829%	0.214	0.206	1.494	1.254
3	21:42:31	0.000	11.780	11.550	73.256%	0.220	0.188	1.406	1.270
X		0.000	11.730	11.670	75.171%	0.219	0.191	1.466	1.250
σ		0.000	0.133	0.236	2.835%	0.005	0.014	0.052	0.022
%RSD		0.000	1.132	2.025	3.771	2.161	7.461	3.556	1.734
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:41:05	79.948%	7.468	1.181	1.144	527.400	527.200	87.118%	86.805%
2	21:41:48	75.831%	7.527	1.142	1.146	536.500	535.900	85.564%	85.253%
3	21:42:31	76.176%	7.315	1.081	1.088	517.900	519.300	85.703%	86.069%
X		77.318%	7.437	1.135	1.126	527.300	527.400	86.129%	86.042%
σ		2.284%	0.109	0.050	0.033	9.313	8.267	0.860%	0.776%
%RSD		2.954	1.471	4.439	2.900	1.766	1.567	0.998	0.902
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	21:41:05	1.638	1.655	129.700	127.600	128.100	79.403%		
2	21:41:48	1.582	1.595	133.200	130.600	131.600	78.301%		
3	21:42:31	1.535	1.510	128.200	125.900	127.000	79.680%		
X		1.585	1.587	130.400	128.000	128.900	79.128%		
σ		0.051	0.073	2.564	2.426	2.410	0.729%		
%RSD		3.236	4.571	1.967	1.895	1.870	0.922		

CCV 664806 12/22/2012 9:47:37 PM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:48:20	74.500%	99.280	96.110	95.040	0.000	49330.000	45760.000	46910.000
2	21:49:03	73.710%	99.010	92.360	91.510	0.000	47440.000	44760.000	46680.000
3	21:49:46	73.533%	101.300	94.100	94.380	0.000	48450.000	45190.000	46360.000
x		73.914%	99.855%	94.191%	93.642%	0.000	96.812%	90.470%	93.299%
σ		0.515%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		0.697	1.233	1.991	2.008	0.000	1.947	1.108	0.594
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:48:20	475.600	5042.000	0.000	48130.000	47480.000	48840.000	84.018%	96.590
2	21:49:03	459.200	4999.000	0.000	48530.000	47890.000	49510.000	83.488%	97.820
3	21:49:46	458.100	5024.000	0.000	47690.000	47770.000	49980.000	82.201%	98.740
x		92.863%	100.433%	0.000	96.230%	95.426%	98.892%	83.236%	97.718%
σ		n/a	n/a	0.000	n/a	n/a	n/a	0.934%	n/a
%RSD		2.110	0.431	0.000	0.873	0.448	1.157	1.122	1.106
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:48:20	95.100	95.030	506.500	25560.000	25320.000	94.580	94.580	95.120
2	21:49:03	95.220	95.560	511.700	25530.000	25470.000	95.050	93.200	94.280
3	21:49:46	98.030	97.050	514.700	25600.000	25420.000	95.430	94.910	96.610
x		96.115%	95.880%	102.192%	102.266%	101.612%	95.019%	94.229%	95.334%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		1.724	1.092	0.818	0.135	0.287	0.446	0.963	1.236
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:48:20	95.190	99.140	99.120	97.730	101.300	100.300	0.000	95.360
2	21:49:03	95.000	99.800	101.000	97.990	102.000	103.600	0.000	96.670
3	21:49:46	96.330	102.100	102.900	99.130	104.800	105.000	0.000	97.370
x		95.507%	100.343%	101.025%	98.282%	102.676%	102.970%	0.000	96.466%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		0.755	1.544	1.888	0.757	1.790	2.317	0.000	1.054
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:48:20	80.204%	94.920	95.440	76.575%	96.140	96.520	98.800	99.730
2	21:49:03	81.596%	97.750	98.580	76.887%	96.520	96.900	100.500	100.700
3	21:49:46	81.917%	100.000	101.400	77.077%	98.150	98.380	101.400	101.900
x		81.239%	97.566%	98.491%	76.846%	96.937%	97.264%	100.235%	100.787%
σ		0.910%	n/a	n/a	0.254%	n/a	n/a	n/a	n/a
%RSD		1.121	2.619	3.051	0.330	1.098	1.009	1.311	1.089
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:48:20	77.608%	95.770	96.440	96.930	96.040	95.530	79.298%	82.185%
2	21:49:03	79.824%	97.560	97.930	97.160	96.250	96.360	82.286%	85.057%
3	21:49:46	80.146%	98.450	98.390	97.910	97.560	97.120	82.790%	85.950%
x		79.193%	97.260%	97.586%	97.333%	96.616%	96.334%	81.458%	84.397%
σ		1.382%	n/a	n/a	n/a	n/a	n/a	1.888%	1.967%
%RSD		1.745	1.403	1.045	0.529	0.851	0.825	2.317	2.331
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	21:48:20	95.950	95.330	96.240	95.780	95.860	77.783%		
2	21:49:03	97.070	96.950	97.030	96.970	97.000	79.933%		
3	21:49:46	97.420	97.420	98.160	97.650	97.510	80.835%		
x		96.814%	96.569%	97.144%	96.803%	96.789%	79.517%		
σ		n/a	n/a	n/a	n/a	n/a	1.568%		
%RSD		0.797	1.134	0.995	0.977	0.877	1.972		

CCB4 12/22/2012 9:55:36 PM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:56:19	91.333%	-0.006	0.560	0.501	0.000	1.129	2.351	2.699
2	21:57:02	90.814%	-0.009	0.504	0.460	0.000	1.105	2.624	2.776
3	21:57:45	87.736%	-0.008	0.383	0.388	0.000	1.517	2.624	2.848
X		89.961%	-0.008	0.482	0.450	0.000	1.250	2.533	2.774
σ		1.944%	0.002	0.090	0.057	0.000	0.232	0.158	0.075
%RSD		2.161	20.200	18.670	12.660	0.000	18.530	6.218	2.695
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:56:19	0.386	-2.758	0.000	-7.536	-3.151	1.133	103.481%	-0.066
2	21:57:02	0.416	-2.566	0.000	-7.639	1.465	1.315	102.244%	-0.016
3	21:57:45	0.439	-2.240	0.000	-6.765	1.352	2.256	99.665%	-0.047
X		0.414	-2.522	0.000	-7.313	-0.111	1.568	101.797%	-0.043
σ		0.027	0.262	0.000	0.477	2.633	0.603	1.947%	0.025
%RSD		6.444	10.390	0.000	6.528	2366.000	38.450	1.912	58.930
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:56:19	0.019	-0.011	0.357	3.951	10.930	-0.005	-0.024	-0.057
2	21:57:02	0.013	-0.006	0.346	1.412	8.744	0.001	-0.004	-0.051
3	21:57:45	0.025	0.013	0.321	2.914	7.599	-0.001	-0.034	-0.052
X		0.019	-0.002	0.341	2.759	9.090	-0.002	-0.021	-0.053
σ		0.006	0.013	0.019	1.276	1.692	0.003	0.015	0.003
%RSD		30.480	810.200	5.500	46.260	18.610	171.100	72.150	5.541
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:56:19	-0.053	-0.408	-0.579	-0.292	0.080	-0.782	0.000	0.015
2	21:57:02	-0.060	-0.484	-0.363	-0.225	0.057	-0.710	0.000	0.018
3	21:57:45	-0.066	-0.384	-0.406	-0.055	0.100	-0.188	0.000	0.015
X		-0.059	-0.425	-0.449	-0.191	0.079	-0.560	0.000	0.016
σ		0.007	0.052	0.115	0.122	0.021	0.325	0.000	0.002
%RSD		11.380	12.190	25.490	64.080	26.800	57.960	0.000	11.390
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:56:19	83.818%	0.257	0.237	88.724%	-0.006	-0.001	0.000	0.012
2	21:57:02	84.589%	0.208	0.217	88.527%	-0.002	-0.005	-0.012	-0.001
3	21:57:45	82.814%	0.165	0.182	87.088%	0.001	-0.002	-0.056	-0.049
X		83.740%	0.210	0.212	88.113%	-0.002	-0.003	-0.023	-0.013
σ		0.890%	0.046	0.028	0.893%	0.004	0.002	0.030	0.032
%RSD		1.063	21.860	13.130	1.014	146.800	67.370	131.300	250.500
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:56:19	87.207%	-0.366	-0.065	-0.065	-0.020	0.023	90.458%	91.765%
2	21:57:02	87.772%	-0.388	-0.060	-0.069	-0.023	0.024	91.724%	92.554%
3	21:57:45	87.097%	-0.410	-0.068	-0.049	-0.020	0.006	90.565%	91.568%
X		87.359%	-0.388	-0.064	-0.061	-0.021	0.018	90.916%	91.963%
σ		0.362%	0.022	0.004	0.011	0.002	0.010	0.702%	0.522%
%RSD		0.415	5.704	6.376	17.670	8.697	55.580	0.772	0.567
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	21:56:19	0.027	0.032	0.094	0.086	0.082	99.763%		
2	21:57:02	0.032	0.031	0.063	0.073	0.067	100.089%		
3	21:57:45	0.037	0.043	0.060	0.053	0.056	99.008%		
X		0.032	0.035	0.072	0.071	0.069	99.620%		
σ		0.005	0.007	0.019	0.017	0.013	0.555%		
%RSD		16.140	19.200	26.560	23.920	18.830	0.557		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:00:40	85.939%	0.951	3.270	3.465	0.000	44.310	2832.000	2956.000
2	22:01:23	85.155%	0.916	3.692	3.705	0.000	43.940	2762.000	2971.000
3	22:02:06	82.217%	0.995	3.683	3.556	0.000	45.750	2882.000	3036.000
X		84.437%	0.954	3.548	3.575	0.000	44.670	2825.000	2988.000
σ		1.962%	0.039	0.241	0.121	0.000	0.954	60.270	42.260
%RSD		2.324	4.139	6.798	3.385	0.000	2.137	2.133	1.414
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:00:40	15640.000	323.100	0.000	1246.000	2089.000	2064.000	93.346%	116.600
2	22:01:23	15820.000	327.900	0.000	1251.000	2056.000	2075.000	91.332%	118.500
3	22:02:06	16090.000	338.200	0.000	1271.000	2226.000	2085.000	89.649%	118.000
X		15850.000	329.700	0.000	1256.000	2124.000	2075.000	91.442%	117.700
σ		229.600	7.748	0.000	13.280	90.110	10.590	1.851%	0.953
%RSD		1.448	2.350	0.000	1.058	4.243	0.510	2.024	0.809
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:00:40	32.920	37.290	1228.000	46990.000	46030.000	15.040	33.760	24.310
2	22:01:23	33.610	38.150	1255.000	48110.000	46870.000	15.200	34.130	25.080
3	22:02:06	33.830	38.550	1257.000	48600.000	47430.000	15.500	34.220	24.630
X		33.450	37.990	1247.000	47900.000	46780.000	15.250	34.040	24.680
σ		0.478	0.644	16.230	825.900	703.600	0.238	0.245	0.387
%RSD		1.428	1.696	1.302	1.724	1.504	1.560	0.721	1.570
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:00:40	24.070	100.700	100.300	23.360	0.446	-0.788	0.000	12.520
2	22:01:23	25.070	102.300	104.000	23.830	0.322	-0.520	0.000	12.540
3	22:02:06	24.940	103.200	103.900	24.070	0.504	-0.208	0.000	12.590
X		24.690	102.100	102.700	23.750	0.424	-0.505	0.000	12.550
σ		0.547	1.277	2.065	0.360	0.093	0.290	0.000	0.035
%RSD		2.215	1.252	2.010	1.516	22.010	57.500	0.000	0.278
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:00:40	97.832%	2.058	2.157	87.729%	0.032	0.035	0.232	0.235
2	22:01:23	99.466%	2.061	2.224	88.668%	0.032	0.021	0.254	0.210
3	22:02:06	98.875%	2.180	2.153	88.565%	0.038	0.025	0.240	0.223
X		98.724%	2.100	2.178	88.321%	0.034	0.027	0.242	0.223
σ		0.828%	0.070	0.040	0.515%	0.003	0.007	0.011	0.012
%RSD		0.838	3.319	1.832	0.583	9.457	26.370	4.612	5.453
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:00:40	87.674%	1.180	0.199	0.196	105.400	106.000	91.189%	91.729%
2	22:01:23	89.438%	1.163	0.149	0.183	106.700	107.500	94.497%	94.515%
3	22:02:06	89.401%	1.175	0.131	0.163	107.500	108.000	93.398%	95.054%
X		88.838%	1.173	0.160	0.181	106.500	107.200	93.028%	93.766%
σ		1.008%	0.009	0.035	0.016	1.055	1.080	1.685%	1.784%
%RSD		1.135	0.759	22.010	9.087	0.990	1.008	1.811	1.903
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	22:00:40	0.277	0.284	25.560	24.690	25.040	89.618%		
2	22:01:23	0.276	0.281	25.920	25.460	25.560	91.853%		
3	22:02:06	0.288	0.287	26.270	25.950	25.900	91.867%		
X		0.280	0.284	25.920	25.370	25.500	91.113%		
σ		0.006	0.003	0.353	0.635	0.432	1.295%		
%RSD		2.298	0.962	1.361	2.505	1.693	1.421		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:04:59	77.133%	4.581	16.830	16.450	0.000	219.100	15070.000	15790.000
2	22:05:42	77.192%	4.535	16.160	16.180	0.000	219.800	15280.000	15850.000
3	22:06:25	74.818%	4.719	16.380	16.720	0.000	220.800	15250.000	16040.000
X		76.381%	4.612	16.460	16.450	0.000	219.900	15200.000	15890.000
σ		1.354%	0.096	0.343	0.266	0.000	0.832	112.700	131.000
%RSD		1.773	2.081	2.085	1.617	0.000	0.378	0.742	0.825
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:04:59	80700.000	1830.000	0.000	6335.000	10370.000	10090.000	85.081%	617.500
2	22:05:42	80660.000	1783.000	0.000	6226.000	10160.000	10070.000	82.824%	624.700
3	22:06:25	82950.000	1823.000	0.000	6367.000	10540.000	10260.000	80.071%	634.100
X		81430.000	1812.000	0.000	6309.000	10360.000	10140.000	82.659%	625.400
σ		1311.000	25.860	0.000	73.810	190.100	106.700	2.509%	8.329
%RSD		1.609	1.427	0.000	1.170	1.836	1.052	3.036	1.332
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:04:59	166.800	184.300	6006.000	218700.000	223600.000	77.340	170.400	121.100
2	22:05:42	169.700	189.900	6037.000	217700.000	222400.000	77.820	171.700	122.000
3	22:06:25	173.400	189.300	6118.000	221600.000	224800.000	78.210	171.100	122.100
X		170.000	187.800	6054.000	219300.000	223600.000	77.790	171.100	121.700
σ		3.335	3.072	58.020	2003.000	1189.000	0.438	0.665	0.559
%RSD		1.962	1.636	0.958	0.913	0.532	0.563	0.389	0.459
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:04:59	122.400	471.800	480.800	122.600	3.565	4.740	0.000	69.320
2	22:05:42	122.700	475.400	483.000	122.400	3.679	4.350	0.000	70.100
3	22:06:25	123.700	482.200	492.100	124.000	3.601	4.469	0.000	71.120
X		122.900	476.400	485.300	123.000	3.615	4.519	0.000	70.180
σ		0.679	5.287	5.997	0.852	0.058	0.200	0.000	0.905
%RSD		0.552	1.110	1.236	0.693	1.615	4.422	0.000	1.289
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:04:59	0.000	11.800	11.270	75.528%	0.226	0.208	1.301	1.200
2	22:05:42	0.000	11.400	11.740	74.389%	0.236	0.211	1.340	1.137
3	22:06:25	0.000	11.730	11.700	73.195%	0.223	0.206	1.328	1.205
X		0.000	11.640	11.570	74.370%	0.228	0.208	1.323	1.181
σ		0.000	0.215	0.263	1.167%	0.007	0.003	0.020	0.038
%RSD		0.000	1.848	2.274	1.569	2.925	1.330	1.508	3.184
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:04:59	77.468%	7.431	1.030	1.149	540.400	541.400	85.405%	85.406%
2	22:05:42	76.960%	7.456	1.160	1.162	548.900	546.700	85.496%	85.845%
3	22:06:25	75.876%	7.355	1.163	1.128	545.900	548.600	85.938%	85.356%
X		76.768%	7.414	1.118	1.146	545.100	545.600	85.613%	85.536%
σ		0.813%	0.052	0.076	0.017	4.292	3.707	0.285%	0.269%
%RSD		1.060	0.704	6.783	1.509	0.787	0.679	0.333	0.315
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	22:04:59	1.392	1.373	133.000	130.600	131.500	78.566%		
2	22:05:42	1.421	1.409	135.000	132.700	133.400	78.840%		
3	22:06:25	1.391	1.402	136.800	134.200	134.700	78.324%		
X		1.402	1.395	134.900	132.500	133.200	78.577%		
σ		0.017	0.019	1.857	1.832	1.620	0.258%		
%RSD		1.210	1.356	1.376	1.383	1.216	0.329		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:09:19	66.972%	94.120	79.280	79.980	0.000	8681.000	26230.000	27270.000
2	22:10:02	65.250%	95.440	80.440	81.350	0.000	8594.000	26510.000	27670.000
3	22:10:45	65.704%	92.790	80.060	79.090	0.000	8166.000	25120.000	26540.000
X		65.975%	94.110	79.930	80.140	0.000	8480.000	25950.000	27160.000
σ		0.893%	1.326	0.593	1.139	0.000	275.900	735.700	572.300
%RSD		1.353	1.409	0.741	1.422	0.000	3.253	2.835	2.107
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:09:19	115900.000	1404.000	0.000	17100.000	19770.000	20610.000	73.853%	908.700
2	22:10:02	117300.000	1422.000	0.000	17440.000	20420.000	20920.000	70.967%	935.800
3	22:10:45	112400.000	1113.000	0.000	16330.000	19300.000	20160.000	70.785%	911.200
X		115200.000	1313.000	0.000	16960.000	19830.000	20560.000	71.869%	918.600
σ		2534.000	173.300	0.000	566.300	561.000	379.600	1.721%	14.960
%RSD		2.200	13.200	0.000	3.340	2.829	1.846	2.395	1.629
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:09:19	295.200	315.300	6176.000	257300.000	262800.000	164.400	280.300	218.700
2	22:10:02	301.300	321.400	6332.000	261900.000	267300.000	166.800	285.400	219.100
3	22:10:45	290.800	312.200	6176.000	255600.000	260400.000	160.500	276.100	214.700
X		295.800	316.300	6228.000	258300.000	263500.000	163.900	280.600	217.500
σ		5.294	4.705	89.820	3272.000	3540.000	3.158	4.668	2.424
%RSD		1.790	1.487	1.442	1.267	1.343	1.927	1.664	1.114
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:09:19	218.600	748.300	756.400	235.000	92.310	95.430	0.000	175.900
2	22:10:02	222.000	760.100	776.800	239.000	95.560	96.590	0.000	179.700
3	22:10:45	214.700	742.800	753.400	232.300	93.230	96.210	0.000	175.300
X		218.400	750.400	762.200	235.400	93.700	96.080	0.000	177.000
σ		3.643	8.823	12.720	3.401	1.675	0.591	0.000	2.371
%RSD		1.668	1.176	1.669	1.445	1.788	0.615	0.000	1.340
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:09:19	0.000	86.400	86.790	67.387%	82.580	82.710	86.780	87.120
2	22:10:02	0.000	88.080	89.000	67.078%	83.380	83.430	88.960	88.490
3	22:10:45	0.000	87.220	87.550	67.725%	81.210	80.970	85.570	85.480
X		0.000	87.240	87.780	67.397%	82.390	82.370	87.100	87.030
σ		0.000	0.840	1.123	0.323%	1.097	1.264	1.717	1.505
%RSD		0.000	0.963	1.279	0.480	1.332	1.534	1.972	1.730
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:09:19	71.882%	75.930	24.420	24.420	637.100	640.300	75.525%	74.752%
2	22:10:02	71.909%	77.240	25.070	24.760	643.400	648.000	76.327%	76.089%
3	22:10:45	73.562%	74.310	24.260	24.010	623.700	624.000	78.618%	78.491%
X		72.451%	75.820	24.580	24.400	634.700	637.400	76.823%	76.444%
σ		0.962%	1.468	0.426	0.373	10.030	12.250	1.605%	1.895%
%RSD		1.328	1.936	1.733	1.529	1.580	1.923	2.089	2.478
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	22:09:19	79.220	79.030	216.900	218.900	217.100	71.469%		
2	22:10:02	82.050	82.210	222.900	224.800	222.700	71.798%		
3	22:10:45	79.310	79.570	215.900	218.200	215.900	73.775%		
X		80.200	80.270	218.600	220.600	218.600	72.347%		
σ		1.610	1.702	3.801	3.625	3.653	1.247%		
%RSD		2.008	2.120	1.739	1.643	1.672	1.724		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:13:39	72.741%	50.290	863.500	861.200	0.000	44430.000	55440.000	57360.000
2	22:14:22	70.906%	50.680	874.900	867.100	0.000	43480.000	55160.000	57260.000
3	22:15:05	71.442%	50.380	864.700	883.500	0.000	43960.000	55170.000	57790.000
X		71.696%	50.450	867.700	870.600	0.000	43960.000	55260.000	57470.000
σ		0.943%	0.203	6.244	11.530	0.000	475.100	162.900	280.200
%RSD		1.316	0.403	0.720	1.324	0.000	1.081	0.295	0.487
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:13:39	77340.000	10270.000	0.000	48670.000	52560.000	54010.000	82.144%	1418.000
2	22:14:22	78380.000	10300.000	0.000	47960.000	52390.000	53870.000	81.595%	1421.000
3	22:15:05	79100.000	10390.000	0.000	49240.000	54410.000	54620.000	81.141%	1456.000
X		78270.000	10320.000	0.000	48630.000	53120.000	54170.000	81.627%	1431.000
σ		882.000	61.270	0.000	640.100	1119.000	403.000	0.502%	20.910
%RSD		1.127	0.594	0.000	1.316	2.107	0.744	0.615	1.461
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:13:39	651.700	368.200	6475.000	225700.000	228100.000	550.100	612.600	341.800
2	22:14:22	652.400	367.300	6478.000	223000.000	227900.000	550.600	615.400	338.700
3	22:15:05	661.800	371.700	6621.000	227300.000	233600.000	565.400	627.400	349.600
X		655.300	369.100	6525.000	225300.000	229800.000	555.400	618.500	343.400
σ		5.632	2.360	83.110	2172.000	3224.000	8.660	7.864	5.621
%RSD		0.859	0.639	1.274	0.964	1.403	1.559	1.272	1.637
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:13:39	346.500	906.100	922.800	154.000	13.380	15.590	0.000	1098.000
2	22:14:22	343.500	905.900	922.300	152.300	13.180	14.900	0.000	1102.000
3	22:15:05	349.200	925.400	945.200	156.300	12.770	15.670	0.000	1129.000
X		346.400	912.500	930.100	154.200	13.110	15.380	0.000	1109.000
σ		2.889	11.220	13.080	2.013	0.313	0.421	0.000	16.750
%RSD		0.834	1.229	1.406	1.306	2.387	2.736	0.000	1.510
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:13:39	0.000	979.400	978.700	67.716%	47.790	47.220	47.160	41.290
2	22:14:22	0.000	982.400	985.100	69.209%	47.670	47.400	46.640	41.820
3	22:15:05	0.000	1004.000	1010.000	69.512%	48.490	47.900	48.360	41.160
X		0.000	988.700	991.100	68.812%	47.990	47.510	47.390	41.420
σ		0.000	13.630	16.280	0.962%	0.441	0.351	0.880	0.348
%RSD		0.000	1.379	1.643	1.397	0.919	0.738	1.858	0.839
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:13:39	73.295%	1870.000	418.200	417.200	2304.000	2306.000	81.485%	81.046%
2	22:14:22	75.668%	1858.000	417.600	417.100	2305.000	2303.000	84.669%	84.440%
3	22:15:05	76.141%	1892.000	427.100	424.100	2333.000	2327.000	85.710%	85.102%
X		75.035%	1873.000	421.000	419.500	2314.000	2312.000	83.955%	83.529%
σ		1.525%	17.460	5.293	4.015	16.670	13.160	2.201%	2.176%
%RSD		2.032	0.932	1.257	0.957	0.721	0.569	2.622	2.605
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	22:13:39	50.080	50.010	152.200	149.600	150.800	69.427%		
2	22:14:22	49.550	49.840	150.100	147.700	148.700	72.636%		
3	22:15:05	49.920	49.930	151.000	149.500	150.100	73.993%		
X		49.850	49.930	151.100	149.000	149.900	72.019%		
σ		0.270	0.085	1.052	1.105	1.029	2.345%		
%RSD		0.542	0.170	0.696	0.742	0.686	3.256		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:20:56	82.777%	5.066	31.510	31.960	0.000	451.200	21260.000	22270.000
2	22:21:39	84.162%	5.235	30.950	31.130	0.000	449.500	20850.000	22060.000
3	22:22:22	81.835%	5.220	31.320	31.720	0.000	456.700	21480.000	22650.000
X		82.925%	5.174	31.260	31.600	0.000	452.500	21190.000	22330.000
σ		1.171%	0.094	0.287	0.427	0.000	3.766	318.700	295.100
%RSD		1.412	1.812	0.919	1.352	0.000	0.832	1.504	1.322
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:20:56	85400.000	2705.000	0.000	8222.000	41810.000	43070.000	89.856%	644.800
2	22:21:39	84320.000	2634.000	0.000	7991.000	41660.000	43030.000	90.240%	649.000
3	22:22:22	86580.000	2708.000	0.000	8290.000	42310.000	44010.000	88.450%	653.900
X		85430.000	2682.000	0.000	8167.000	41930.000	43370.000	89.515%	649.200
σ		1132.000	42.040	0.000	156.800	340.900	552.500	0.943%	4.563
%RSD		1.325	1.568	0.000	1.920	0.813	1.274	1.053	0.703
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:20:56	164.500	173.900	4017.000	222700.000	228700.000	83.000	173.200	129.900
2	22:21:39	167.000	175.700	4060.000	223800.000	229100.000	83.000	172.300	128.500
3	22:22:22	171.500	176.500	4130.000	228600.000	234000.000	85.010	176.200	131.600
X		167.700	175.400	4069.000	225000.000	230600.000	83.670	173.900	130.000
σ		3.536	1.327	57.330	3137.000	2945.000	1.161	2.038	1.555
%RSD		2.109	0.757	1.409	1.394	1.277	1.388	1.172	1.196
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:20:56	129.700	404.600	411.700	113.200	3.680	5.771	0.000	168.400
2	22:21:39	130.900	408.300	414.200	114.800	3.865	5.456	0.000	170.700
3	22:22:22	131.700	414.800	425.700	116.700	3.891	5.782	0.000	174.400
X		130.800	409.200	417.200	114.900	3.812	5.670	0.000	171.200
σ		1.047	5.130	7.482	1.719	0.115	0.185	0.000	3.073
%RSD		0.800	1.254	1.793	1.496	3.024	3.260	0.000	1.796
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:20:56	0.000	13.230	13.300	76.920%	0.270	0.195	1.358	1.132
2	22:21:39	0.000	12.630	12.750	77.872%	0.257	0.184	1.292	1.073
3	22:22:22	0.000	12.650	12.780	77.558%	0.280	0.215	1.467	1.182
X		0.000	12.840	12.940	77.450%	0.269	0.198	1.373	1.129
σ		0.000	0.343	0.306	0.485%	0.012	0.015	0.088	0.054
%RSD		0.000	2.671	2.362	0.627	4.408	7.760	6.443	4.792
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:20:56	77.423%	11.130	1.153	1.210	514.800	517.500	82.961%	82.570%
2	22:21:39	79.523%	9.397	1.011	1.047	519.000	519.600	85.475%	85.219%
3	22:22:22	79.653%	8.905	0.941	0.976	524.700	522.000	86.225%	86.013%
X		78.866%	9.810	1.035	1.078	519.500	519.700	84.887%	84.601%
σ		1.252%	1.167	0.108	0.120	4.988	2.213	1.710%	1.803%
%RSD		1.588	11.900	10.450	11.140	0.960	0.426	2.014	2.131
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	22:20:56	1.408	1.411	133.400	131.500	131.700	75.509%		
2	22:21:39	1.368	1.350	134.600	133.800	133.900	76.978%		
3	22:22:22	1.382	1.386	137.500	135.100	136.100	77.330%		
X		1.386	1.382	135.100	133.400	133.900	76.606%		
σ		0.021	0.030	2.091	1.825	2.204	0.966%		
%RSD		1.485	2.201	1.547	1.368	1.646	1.260		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:25:15	81.734%	4.057	18.230	18.220	0.000	238.100	16710.000	17610.000
2	22:25:58	75.851%	4.001	17.880	17.470	0.000	231.900	16290.000	17500.000
3	22:26:41	74.122%	4.087	17.440	17.650	0.000	227.900	16660.000	17600.000
X		77.236%	4.048	17.850	17.780	0.000	232.600	16550.000	17570.000
σ		3.991%	0.044	0.398	0.393	0.000	5.156	230.500	61.420
%RSD		5.167	1.082	2.228	2.209	0.000	2.217	1.393	0.350
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:25:15	63960.000	1560.000	0.000	6848.000	9833.000	9552.000	84.196%	479.400
2	22:25:58	63610.000	1517.000	0.000	6636.000	9824.000	9657.000	77.918%	475.000
3	22:26:41	62990.000	1506.000	0.000	6698.000	9857.000	9701.000	76.769%	474.900
X		63520.000	1528.000	0.000	6727.000	9838.000	9637.000	79.627%	476.400
σ		491.400	28.320	0.000	108.700	16.800	76.510	3.998%	2.567
%RSD		0.774	1.854	0.000	1.616	0.171	0.794	5.021	0.539
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:25:15	126.800	145.600	5074.000	231700.000	238100.000	77.020	194.400	170.600
2	22:25:58	122.300	144.400	5152.000	236100.000	240300.000	77.980	196.700	172.600
3	22:26:41	123.400	145.600	5050.000	232700.000	237800.000	77.080	194.600	171.400
X		124.200	145.200	5092.000	233500.000	238700.000	77.360	195.200	171.500
σ		2.352	0.678	53.600	2289.000	1342.000	0.536	1.262	0.970
%RSD		1.894	0.467	1.053	0.980	0.562	0.693	0.646	0.565
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:25:15	171.900	543.300	552.300	153.800	2.703	5.032	0.000	60.100
2	22:25:58	173.700	552.700	562.900	157.100	2.691	4.894	0.000	61.050
3	22:26:41	173.000	550.200	558.100	154.600	2.303	4.021	0.000	60.990
X		172.900	548.700	557.700	155.200	2.566	4.649	0.000	60.710
σ		0.898	4.854	5.329	1.691	0.228	0.548	0.000	0.530
%RSD		0.519	0.884	0.956	1.090	8.867	11.790	0.000	0.873
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:25:15	0.000	11.670	11.500	74.810%	0.225	0.161	1.486	1.329
2	22:25:58	0.000	11.910	11.740	71.654%	0.231	0.170	1.594	1.429
3	22:26:41	0.000	11.600	11.660	71.499%	0.203	0.169	1.492	1.336
X		0.000	11.730	11.630	72.654%	0.219	0.166	1.524	1.365
σ		0.000	0.162	0.126	1.869%	0.015	0.005	0.061	0.056
%RSD		0.000	1.382	1.083	2.572	6.745	3.030	3.975	4.100
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:25:15	75.694%	7.177	1.138	1.173	445.400	446.200	84.498%	83.811%
2	22:25:58	74.046%	7.029	1.212	1.169	444.200	443.800	83.779%	83.501%
3	22:26:41	73.711%	7.219	1.164	1.183	442.700	442.800	84.642%	84.214%
X		74.484%	7.141	1.171	1.175	444.100	444.300	84.306%	83.842%
σ		1.061%	0.100	0.038	0.007	1.360	1.774	0.463%	0.357%
%RSD		1.425	1.400	3.222	0.604	0.306	0.399	0.549	0.426
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	22:25:15	1.246	1.244	125.000	123.700	124.200	74.795%		
2	22:25:58	1.261	1.254	123.100	122.400	122.500	76.398%		
3	22:26:41	1.222	1.273	124.200	123.100	123.400	76.412%		
X		1.243	1.257	124.100	123.100	123.400	75.868%		
σ		0.020	0.014	0.938	0.620	0.850	0.929%		
%RSD		1.569	1.146	0.756	0.503	0.689	1.225		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:29:33	77.356%	4.022	21.460	20.920	0.000	280.200	18900.000	19520.000
2	22:30:16	77.404%	3.776	20.460	20.450	0.000	277.200	18850.000	19670.000
3	22:30:59	75.489%	3.729	20.800	20.980	0.000	284.600	19010.000	20000.000
X		76.749%	3.842	20.910	20.780	0.000	280.700	18920.000	19730.000
σ		1.092%	0.157	0.512	0.290	0.000	3.704	79.400	247.000
%RSD		1.423	4.093	2.449	1.394	0.000	1.320	0.420	1.252
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:29:33	72050.000	1848.000	0.000	6883.000	12090.000	11850.000	80.801%	579.200
2	22:30:16	71570.000	1835.000	0.000	6775.000	12360.000	12060.000	78.329%	574.600
3	22:30:59	73310.000	1872.000	0.000	6878.000	12410.000	12120.000	76.715%	586.800
X		72310.000	1852.000	0.000	6845.000	12290.000	12010.000	78.615%	580.200
σ		896.700	18.520	0.000	60.730	176.200	140.900	2.058%	6.187
%RSD		1.240	1.000	0.000	0.887	1.434	1.173	2.617	1.066
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:29:33	148.000	188.600	3217.000	222300.000	226700.000	75.960	205.900	180.000
2	22:30:16	145.000	191.500	3302.000	227100.000	231800.000	77.720	208.800	183.400
3	22:30:59	148.200	191.700	3363.000	230800.000	236600.000	78.810	209.900	185.500
X		147.100	190.600	3294.000	226700.000	231700.000	77.500	208.200	183.000
σ		1.786	1.721	73.120	4262.000	4945.000	1.436	2.075	2.814
%RSD		1.215	0.902	2.220	1.880	2.134	1.853	0.997	1.538
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:29:33	180.900	539.600	546.400	129.500	2.083	3.976	0.000	65.210
2	22:30:16	183.600	547.200	557.400	131.100	2.238	4.258	0.000	66.400
3	22:30:59	187.700	562.100	572.600	133.100	1.930	4.571	0.000	67.040
X		184.100	549.700	558.800	131.300	2.084	4.268	0.000	66.220
σ		3.419	11.410	13.140	1.806	0.154	0.297	0.000	0.927
%RSD		1.857	2.076	2.352	1.376	7.386	6.967	0.000	1.400
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:29:33	0.000	11.540	11.250	70.352%	0.203	0.118	1.914	1.414
2	22:30:16	0.000	11.660	11.530	70.354%	0.206	0.111	1.878	1.519
3	22:30:59	0.000	11.780	11.710	69.739%	0.216	0.113	1.744	1.363
X		0.000	11.660	11.490	70.149%	0.208	0.114	1.845	1.432
σ		0.000	0.124	0.232	0.355%	0.007	0.004	0.089	0.079
%RSD		0.000	1.062	2.018	0.505	3.291	3.570	4.839	5.550
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:29:33	71.377%	6.982	0.987	0.950	444.200	443.300	79.973%	79.647%
2	22:30:16	71.802%	7.237	1.065	1.005	451.900	449.300	80.976%	81.076%
3	22:30:59	71.704%	7.099	0.993	0.979	454.300	450.600	81.548%	80.983%
X		71.627%	7.106	1.015	0.978	450.100	447.700	80.832%	80.569%
σ		0.222%	0.128	0.044	0.028	5.298	3.906	0.797%	0.800%
%RSD		0.311	1.803	4.307	2.825	1.177	0.872	0.986	0.993
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	22:29:33	1.377	1.419	117.000	115.600	115.700	71.531%		
2	22:30:16	1.382	1.401	118.600	117.600	117.700	72.906%		
3	22:30:59	1.410	1.434	119.500	117.600	118.300	73.300%		
X		1.389	1.418	118.400	116.900	117.200	72.579%		
σ		0.018	0.017	1.263	1.121	1.355	0.929%		
%RSD		1.288	1.171	1.067	0.959	1.156	1.280		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:33:51	73.904%	5.279	18.060	18.110	0.000	276.100	22140.000	23090.000
2	22:34:34	72.988%	5.381	17.230	18.510	0.000	281.100	22180.000	23250.000
3	22:35:17	73.305%	5.469	18.950	18.660	0.000	275.600	21830.000	22960.000
X		73.399%	5.376	18.080	18.430	0.000	277.600	22050.000	23100.000
σ		0.465%	0.095	0.861	0.285	0.000	3.028	190.200	148.000
%RSD		0.634	1.769	4.761	1.545	0.000	1.091	0.862	0.641
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:33:51	86050.000	1803.000	0.000	8452.000	9694.000	9576.000	78.923%	645.900
2	22:34:34	86350.000	1805.000	0.000	8531.000	9957.000	9692.000	77.162%	647.600
3	22:35:17	85290.000	1795.000	0.000	8446.000	9884.000	9647.000	76.497%	663.600
X		85890.000	1801.000	0.000	8476.000	9845.000	9638.000	77.527%	652.400
σ		546.200	5.473	0.000	47.710	135.500	58.680	1.254%	9.754
%RSD		0.636	0.304	0.000	0.563	1.377	0.609	1.617	1.495
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:33:51	182.600	215.500	6092.000	281000.000	290700.000	115.200	249.800	196.200
2	22:34:34	181.800	220.100	6127.000	281500.000	290400.000	116.700	253.600	197.300
3	22:35:17	187.500	222.000	6251.000	286500.000	294200.000	116.700	255.400	197.300
X		184.000	219.200	6157.000	283000.000	291800.000	116.200	252.900	197.000
σ		3.062	3.336	83.320	3053.000	2135.000	0.850	2.834	0.645
%RSD		1.665	1.522	1.353	1.079	0.732	0.731	1.121	0.327
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:33:51	197.800	665.900	680.300	172.500	3.203	5.523	0.000	68.580
2	22:34:34	197.200	672.300	682.100	171.300	3.036	5.821	0.000	69.120
3	22:35:17	202.100	673.600	690.700	173.600	3.150	5.625	0.000	70.220
X		199.000	670.600	684.400	172.500	3.130	5.656	0.000	69.310
σ		2.700	4.134	5.602	1.122	0.086	0.151	0.000	0.832
%RSD		1.357	0.617	0.819	0.651	2.733	2.670	0.000	1.200
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:33:51	0.000	14.100	13.680	68.531%	0.295	0.206	2.139	1.806
2	22:34:34	0.000	13.980	13.930	69.097%	0.296	0.227	2.123	1.837
3	22:35:17	0.000	14.150	14.070	68.564%	0.305	0.197	1.975	1.614
X		0.000	14.080	13.890	68.731%	0.298	0.210	2.079	1.752
σ		0.000	0.084	0.199	0.318%	0.006	0.015	0.091	0.121
%RSD		0.000	0.597	1.436	0.462	1.880	7.267	4.370	6.904
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:33:51	70.048%	6.716	1.325	1.362	507.300	503.400	79.074%	78.133%
2	22:34:34	71.294%	6.788	1.278	1.214	509.900	505.900	80.798%	80.207%
3	22:35:17	71.156%	6.736	1.282	1.257	508.800	509.500	81.316%	80.771%
X		70.833%	6.747	1.295	1.278	508.600	506.300	80.396%	79.704%
σ		0.683%	0.037	0.026	0.076	1.298	3.041	1.174%	1.389%
%RSD		0.965	0.550	1.993	5.966	0.255	0.601	1.460	1.743
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	22:33:51	1.718	1.732	175.200	172.600	173.600	71.194%		
2	22:34:34	1.800	1.749	178.400	176.200	176.200	72.252%		
3	22:35:17	1.761	1.767	178.300	175.500	176.400	72.578%		
X		1.759	1.750	177.300	174.800	175.400	72.008%		
σ		0.041	0.018	1.855	1.889	1.576	0.724%		
%RSD		2.337	1.002	1.046	1.081	0.898	1.005		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:38:08	76.278%	5.365	13.450	13.720	0.000	194.600	14550.000	15300.000
2	22:38:51	73.401%	5.332	14.150	13.650	0.000	195.000	14470.000	15190.000
3	22:39:34	72.396%	5.608	13.630	13.650	0.000	197.800	14620.000	15510.000
X		74.025%	5.435	13.740	13.680	0.000	195.800	14550.000	15330.000
σ		2.015%	0.151	0.362	0.041	0.000	1.734	72.130	161.900
%RSD		2.722	2.778	2.638	0.300	0.000	0.886	0.496	1.056
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:38:08	82910.000	1395.000	0.000	6488.000	11520.000	11290.000	78.647%	423.600
2	22:38:51	83280.000	1396.000	0.000	6362.000	11360.000	11210.000	76.784%	421.600
3	22:39:34	83620.000	1396.000	0.000	6454.000	11670.000	11420.000	74.063%	434.000
X		83270.000	1396.000	0.000	6434.000	11520.000	11310.000	76.498%	426.400
σ		352.600	0.922	0.000	65.140	151.100	107.600	2.305%	6.622
%RSD		0.423	0.066	0.000	1.012	1.312	0.951	3.014	1.553
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:38:08	161.800	182.800	10530.000	227400.000	231800.000	97.890	204.700	128.500
2	22:38:51	161.300	179.800	10510.000	228200.000	232800.000	97.830	203.800	128.600
3	22:39:34	167.200	186.800	11100.000	237400.000	242300.000	101.800	211.800	133.800
X		163.400	183.100	10710.000	231000.000	235600.000	99.160	206.700	130.300
σ		3.249	3.512	335.000	5583.000	5771.000	2.252	4.373	3.050
%RSD		1.988	1.918	3.128	2.417	2.449	2.271	2.115	2.341
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:38:08	128.800	502.100	510.800	182.600	3.455	5.129	0.000	78.120
2	22:38:51	130.600	508.900	513.500	180.200	3.702	5.473	0.000	78.200
3	22:39:34	132.900	525.600	535.200	187.900	3.310	5.243	0.000	80.450
X		130.800	512.200	519.800	183.500	3.489	5.282	0.000	78.920
σ		2.040	12.100	13.390	3.948	0.198	0.175	0.000	1.321
%RSD		1.560	2.362	2.576	2.151	5.678	3.314	0.000	1.674
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:38:08	0.000	13.390	13.480	69.381%	0.438	0.407	1.781	1.625
2	22:38:51	0.000	13.910	13.510	69.197%	0.420	0.401	1.852	1.534
3	22:39:34	0.000	14.150	13.740	68.853%	0.402	0.412	1.892	1.695
X		0.000	13.820	13.570	69.144%	0.420	0.407	1.842	1.618
σ		0.000	0.387	0.140	0.268%	0.018	0.006	0.056	0.081
%RSD		0.000	2.800	1.032	0.388	4.242	1.448	3.062	4.995
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:38:08	70.367%	7.124	3.380	3.352	711.600	708.600	78.196%	78.542%
2	22:38:51	70.958%	7.318	3.368	3.445	705.800	707.400	79.748%	80.309%
3	22:39:34	71.199%	7.359	3.370	3.396	719.200	718.800	80.038%	80.148%
X		70.841%	7.267	3.373	3.397	712.200	711.600	79.327%	79.667%
σ		0.428%	0.126	0.007	0.046	6.720	6.266	0.990%	0.977%
%RSD		0.604	1.726	0.195	1.364	0.944	0.880	1.248	1.226
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	22:38:08	1.357	1.357	190.600	188.300	188.500	71.620%		
2	22:38:51	1.332	1.368	187.000	185.200	185.400	74.600%		
3	22:39:34	1.406	1.388	192.900	190.500	191.300	73.653%		
X		1.365	1.371	190.100	188.000	188.400	73.291%		
σ		0.037	0.016	2.956	2.642	2.925	1.523%		
%RSD		2.744	1.146	1.555	1.405	1.552	2.078		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:42:27	72.415%	4.457	13.790	14.350	0.000	223.400	20010.000	20790.000
2	22:43:10	73.337%	4.438	13.780	13.760	0.000	221.800	19710.000	20570.000
3	22:43:53	70.402%	4.655	14.060	14.560	0.000	226.100	20290.000	21190.000
X		72.051%	4.517	13.880	14.220	0.000	223.800	20000.000	20850.000
σ		1.501%	0.120	0.159	0.412	0.000	2.127	292.200	313.000
%RSD		2.084	2.662	1.147	2.895	0.000	0.950	1.460	1.501
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:42:27	79160.000	1365.000	0.000	7491.000	8401.000	8170.000	75.880%	604.300
2	22:43:10	78820.000	1345.000	0.000	7561.000	8490.000	8293.000	74.568%	596.700
3	22:43:53	80510.000	1382.000	0.000	7643.000	8521.000	8382.000	73.852%	613.900
X		79500.000	1364.000	0.000	7565.000	8471.000	8281.000	74.767%	604.900
σ		893.100	18.600	0.000	75.650	62.610	106.500	1.029%	8.626
%RSD		1.123	1.364	0.000	1.000	0.739	1.286	1.376	1.426
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:42:27	167.900	157.400	4972.000	258800.000	265000.000	100.300	200.700	188.400
2	22:43:10	166.900	159.100	5018.000	263600.000	270300.000	101.900	201.800	191.400
3	22:43:53	167.700	159.500	5092.000	265800.000	272500.000	102.500	201.800	190.200
X		167.500	158.700	5027.000	262700.000	269300.000	101.600	201.500	190.000
σ		0.517	1.150	60.920	3585.000	3841.000	1.128	0.659	1.533
%RSD		0.309	0.725	1.212	1.364	1.426	1.111	0.327	0.807
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:42:27	190.200	594.000	599.500	172.800	4.149	6.477	0.000	59.220
2	22:43:10	190.100	603.500	612.100	174.600	4.710	7.514	0.000	60.850
3	22:43:53	192.900	606.400	617.200	175.100	4.553	6.078	0.000	61.630
X		191.100	601.300	609.600	174.200	4.471	6.690	0.000	60.570
σ		1.610	6.524	9.124	1.205	0.289	0.741	0.000	1.231
%RSD		0.843	1.085	1.497	0.692	6.469	11.080	0.000	2.033
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:42:27	0.000	11.610	11.810	68.439%	0.163	0.112	1.806	1.491
2	22:43:10	0.000	11.890	12.160	67.920%	0.183	0.114	1.553	1.278
3	22:43:53	0.000	11.860	12.150	68.102%	0.170	0.142	1.697	1.366
X		0.000	11.790	12.040	68.154%	0.172	0.123	1.685	1.378
σ		0.000	0.151	0.198	0.263%	0.010	0.017	0.127	0.107
%RSD		0.000	1.284	1.641	0.386	5.900	13.790	7.518	7.743
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:42:27	69.021%	5.647	1.168	1.187	483.000	482.900	78.001%	76.873%
2	22:43:10	70.170%	5.709	1.185	1.198	485.600	482.300	79.441%	78.673%
3	22:43:53	70.144%	5.817	1.178	1.231	488.000	488.600	80.034%	79.263%
X		69.778%	5.724	1.177	1.205	485.600	484.600	79.159%	78.270%
σ		0.656%	0.086	0.009	0.023	2.515	3.486	1.045%	1.245%
%RSD		0.940	1.502	0.727	1.909	0.518	0.719	1.321	1.591
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	22:42:27	1.264	1.275	148.000	146.500	147.200	71.034%		
2	22:43:10	1.283	1.315	151.600	149.600	149.600	72.297%		
3	22:43:53	1.341	1.312	151.700	149.500	150.400	73.069%		
X		1.296	1.301	150.500	148.500	149.100	72.133%		
σ		0.040	0.022	2.107	1.756	1.677	1.028%		
%RSD		3.081	1.711	1.401	1.182	1.125	1.424		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:49:38	71.854%	99.350	92.300	95.680	0.000	48220.000	45500.000	46120.000
2	22:50:21	72.219%	99.890	94.470	93.830	0.000	47520.000	45170.000	46510.000
3	22:51:04	70.426%	99.840	94.520	94.040	0.000	46780.000	44200.000	45480.000
x		71.500%	99.695%	93.767%	94.518%	0.000	95.014%	89.914%	92.066%
σ		0.948%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		1.325	0.302	1.352	1.070	0.000	1.523	1.505	1.131
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:49:38	465.500	4959.000	0.000	47820.000	47570.000	49090.000	77.021%	98.770
2	22:50:21	468.600	4973.000	0.000	48960.000	48290.000	50550.000	75.129%	98.830
3	22:51:04	459.500	4881.000	0.000	46560.000	47360.000	49200.000	76.595%	96.500
x		92.904%	98.750%	0.000	95.561%	95.482%	99.228%	76.248%	98.030%
σ		n/a	n/a	0.000	n/a	n/a	n/a	0.992%	n/a
%RSD		0.994	1.003	0.000	2.506	1.029	1.634	1.302	1.356
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:49:38	96.120	95.980	512.200	25640.000	25370.000	95.240	93.260	94.050
2	22:50:21	97.430	97.360	523.400	26290.000	25780.000	96.070	95.430	96.020
3	22:51:04	94.420	94.620	508.900	25180.000	24830.000	92.930	93.540	94.240
x		95.986%	95.989%	102.961%	102.809%	101.302%	94.744%	94.077%	94.768%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		1.571	1.428	1.474	2.164	1.884	1.719	1.255	1.148
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:49:38	94.610	99.320	100.200	96.610	100.300	99.890	0.000	94.890
2	22:50:21	95.690	101.700	101.500	96.960	102.100	103.400	0.000	96.280
3	22:51:04	92.690	98.890	99.710	95.070	99.650	100.500	0.000	93.420
x		94.328%	99.962%	100.464%	96.214%	100.670%	101.247%	0.000	94.865%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		1.613	1.503	0.906	1.042	1.231	1.835	0.000	1.506
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:49:38	74.202%	94.290	94.570	69.975%	95.480	96.240	99.270	100.200
2	22:50:21	76.109%	98.050	98.320	71.537%	96.570	97.180	99.620	101.600
3	22:51:04	77.470%	96.570	97.260	72.108%	94.400	94.890	97.650	99.070
x		75.927%	96.302%	96.717%	71.207%	95.482%	96.104%	98.844%	100.300%
σ		1.642%	n/a	n/a	1.104%	n/a	n/a	n/a	n/a
%RSD		2.162	1.966	1.999	1.551	1.137	1.201	1.064	1.269
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:49:38	70.402%	96.580	97.020	96.180	93.820	94.870	73.959%	75.161%
2	22:50:21	72.925%	96.430	96.720	96.720	95.120	94.560	77.448%	78.434%
3	22:51:04	74.225%	95.700	95.790	95.940	94.030	92.950	79.617%	81.023%
x		72.518%	96.239%	96.509%	96.278%	94.322%	94.126%	77.008%	78.206%
σ		1.944%	n/a	n/a	n/a	n/a	n/a	2.855%	2.938%
%RSD		2.680	0.488	0.662	0.414	0.740	1.095	3.707	3.757
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	22:49:38	94.160	94.160	94.740	94.230	94.210	72.660%		
2	22:50:21	95.600	95.710	96.540	96.070	95.690	75.263%		
3	22:51:04	93.660	93.850	94.270	94.740	94.380	77.203%		
x		94.472%	94.572%	95.185%	95.012%	94.758%	75.042%		
σ		n/a	n/a	n/a	n/a	n/a	2.280%		
%RSD		1.066	1.051	1.261	1.004	0.852	3.038		

CCB5 12/22/2012 10:56:55 PM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:57:38	89.189%	-0.008	0.794	0.698	0.000	1.566	2.708	3.048
2	22:58:21	85.116%	-0.010	0.563	0.758	0.000	1.487	2.570	3.091
3	22:59:04	86.421%	-0.011	0.620	0.653	0.000	1.508	2.835	2.820
X		86.909%	-0.009	0.659	0.703	0.000	1.520	2.704	2.986
σ		2.080%	0.002	0.121	0.053	0.000	0.041	0.133	0.146
%RSD		2.393	17.430	18.350	7.473	0.000	2.708	4.902	4.883
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:57:38	0.591	-2.742	0.000	-7.806	-3.024	2.301	97.157%	0.004
2	22:58:21	0.528	-2.295	0.000	-7.856	-2.856	3.766	92.785%	-0.020
3	22:59:04	0.471	-2.477	0.000	-8.098	6.942	4.313	93.399%	-0.031
X		0.530	-2.505	0.000	-7.920	0.354	3.460	94.447%	-0.015
σ		0.060	0.225	0.000	0.156	5.706	1.040	2.367%	0.018
%RSD		11.350	8.969	0.000	1.971	1612.000	30.070	2.506	116.900
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:57:38	0.005	0.002	0.353	5.427	13.430	-0.001	-0.014	-0.038
2	22:58:21	0.028	-0.006	0.334	1.932	10.940	-0.005	-0.018	-0.034
3	22:59:04	0.030	-0.001	0.323	-1.366	7.111	-0.002	-0.035	-0.047
X		0.021	-0.002	0.337	1.998	10.490	-0.003	-0.022	-0.040
σ		0.014	0.004	0.015	3.397	3.181	0.002	0.012	0.006
%RSD		64.970	206.500	4.487	170.000	30.320	77.950	51.930	16.180
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:57:38	-0.073	-0.402	-0.292	-0.149	-0.024	-0.736	0.000	0.018
2	22:58:21	-0.056	-0.357	-0.233	-0.149	-0.191	-0.781	0.000	0.014
3	22:59:04	-0.048	-0.291	-0.333	-0.262	-0.044	-1.296	0.000	0.017
X		-0.059	-0.350	-0.286	-0.187	-0.086	-0.938	0.000	0.016
σ		0.013	0.056	0.051	0.065	0.091	0.311	0.000	0.002
%RSD		21.500	15.920	17.690	34.710	106.000	33.200	0.000	12.070
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:57:38	77.910%	0.272	0.257	87.415%	-0.007	-0.005	0.024	0.017
2	22:58:21	78.260%	0.237	0.237	87.870%	0.002	-0.005	-0.042	-0.033
3	22:59:04	78.853%	0.187	0.181	88.213%	-0.002	-0.004	-0.027	-0.018
X		78.341%	0.232	0.225	87.832%	-0.002	-0.005	-0.015	-0.011
σ		0.477%	0.043	0.039	0.400%	0.005	0.001	0.035	0.026
%RSD		0.609	18.360	17.470	0.456	223.300	14.500	230.800	227.500
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:57:38	84.476%	-0.347	-0.060	-0.046	0.003	0.008	83.315%	84.074%
2	22:58:21	85.198%	-0.410	-0.060	-0.049	-0.010	0.018	85.041%	85.789%
3	22:59:04	84.624%	-0.469	-0.066	-0.058	0.015	0.018	85.364%	86.106%
X		84.766%	-0.409	-0.062	-0.051	0.003	0.015	84.574%	85.323%
σ		0.382%	0.061	0.003	0.006	0.012	0.006	1.102%	1.093%
%RSD		0.450	15.000	5.154	12.390	446.100	39.430	1.303	1.281
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	22:57:38	0.011	0.016	0.084	0.080	0.084	92.085%		
2	22:58:21	0.007	0.017	0.082	0.072	0.073	94.074%		
3	22:59:04	0.013	0.012	0.068	0.074	0.067	93.718%		
X		0.011	0.015	0.078	0.076	0.075	93.292%		
σ		0.003	0.003	0.009	0.004	0.008	1.061%		
%RSD		26.870	18.490	11.280	5.821	11.300	1.137		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:01:59	79.006%	5.523	20.960	22.440	0.000	306.700	15630.000	16230.000
2	23:02:42	75.302%	5.601	22.570	23.320	0.000	315.500	15870.000	16740.000
3	23:03:25	73.871%	5.533	23.400	23.480	0.000	314.600	15640.000	16380.000
X		76.060%	5.552	22.310	23.080	0.000	312.300	15710.000	16450.000
σ		2.650%	0.042	1.240	0.565	0.000	4.814	134.400	258.400
%RSD		3.484	0.764	5.559	2.446	0.000	1.542	0.855	1.571
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:01:59	68740.000	2113.000	0.000	5813.000	17960.000	18760.000	83.649%	533.400
2	23:02:42	71820.000	2139.000	0.000	5978.000	18800.000	19420.000	75.882%	554.100
3	23:03:25	71090.000	2125.000	0.000	5919.000	18480.000	19130.000	74.972%	549.100
X		70550.000	2126.000	0.000	5903.000	18410.000	19100.000	78.168%	545.500
σ		1609.000	12.990	0.000	83.750	422.400	328.100	4.769%	10.770
%RSD		2.280	0.611	0.000	1.419	2.294	1.718	6.101	1.975
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:01:59	153.500	200.400	8110.000	277200.000	288300.000	82.680	194.700	143.300
2	23:02:42	159.900	210.300	8503.000	291500.000	299700.000	85.090	201.200	150.600
3	23:03:25	162.300	211.400	8451.000	289600.000	298600.000	85.700	202.000	149.100
X		158.600	207.400	8354.000	286100.000	295500.000	84.490	199.300	147.700
σ		4.564	6.080	213.300	7769.000	6311.000	1.595	4.013	3.868
%RSD		2.879	2.932	2.553	2.716	2.136	1.888	2.014	2.620
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:01:59	145.300	565.600	575.400	123.800	3.327	5.055	0.000	99.370
2	23:02:42	151.000	589.300	603.100	126.700	3.171	5.144	0.000	102.900
3	23:03:25	151.100	588.500	601.200	127.300	3.289	4.982	0.000	103.000
X		149.100	581.100	593.200	126.000	3.262	5.060	0.000	101.700
σ		3.298	13.480	15.440	1.866	0.082	0.081	0.000	2.065
%RSD		2.212	2.320	2.602	1.481	2.501	1.600	0.000	2.029
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:01:59	0.000	14.110	13.860	71.682%	0.274	0.233	1.998	1.749
2	23:02:42	0.000	14.310	14.290	68.374%	0.284	0.232	1.954	1.755
3	23:03:25	0.000	14.520	14.200	68.127%	0.287	0.279	1.964	1.650
X		0.000	14.310	14.120	69.394%	0.282	0.248	1.972	1.718
σ		0.000	0.209	0.227	1.985%	0.007	0.027	0.023	0.059
%RSD		0.000	1.457	1.609	2.860	2.551	10.870	1.154	3.422
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:01:59	71.806%	9.355	1.232	1.277	554.100	555.500	79.592%	79.686%
2	23:02:42	69.974%	9.528	1.241	1.252	564.600	565.000	79.187%	79.251%
3	23:03:25	69.972%	9.331	1.269	1.231	560.500	561.300	79.286%	79.763%
X		70.584%	9.405	1.247	1.254	559.700	560.600	79.355%	79.567%
σ		1.058%	0.108	0.019	0.023	5.334	4.798	0.211%	0.276%
%RSD		1.500	1.144	1.545	1.851	0.953	0.856	0.266	0.346
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	23:01:59	1.280	1.272	183.600	181.700	181.700	72.459%		
2	23:02:42	1.335	1.355	190.600	188.800	188.700	71.720%		
3	23:03:25	1.372	1.371	191.000	188.200	188.400	71.987%		
X		1.329	1.333	188.400	186.200	186.300	72.055%		
σ		0.046	0.053	4.161	3.926	3.950	0.374%		
%RSD		3.478	4.000	2.209	2.108	2.121	0.520		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:06:18	73.383%	4.849	20.100	20.330	0.000	395.500	26680.000	27980.000
2	23:07:01	73.424%	4.918	20.530	20.620	0.000	386.500	26350.000	28130.000
3	23:07:44	74.244%	4.840	20.210	21.020	0.000	390.900	26540.000	28020.000
X		73.683%	4.869	20.280	20.660	0.000	390.900	26520.000	28040.000
σ		0.486%	0.043	0.224	0.348	0.000	4.466	167.900	77.200
%RSD		0.660	0.884	1.103	1.683	0.000	1.142	0.633	0.275
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:06:18	95620.000	1671.000	0.000	9308.000	19730.000	20290.000	77.803%	522.700
2	23:07:01	96430.000	1661.000	0.000	9282.000	19790.000	20640.000	76.157%	532.500
3	23:07:44	94920.000	1634.000	0.000	9331.000	20320.000	20910.000	74.482%	537.100
X		95650.000	1655.000	0.000	9307.000	19940.000	20610.000	76.147%	530.800
σ		756.200	19.300	0.000	24.570	325.000	311.700	1.660%	7.348
%RSD		0.790	1.166	0.000	0.264	1.630	1.512	2.180	1.384
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:06:18	169.400	202.800	3315.000	248500.000	253800.000	88.480	239.200	183.800
2	23:07:01	171.600	205.000	3384.000	253900.000	259100.000	90.740	244.700	189.100
3	23:07:44	176.200	208.600	3408.000	255300.000	261900.000	91.480	248.900	191.200
X		172.400	205.500	3369.000	252600.000	258300.000	90.230	244.200	188.100
σ		3.494	2.929	47.980	3610.000	4126.000	1.564	4.884	3.796
%RSD		2.026	1.425	1.424	1.429	1.598	1.733	2.000	2.019
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:06:18	185.500	539.500	548.100	144.700	2.403	3.793	0.000	88.070
2	23:07:01	193.900	557.800	569.900	147.700	2.520	4.202	0.000	90.580
3	23:07:44	192.900	559.100	569.000	147.300	2.134	3.867	0.000	91.630
X		190.700	552.100	562.300	146.600	2.352	3.954	0.000	90.090
σ		4.587	10.990	12.320	1.619	0.198	0.218	0.000	1.833
%RSD		2.405	1.990	2.190	1.104	8.412	5.511	0.000	2.035
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:06:18	0.000	11.860	12.060	67.439%	0.283	0.203	1.719	1.308
2	23:07:01	0.000	12.660	12.180	67.416%	0.312	0.225	1.946	1.536
3	23:07:44	0.000	12.390	12.440	67.232%	0.298	0.229	1.784	1.455
X		0.000	12.300	12.230	67.362%	0.298	0.219	1.816	1.433
σ		0.000	0.406	0.197	0.114%	0.015	0.014	0.117	0.116
%RSD		0.000	3.299	1.610	0.169	4.945	6.478	6.423	8.072
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:06:18	68.711%	7.669	0.783	0.813	441.000	439.300	77.346%	76.355%
2	23:07:01	69.611%	7.635	0.815	0.765	444.200	444.500	78.450%	77.843%
3	23:07:44	69.680%	7.744	0.781	0.755	446.100	446.600	78.641%	78.406%
X		69.334%	7.683	0.793	0.778	443.800	443.500	78.146%	77.535%
σ		0.541%	0.056	0.019	0.031	2.571	3.718	0.699%	1.060%
%RSD		0.780	0.723	2.377	4.004	0.579	0.838	0.895	1.367
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	23:06:18	1.371	1.365	130.000	128.100	128.500	70.071%		
2	23:07:01	1.421	1.385	132.800	131.200	131.600	70.600%		
3	23:07:44	1.421	1.448	133.700	131.800	132.200	70.570%		
X		1.404	1.399	132.200	130.300	130.800	70.414%		
σ		0.029	0.043	1.966	1.966	2.001	0.297%		
%RSD		2.061	3.092	1.488	1.508	1.530	0.422		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:10:38	76.348%	4.195	21.510	21.420	0.000	248.500	15460.000	16050.000
2	23:11:21	72.357%	4.182	22.710	23.060	0.000	259.600	15930.000	16810.000
3	23:12:04	72.210%	4.367	23.470	23.500	0.000	264.300	16140.000	17010.000
X		73.638%	4.248	22.560	22.660	0.000	257.400	15840.000	16620.000
σ		2.348%	0.104	0.986	1.096	0.000	8.126	346.100	504.400
%RSD		3.188	2.439	4.371	4.837	0.000	3.157	2.184	3.035
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:10:38	78890.000	2179.000	0.000	5972.000	23360.000	24280.000	77.958%	560.700
2	23:11:21	80950.000	2238.000	0.000	6140.000	24520.000	25790.000	75.069%	573.100
3	23:12:04	82630.000	2279.000	0.000	6308.000	24620.000	25440.000	74.702%	575.000
X		80820.000	2232.000	0.000	6140.000	24160.000	25170.000	75.910%	569.600
σ		1873.000	50.300	0.000	168.000	699.500	790.400	1.784%	7.798
%RSD		2.317	2.254	0.000	2.736	2.895	3.140	2.350	1.369
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:10:38	157.400	182.400	2880.000	195900.000	198100.000	61.450	159.700	135.600
2	23:11:21	162.400	188.100	2978.000	201100.000	203200.000	63.180	164.900	141.700
3	23:12:04	167.500	190.600	3021.000	204800.000	209100.000	63.590	167.800	143.500
X		162.400	187.000	2960.000	200600.000	203400.000	62.740	164.200	140.300
σ		5.071	4.237	72.000	4474.000	5540.000	1.134	4.103	4.171
%RSD		3.122	2.265	2.433	2.231	2.723	1.807	2.500	2.974
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:10:38	137.300	519.100	531.000	92.660	3.534	5.050	0.000	103.400
2	23:11:21	142.500	541.900	547.600	95.730	3.566	5.036	0.000	107.800
3	23:12:04	144.400	542.600	559.100	97.200	4.078	5.410	0.000	109.800
X		141.400	534.500	545.900	95.190	3.726	5.165	0.000	107.000
σ		3.692	13.390	14.120	2.317	0.305	0.212	0.000	3.248
%RSD		2.611	2.505	2.586	2.434	8.184	4.105	0.000	3.036
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:10:38	0.000	11.280	11.360	69.447%	2.262	2.234	3.140	2.875
2	23:11:21	0.000	11.820	11.720	68.945%	2.303	2.365	3.020	2.865
3	23:12:04	0.000	11.840	11.640	68.900%	2.353	2.330	2.924	2.921
X		0.000	11.650	11.570	69.097%	2.306	2.310	3.028	2.887
σ		0.000	0.316	0.189	0.304%	0.045	0.068	0.108	0.030
%RSD		0.000	2.712	1.637	0.440	1.972	2.935	3.568	1.037
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:10:38	70.021%	11.400	1.187	1.152	525.400	522.800	76.895%	77.592%
2	23:11:21	70.468%	11.550	1.222	1.238	538.600	539.300	77.976%	78.236%
3	23:12:04	71.000%	11.880	1.197	1.254	545.800	542.100	78.508%	78.665%
X		70.497%	11.610	1.202	1.215	536.600	534.700	77.793%	78.165%
σ		0.490%	0.247	0.018	0.055	10.390	10.450	0.822%	0.540%
%RSD		0.695	2.125	1.513	4.511	1.936	1.954	1.057	0.691
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	23:10:38	1.178	1.201	202.800	201.900	200.700	72.524%		
2	23:11:21	1.265	1.250	211.300	209.000	208.800	73.263%		
3	23:12:04	1.269	1.265	212.700	210.000	210.300	73.924%		
X		1.237	1.239	208.900	206.900	206.600	73.237%		
σ		0.051	0.034	5.362	4.436	5.148	0.701%		
%RSD		4.135	2.721	2.566	2.143	2.492	0.957		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:14:58	76.945%	5.396	28.200	28.670	0.000	560.200	45040.000	46550.000
2	23:15:41	78.440%	5.114	26.900	28.250	0.000	545.600	44050.000	46540.000
3	23:16:24	76.624%	5.406	28.500	28.910	0.000	561.000	45040.000	47150.000
X		77.336%	5.305	27.870	28.610	0.000	555.600	44710.000	46750.000
σ		0.969%	0.166	0.849	0.333	0.000	8.690	571.300	348.300
%RSD		1.253	3.122	3.045	1.165	0.000	1.564	1.278	0.745
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:14:58	92920.000	2719.000	0.000	12440.000	66750.000	68910.000	83.826%	641.400
2	23:15:41	92070.000	2681.000	0.000	12360.000	67240.000	69300.000	83.558%	646.700
3	23:16:24	93890.000	2688.000	0.000	12380.000	67070.000	69100.000	83.447%	655.400
X		92960.000	2696.000	0.000	12390.000	67020.000	69100.000	83.610%	647.800
σ		910.800	20.400	0.000	43.630	247.300	194.400	0.195%	7.090
%RSD		0.980	0.757	0.000	0.352	0.369	0.281	0.233	1.094
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:14:58	163.400	202.700	4950.000	303700.000	316300.000	118.500	302.900	235.000
2	23:15:41	165.400	204.000	5048.000	308300.000	325000.000	120.900	305.400	237.400
3	23:16:24	166.900	206.000	5040.000	308200.000	323100.000	120.500	302.900	236.700
X		165.200	204.200	5013.000	306700.000	321500.000	120.000	303.800	236.400
σ		1.743	1.633	54.640	2645.000	4558.000	1.284	1.452	1.255
%RSD		1.055	0.799	1.090	0.862	1.418	1.070	0.478	0.531
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:14:58	238.800	693.200	703.500	188.600	3.424	6.166	0.000	146.400
2	23:15:41	237.700	705.500	716.900	193.500	3.510	6.775	0.000	149.100
3	23:16:24	239.300	705.900	716.800	192.700	3.437	6.403	0.000	149.700
X		238.600	701.500	712.400	191.600	3.457	6.448	0.000	148.400
σ		0.826	7.202	7.689	2.670	0.046	0.306	0.000	1.798
%RSD		0.346	1.027	1.079	1.393	1.345	4.754	0.000	1.212
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:14:58	0.000	14.340	14.430	70.389%	0.361	0.268	2.134	1.646
2	23:15:41	0.000	14.690	14.960	70.929%	0.378	0.268	2.150	1.684
3	23:16:24	0.000	14.950	14.580	71.710%	0.395	0.281	2.149	1.683
X		0.000	14.660	14.660	71.009%	0.378	0.272	2.144	1.671
σ		0.000	0.307	0.270	0.664%	0.017	0.008	0.009	0.022
%RSD		0.000	2.097	1.841	0.935	4.588	2.894	0.425	1.294
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:14:58	70.632%	7.123	0.805	0.844	415.300	417.100	79.763%	78.314%
2	23:15:41	72.918%	7.179	0.812	0.821	419.700	417.800	82.414%	80.906%
3	23:16:24	73.687%	7.226	0.817	0.816	419.400	417.900	83.292%	81.488%
X		72.412%	7.176	0.811	0.827	418.100	417.600	81.823%	80.236%
σ		1.589%	0.051	0.006	0.015	2.464	0.473	1.838%	1.690%
%RSD		2.195	0.716	0.724	1.780	0.589	0.113	2.246	2.106
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	23:14:58	1.544	1.507	136.400	135.300	136.000	68.789%		
2	23:15:41	1.501	1.587	137.400	135.800	136.400	70.965%		
3	23:16:24	1.527	1.566	139.000	137.600	137.900	70.954%		
X		1.524	1.553	137.600	136.200	136.700	70.236%		
σ		0.022	0.041	1.319	1.213	1.014	1.253%		
%RSD		1.413	2.658	0.959	0.890	0.741	1.784		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:19:18	81.445%	4.654	26.060	26.870	0.000	476.700	40830.000	43170.000
2	23:20:01	77.379%	4.771	27.780	27.560	0.000	495.300	42170.000	44580.000
3	23:20:44	79.327%	4.471	24.880	25.880	0.000	466.200	40140.000	42590.000
X		79.384%	4.632	26.240	26.770	0.000	479.400	41050.000	43450.000
σ		2.033%	0.151	1.461	0.842	0.000	14.710	1034.000	1022.000
%RSD		2.562	3.261	5.569	3.143	0.000	3.069	2.518	2.352
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:19:18	82300.000	2522.000	0.000	10870.000	64140.000	65920.000	86.746%	547.200
2	23:20:01	83830.000	2544.000	0.000	10790.000	64730.000	66100.000	84.597%	561.100
3	23:20:44	80990.000	2474.000	0.000	10500.000	63790.000	66290.000	83.031%	552.500
X		82380.000	2513.000	0.000	10720.000	64220.000	66100.000	84.791%	553.600
σ		1421.000	36.220	0.000	194.200	479.800	185.300	1.865%	7.065
%RSD		1.725	1.441	0.000	1.811	0.747	0.280	2.200	1.276
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:19:18	138.600	149.900	3947.000	256800.000	266300.000	105.900	247.900	176.700
2	23:20:01	143.000	153.200	4029.000	261700.000	270900.000	108.300	253.300	181.200
3	23:20:44	138.900	151.200	3977.000	257400.000	267600.000	107.100	249.500	180.000
X		140.200	151.500	3984.000	258600.000	268200.000	107.100	250.200	179.300
σ		2.465	1.652	41.370	2678.000	2361.000	1.163	2.742	2.331
%RSD		1.758	1.091	1.038	1.035	0.880	1.086	1.096	1.300
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:19:18	180.600	528.100	536.800	164.100	1.858	4.100	0.000	142.300
2	23:20:01	183.700	535.000	545.000	168.500	1.892	4.466	0.000	145.000
3	23:20:44	180.200	536.100	548.800	167.900	1.940	4.325	0.000	143.700
X		181.500	533.100	543.500	166.800	1.897	4.297	0.000	143.600
σ		1.920	4.333	6.111	2.401	0.041	0.185	0.000	1.361
%RSD		1.058	0.813	1.124	1.439	2.167	4.304	0.000	0.947
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:19:18	0.000	8.713	8.463	73.456%	0.271	0.172	1.737	1.309
2	23:20:01	0.000	8.634	8.588	73.706%	0.321	0.173	1.814	1.356
3	23:20:44	0.000	8.642	8.617	73.780%	0.318	0.189	1.726	1.280
X		0.000	8.663	8.556	73.647%	0.303	0.178	1.759	1.315
σ		0.000	0.044	0.081	0.170%	0.028	0.010	0.048	0.039
%RSD		0.000	0.502	0.951	0.231	9.152	5.479	2.713	2.948
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:19:18	73.837%	5.922	0.596	0.594	330.500	328.700	80.883%	79.700%
2	23:20:01	74.796%	6.054	0.623	0.589	331.900	331.600	82.884%	82.028%
3	23:20:44	76.152%	5.850	0.606	0.646	326.100	325.300	84.841%	83.908%
X		74.928%	5.942	0.609	0.610	329.500	328.500	82.869%	81.879%
σ		1.163%	0.103	0.014	0.032	3.022	3.156	1.979%	2.108%
%RSD		1.552	1.743	2.275	5.230	0.917	0.961	2.388	2.575
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	23:19:18	1.283	1.274	111.600	109.800	110.100	70.852%		
2	23:20:01	1.291	1.311	112.100	110.800	111.500	73.028%		
3	23:20:44	1.293	1.268	110.100	108.400	109.500	75.124%		
X		1.289	1.284	111.300	109.700	110.400	73.001%		
σ		0.006	0.024	1.056	1.220	1.028	2.136%		
%RSD		0.437	1.833	0.949	1.113	0.931	2.926		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:23:38	77.592%	5.217	27.650	26.750	0.000	472.000	34370.000	35810.000
2	23:24:22	74.309%	5.336	27.550	27.580	0.000	482.200	34730.000	36340.000
3	23:25:04	73.778%	5.530	28.210	28.090	0.000	478.800	34380.000	35990.000
x		75.226%	5.361	27.800	27.480	0.000	477.600	34490.000	36050.000
σ		2.066%	0.158	0.356	0.677	0.000	5.202	204.900	271.700
%RSD		2.746	2.947	1.282	2.465	0.000	1.089	0.594	0.754
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:23:38	103700.000	2135.000	0.000	11150.000	33800.000	34840.000	84.508%	602.100
2	23:24:22	103400.000	2139.000	0.000	11100.000	33590.000	35340.000	80.829%	621.800
3	23:25:04	104900.000	2129.000	0.000	11270.000	34650.000	35750.000	77.287%	626.300
x		104000.000	2134.000	0.000	11170.000	34010.000	35310.000	80.875%	616.700
σ		802.600	4.860	0.000	90.750	558.200	456.300	3.611%	12.890
%RSD		0.772	0.228	0.000	0.812	1.641	1.292	4.465	2.090
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:23:38	183.300	324.900	4690.000	292500.000	307300.000	106.700	327.800	264.000
2	23:24:22	187.500	329.300	4746.000	295700.000	308700.000	107.400	328.000	264.600
3	23:25:04	191.900	337.200	4865.000	305000.000	317500.000	108.200	331.600	268.100
x		187.600	330.400	4767.000	297800.000	311200.000	107.500	329.200	265.500
σ		4.304	6.259	89.220	6516.000	5497.000	0.758	2.154	2.194
%RSD		2.295	1.894	1.872	2.188	1.766	0.706	0.654	0.826
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:23:38	263.900	687.800	698.000	173.900	3.095	6.636	0.000	103.900
2	23:24:22	265.400	697.700	710.100	174.900	2.998	6.388	0.000	106.300
3	23:25:04	270.000	709.600	722.900	177.100	3.205	6.617	0.000	106.700
x		266.400	698.400	710.300	175.300	3.099	6.547	0.000	105.600
σ		3.207	10.960	12.450	1.646	0.104	0.138	0.000	1.537
%RSD		1.204	1.569	1.753	0.939	3.356	2.109	0.000	1.456
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:23:38	0.000	18.410	18.450	71.831%	0.337	0.216	2.498	1.878
2	23:24:22	0.000	18.900	19.030	70.380%	0.333	0.204	2.314	1.858
3	23:25:04	0.000	18.960	19.410	69.135%	0.332	0.231	2.390	1.899
x		0.000	18.760	18.960	70.449%	0.334	0.217	2.401	1.879
σ		0.000	0.300	0.482	1.349%	0.002	0.013	0.093	0.021
%RSD		0.000	1.598	2.544	1.915	0.724	6.121	3.854	1.091
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:23:38	72.571%	7.111	0.903	0.943	484.500	483.600	83.244%	81.249%
2	23:24:22	71.952%	6.898	0.983	0.966	487.200	485.700	83.434%	81.895%
3	23:25:04	70.930%	7.093	0.894	0.991	494.700	493.200	82.459%	81.166%
x		71.818%	7.034	0.927	0.967	488.800	487.500	83.046%	81.437%
σ		0.829%	0.118	0.049	0.024	5.288	5.036	0.517%	0.399%
%RSD		1.154	1.682	5.262	2.507	1.082	1.033	0.622	0.490
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	23:23:38	1.635	1.558	150.000	146.700	147.800	71.134%		
2	23:24:22	1.577	1.551	150.400	149.800	149.800	71.654%		
3	23:25:04	1.557	1.622	152.900	151.100	151.900	70.797%		
x		1.590	1.577	151.100	149.200	149.800	71.195%		
σ		0.040	0.039	1.595	2.268	2.028	0.432%		
%RSD		2.535	2.471	1.056	1.520	1.353	0.607		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:27:59	72.186%	4.705	26.110	28.310	0.000	467.400	30460.000	32180.000
2	23:28:42	71.498%	4.557	28.100	28.410	0.000	467.000	30550.000	32450.000
3	23:29:25	68.890%	4.912	30.030	29.060	0.000	488.900	31980.000	33670.000
X		70.858%	4.725	28.080	28.590	0.000	474.400	31000.000	32770.000
σ		1.738%	0.178	1.962	0.406	0.000	12.550	853.500	792.800
%RSD		2.453	3.772	6.986	1.419	0.000	2.645	2.753	2.419
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:27:59	86000.000	1155.000	0.000	12120.000	37730.000	39250.000	77.910%	513.400
2	23:28:42	85970.000	1158.000	0.000	12030.000	38480.000	40210.000	75.651%	526.100
3	23:29:25	88920.000	1198.000	0.000	12390.000	40090.000	41790.000	73.866%	536.000
X		86960.000	1171.000	0.000	12180.000	38770.000	40420.000	75.809%	525.200
σ		1697.000	24.080	0.000	187.100	1210.000	1283.000	2.026%	11.350
%RSD		1.951	2.057	0.000	1.536	3.121	3.173	2.673	2.161
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:27:59	142.700	193.400	3331.000	233400.000	235900.000	84.110	231.300	176.300
2	23:28:42	145.300	198.500	3398.000	237500.000	241900.000	86.400	233.500	176.200
3	23:29:25	149.800	204.200	3519.000	245300.000	249200.000	88.660	238.800	182.900
X		145.900	198.700	3416.000	238700.000	242300.000	86.390	234.500	178.400
σ		3.588	5.384	95.530	6077.000	6617.000	2.273	3.826	3.828
%RSD		2.459	2.709	2.796	2.545	2.731	2.632	1.632	2.145
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:27:59	174.500	611.700	624.700	153.200	2.179	3.799	0.000	95.710
2	23:28:42	179.500	626.300	637.800	157.000	2.100	3.604	0.000	99.170
3	23:29:25	185.000	646.700	660.100	163.800	2.314	4.358	0.000	103.000
X		179.700	628.300	640.900	158.000	2.197	3.920	0.000	99.300
σ		5.242	17.570	17.880	5.392	0.108	0.392	0.000	3.664
%RSD		2.918	2.797	2.791	3.412	4.930	9.991	0.000	3.690
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:27:59	0.000	12.490	12.420	70.052%	0.264	0.219	1.483	1.181
2	23:28:42	0.000	13.180	12.800	69.260%	0.261	0.199	1.247	1.026
3	23:29:25	0.000	13.470	13.260	68.284%	0.273	0.216	1.393	1.155
X		0.000	13.050	12.830	69.199%	0.266	0.211	1.374	1.120
σ		0.000	0.503	0.419	0.885%	0.006	0.011	0.119	0.083
%RSD		0.000	3.856	3.267	1.279	2.387	5.131	8.678	7.407
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:27:59	70.925%	7.099	0.629	0.615	367.700	363.900	77.521%	77.321%
2	23:28:42	70.877%	7.169	0.643	0.613	374.200	373.600	79.119%	78.858%
3	23:29:25	70.249%	7.403	0.644	0.699	384.400	383.200	78.816%	78.131%
X		70.684%	7.224	0.639	0.642	375.400	373.600	78.486%	78.103%
σ		0.377%	0.159	0.008	0.049	8.452	9.680	0.849%	0.769%
%RSD		0.534	2.206	1.298	7.684	2.251	2.591	1.082	0.985
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	23:27:59	1.150	1.110	115.600	113.900	114.100	73.927%		
2	23:28:42	1.176	1.212	117.700	115.900	116.300	75.709%		
3	23:29:25	1.268	1.253	122.100	120.500	120.700	74.587%		
X		1.198	1.192	118.500	116.800	117.100	74.741%		
σ		0.062	0.074	3.306	3.365	3.368	0.901%		
%RSD		5.161	6.176	2.791	2.881	2.877	1.206		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:32:18	71.058%	5.452	29.430	30.800	0.000	486.000	39320.000	41410.000
2	23:33:01	71.650%	5.285	30.030	30.530	0.000	476.400	39330.000	41800.000
3	23:33:44	71.067%	5.363	30.000	30.620	0.000	491.300	39780.000	41640.000
X		71.258%	5.367	29.820	30.650	0.000	484.600	39480.000	41620.000
σ		0.339%	0.084	0.333	0.135	0.000	7.574	260.400	193.000
%RSD		0.476	1.559	1.117	0.441	0.000	1.563	0.660	0.464
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:32:18	90900.000	993.600	0.000	13010.000	45480.000	46660.000	79.505%	562.500
2	23:33:01	91840.000	894.400	0.000	13050.000	46340.000	47710.000	78.086%	561.700
3	23:33:44	92250.000	1007.000	0.000	13050.000	46490.000	47450.000	78.070%	567.400
X		91660.000	965.000	0.000	13040.000	46100.000	47270.000	78.553%	563.800
σ		688.600	61.510	0.000	24.350	541.400	544.900	0.824%	3.074
%RSD		0.751	6.374	0.000	0.187	1.174	1.153	1.049	0.545
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:32:18	149.700	170.600	3925.000	254900.000	260200.000	102.200	253.800	181.900
2	23:33:01	153.000	173.100	4005.000	260700.000	267100.000	104.100	257.600	185.900
3	23:33:44	151.300	174.100	4045.000	259100.000	268700.000	105.600	258.100	184.600
X		151.300	172.600	3992.000	258200.000	265300.000	103.900	256.500	184.200
σ		1.637	1.778	61.360	2986.000	4547.000	1.704	2.369	2.045
%RSD		1.082	1.030	1.537	1.156	1.714	1.639	0.923	1.110
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:32:18	183.200	647.800	660.400	178.400	2.167	4.022	0.000	117.400
2	23:33:01	185.700	656.900	673.700	182.300	2.293	3.868	0.000	119.900
3	23:33:44	187.500	664.300	675.700	184.800	2.082	4.297	0.000	120.700
X		185.400	656.300	669.900	181.800	2.181	4.062	0.000	119.300
σ		2.159	8.244	8.337	3.233	0.106	0.217	0.000	1.690
%RSD		1.165	1.256	1.244	1.778	4.874	5.349	0.000	1.416
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:32:18	0.000	7.972	8.016	70.065%	0.246	0.209	1.687	1.280
2	23:33:01	0.000	8.128	8.116	71.315%	0.259	0.187	1.695	1.406
3	23:33:44	0.000	8.168	8.202	72.001%	0.261	0.178	1.900	1.489
X		0.000	8.090	8.111	71.127%	0.255	0.191	1.761	1.392
σ		0.000	0.104	0.093	0.981%	0.008	0.016	0.121	0.105
%RSD		0.000	1.282	1.145	1.380	3.289	8.491	6.863	7.559
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:32:18	72.165%	6.319	0.569	0.575	361.200	362.000	80.357%	78.935%
2	23:33:01	73.453%	6.315	0.561	0.603	367.600	368.600	82.511%	81.829%
3	23:33:44	73.947%	6.390	0.593	0.636	368.700	367.500	83.005%	81.851%
X		73.188%	6.341	0.575	0.604	365.800	366.000	81.958%	80.872%
σ		0.920%	0.042	0.017	0.031	4.041	3.553	1.408%	1.677%
%RSD		1.257	0.669	2.916	5.054	1.105	0.971	1.717	2.074
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	23:32:18	1.273	1.257	106.900	105.100	105.900	74.217%		
2	23:33:01	1.285	1.282	107.500	106.600	107.100	76.301%		
3	23:33:44	1.279	1.272	108.600	107.800	107.700	76.436%		
X		1.279	1.270	107.600	106.500	106.900	75.651%		
σ		0.006	0.013	0.868	1.380	0.956	1.244%		
%RSD		0.444	1.010	0.807	1.295	0.894	1.644		

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Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:36:36	77.353%	3.916	23.700	24.020	0.000	390.900	26370.000	27290.000
2	23:37:19	76.291%	3.909	24.530	24.200	0.000	384.200	25800.000	27080.000
3	23:38:02	74.596%	4.060	24.600	24.620	0.000	389.400	26150.000	27640.000
x		76.080%	3.962	24.280	24.280	0.000	388.200	26100.000	27340.000
σ		1.391%	0.085	0.504	0.309	0.000	3.494	285.100	282.800
%RSD		1.828	2.149	2.078	1.273	0.000	0.900	1.092	1.034
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:36:36	70700.000	1630.000	0.000	9701.000	22140.000	22930.000	81.018%	519.100
2	23:37:19	69730.000	1624.000	0.000	9665.000	22400.000	23400.000	77.832%	520.300
3	23:38:02	70920.000	1624.000	0.000	9738.000	22650.000	23430.000	75.940%	525.200
x		70450.000	1626.000	0.000	9701.000	22400.000	23250.000	78.263%	521.500
σ		632.500	3.473	0.000	36.650	253.600	284.300	2.567%	3.220
%RSD		0.898	0.214	0.000	0.378	1.132	1.223	3.279	0.617
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:36:36	121.500	134.100	3164.000	209200.000	211800.000	79.820	196.100	154.100
2	23:37:19	121.700	135.400	3235.000	213200.000	215300.000	79.960	195.400	155.900
3	23:38:02	126.400	138.100	3276.000	216200.000	219300.000	80.890	199.400	157.000
x		123.200	135.900	3225.000	212900.000	215500.000	80.220	197.000	155.700
σ		2.730	2.053	56.310	3478.000	3784.000	0.584	2.152	1.455
%RSD		2.215	1.511	1.746	1.634	1.756	0.729	1.093	0.935
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:36:36	154.800	477.200	486.200	127.700	2.545	4.190	0.000	76.880
2	23:37:19	155.400	484.200	494.000	128.300	3.042	4.794	0.000	78.490
3	23:38:02	160.100	494.600	502.500	129.900	2.820	4.103	0.000	79.130
x		156.800	485.300	494.300	128.700	2.802	4.362	0.000	78.170
σ		2.895	8.740	8.166	1.140	0.249	0.376	0.000	1.161
%RSD		1.847	1.801	1.652	0.886	8.893	8.621	0.000	1.485
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:36:36	0.000	7.674	7.549	71.374%	0.318	0.224	1.723	1.350
2	23:37:19	0.000	7.744	7.786	70.445%	0.324	0.209	1.573	1.284
3	23:38:02	0.000	7.919	7.784	69.479%	0.326	0.204	1.514	1.215
x		0.000	7.779	7.707	70.433%	0.323	0.212	1.604	1.283
σ		0.000	0.126	0.136	0.948%	0.005	0.010	0.108	0.067
%RSD		0.000	1.622	1.768	1.345	1.395	4.917	6.718	5.246
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:36:36	71.465%	7.632	0.562	0.557	325.000	322.400	79.549%	78.848%
2	23:37:19	71.752%	7.755	0.507	0.589	325.000	325.100	80.516%	80.002%
3	23:38:02	70.994%	7.810	0.602	0.614	327.100	325.700	79.825%	79.519%
x		71.404%	7.732	0.557	0.587	325.700	324.400	79.964%	79.456%
σ		0.383%	0.091	0.047	0.029	1.246	1.786	0.498%	0.579%
%RSD		0.536	1.179	8.517	4.917	0.383	0.550	0.623	0.729
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	23:36:36	1.057	1.091	110.600	109.000	109.500	72.452%		
2	23:37:19	1.057	1.070	110.300	109.700	109.800	73.873%		
3	23:38:02	1.081	1.088	112.200	110.800	111.400	73.475%		
x		1.065	1.083	111.100	109.800	110.200	73.267%		
σ		0.014	0.011	1.033	0.929	1.016	0.733%		
%RSD		1.325	1.026	0.930	0.846	0.922	1.000		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:40:54	76.696%	6.318	58.630	57.740	0.000	811.800	23770.000	25040.000
2	23:41:37	76.532%	6.145	56.050	57.370	0.000	792.900	23670.000	25010.000
3	23:42:20	76.686%	6.248	60.670	57.870	0.000	820.400	24500.000	25830.000
X		76.638%	6.237	58.450	57.660	0.000	808.300	23980.000	25290.000
σ		0.092%	0.087	2.318	0.259	0.000	14.070	455.600	465.800
%RSD		0.120	1.394	3.966	0.449	0.000	1.741	1.900	1.841
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:40:54	70700.000	5283.000	0.000	8343.000	138900.000	145900.000	79.065%	814.900
2	23:41:37	70300.000	5226.000	0.000	8514.000	142500.000	148600.000	76.167%	825.900
3	23:42:20	72650.000	5340.000	0.000	8508.000	143600.000	149000.000	75.296%	841.000
X		71220.000	5283.000	0.000	8455.000	141600.000	147800.000	76.843%	827.300
σ		1256.000	57.090	0.000	97.190	2461.000	1676.000	1.973%	13.080
%RSD		1.763	1.081	0.000	1.149	1.737	1.134	2.568	1.581
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:40:54	118.100	133.500	6620.000	138200.000	138700.000	42.290	101.500	87.590
2	23:41:37	118.600	136.000	6742.000	141500.000	142000.000	43.770	103.700	89.640
3	23:42:20	121.700	138.200	6863.000	144500.000	144900.000	44.210	106.700	91.950
X		119.400	135.900	6742.000	141400.000	141900.000	43.430	104.000	89.730
σ		1.945	2.384	121.300	3153.000	3076.000	1.006	2.642	2.185
%RSD		1.629	1.755	1.799	2.229	2.168	2.316	2.542	2.436
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:40:54	87.900	332.300	338.800	68.660	3.737	5.804	0.000	355.700
2	23:41:37	91.590	344.500	350.900	69.910	3.826	5.425	0.000	363.100
3	23:42:20	92.580	347.500	354.600	71.020	3.847	5.793	0.000	368.800
X		90.690	341.400	348.100	69.860	3.803	5.674	0.000	362.500
σ		2.466	8.050	8.262	1.179	0.058	0.216	0.000	6.573
%RSD		2.719	2.358	2.374	1.688	1.535	3.804	0.000	1.813
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:40:54	0.000	6.963	6.819	69.584%	0.306	0.208	1.781	1.335
2	23:41:37	0.000	6.806	7.093	70.236%	0.296	0.181	1.582	1.250
3	23:42:20	0.000	7.034	7.090	70.335%	0.277	0.225	1.739	1.303
X		0.000	6.935	7.001	70.052%	0.293	0.204	1.701	1.296
σ		0.000	0.117	0.157	0.408%	0.015	0.022	0.105	0.043
%RSD		0.000	1.682	2.249	0.582	5.111	10.760	6.164	3.303
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:40:54	70.431%	27.090	1.895	1.920	536.000	535.500	77.702%	77.918%
2	23:41:37	72.148%	27.520	1.900	1.925	539.800	539.100	79.893%	80.516%
3	23:42:20	72.171%	28.110	1.900	1.932	545.600	545.700	80.427%	80.616%
X		71.583%	27.580	1.898	1.926	540.400	540.100	79.340%	79.683%
σ		0.998%	0.510	0.003	0.006	4.832	5.184	1.444%	1.529%
%RSD		1.394	1.850	0.160	0.306	0.894	0.960	1.820	1.919
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	23:40:54	0.719	0.716	139.700	139.700	139.200	72.387%		
2	23:41:37	0.769	0.760	142.800	142.100	141.900	74.576%		
3	23:42:20	0.774	0.776	147.100	145.000	145.100	74.306%		
X		0.754	0.751	143.200	142.200	142.100	73.756%		
σ		0.030	0.032	3.703	2.628	2.937	1.193%		
%RSD		3.998	4.202	2.586	1.847	2.067	1.618		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:48:09	73.789%	101.200	94.880	95.540	0.000	47400.000	43600.000	45800.000
2	23:48:52	71.397%	102.200	98.010	96.230	0.000	47920.000	44520.000	46650.000
3	23:49:35	69.629%	104.800	97.820	95.500	0.000	47750.000	44450.000	46790.000
X		71.605%	102.739%	96.902%	95.758%	0.000	95.381%	88.384%	92.828%
σ		2.088%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		2.916	1.790	1.810	0.423	0.000	0.548	1.157	1.147
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:48:09	467.400	4991.000	0.000	48010.000	47870.000	49870.000	80.249%	98.750
2	23:48:52	457.000	5006.000	0.000	48950.000	49120.000	50710.000	77.037%	99.930
3	23:49:35	480.900	5049.000	0.000	49700.000	49410.000	51010.000	74.755%	100.800
X		93.686%	100.313%	0.000	97.777%	97.603%	101.057%	77.347%	99.831%
σ		n/a	n/a	0.000	n/a	n/a	n/a	2.760%	n/a
%RSD		2.559	0.600	0.000	1.732	1.672	1.174	3.569	1.041
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:48:09	95.060	95.220	511.100	25380.000	25280.000	94.310	93.560	93.100
2	23:48:52	98.400	97.540	522.400	26070.000	25920.000	96.550	96.350	95.110
3	23:49:35	99.050	97.710	530.900	26230.000	26040.000	96.740	97.040	96.150
X		97.505%	96.826%	104.289%	103.581%	102.992%	95.863%	95.649%	94.788%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		2.198	1.439	1.902	1.742	1.585	1.410	1.927	1.637
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:48:09	94.360	98.350	99.450	96.770	101.200	100.700	0.000	94.980
2	23:48:52	95.370	101.100	100.200	97.700	101.900	101.300	0.000	96.730
3	23:49:35	96.620	103.400	102.800	99.350	102.800	104.800	0.000	96.540
X		95.451%	100.946%	100.809%	97.943%	101.944%	102.233%	0.000	96.083%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		1.185	2.489	1.715	1.336	0.802	2.153	0.000	1.002
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:48:09	76.899%	93.510	93.050	73.816%	94.070	94.670	97.930	98.620
2	23:48:52	77.135%	96.680	96.570	73.979%	94.710	96.430	98.300	100.200
3	23:49:35	77.300%	97.920	98.420	74.058%	94.970	96.330	98.880	101.500
X		77.111%	96.035%	96.013%	73.951%	94.584%	95.808%	98.367%	100.119%
σ		0.201%	n/a	n/a	0.123%	n/a	n/a	n/a	n/a
%RSD		0.261	2.367	2.845	0.167	0.487	1.031	0.487	1.435
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:48:09	73.437%	95.110	95.430	95.170	93.940	95.180	74.244%	75.083%
2	23:48:52	74.458%	96.890	96.660	97.080	95.710	95.660	76.306%	77.190%
3	23:49:35	74.496%	96.990	97.840	97.090	95.650	96.320	77.107%	78.038%
X		74.130%	96.329%	96.644%	96.449%	95.101%	95.721%	75.886%	76.770%
σ		0.601%	n/a	n/a	n/a	n/a	n/a	1.477%	1.522%
%RSD		0.810	1.101	1.246	1.146	1.058	0.600	1.946	1.982
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	23:48:09	93.720	94.050	95.020	94.440	93.890	73.895%		
2	23:48:52	95.890	95.780	96.000	96.340	95.880	75.863%		
3	23:49:35	97.210	96.900	97.380	97.130	96.830	76.300%		
X		95.603%	95.578%	96.134%	95.971%	95.532%	75.353%		
σ		n/a	n/a	n/a	n/a	n/a	1.281%		
%RSD		1.843	1.500	1.236	1.442	1.573	1.700		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:56:05	92.133%	-0.001	0.803	0.564	0.000	1.398	2.863	3.111
2	23:56:48	88.724%	-0.005	0.497	0.584	0.000	2.034	3.332	3.563
3	23:57:31	88.840%	-0.021	0.541	0.462	0.000	1.657	3.185	3.127
X		89.899%	-0.009	0.614	0.536	0.000	1.696	3.126	3.267
σ		1.935%	0.010	0.165	0.066	0.000	0.320	0.240	0.256
%RSD		2.153	111.700	26.920	12.220	0.000	18.870	7.671	7.843
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:56:05	0.702	-2.227	0.000	-7.076	3.737	2.981	95.137%	-0.081
2	23:56:48	0.622	1.948	0.000	-7.706	0.290	2.521	92.197%	-0.087
3	23:57:31	0.601	-2.753	0.000	-8.583	5.818	2.938	92.693%	-0.044
X		0.641	-1.011	0.000	-7.788	3.282	2.813	93.343%	-0.071
σ		0.053	2.576	0.000	0.757	2.792	0.254	1.574%	0.023
%RSD		8.293	254.800	0.000	9.719	85.070	9.025	1.686	32.950
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:56:05	-0.033	-0.011	0.351	4.518	11.860	0.004	-0.022	-0.043
2	23:56:48	0.019	-0.012	0.344	1.268	10.220	-0.003	-0.024	-0.056
3	23:57:31	0.011	-0.031	0.307	-3.550	7.127	0.001	-0.037	-0.056
X		-0.001	-0.018	0.334	0.745	9.736	0.001	-0.028	-0.052
σ		0.028	0.011	0.024	4.059	2.402	0.003	0.008	0.007
%RSD		2809.000	63.260	7.061	544.800	24.670	508.100	29.100	13.960
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:56:05	-0.036	-0.563	-0.288	-0.184	-0.304	-0.746	0.000	0.013
2	23:56:48	-0.068	-0.588	-0.253	-0.433	-0.343	-2.031	0.000	0.017
3	23:57:31	-0.051	-0.564	-0.168	-0.447	-0.372	-1.695	0.000	0.019
X		-0.052	-0.572	-0.236	-0.354	-0.340	-1.491	0.000	0.016
σ		0.016	0.014	0.062	0.148	0.034	0.666	0.000	0.003
%RSD		30.860	2.439	26.200	41.710	10.060	44.710	0.000	18.810
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:56:05	80.379%	0.251	0.245	86.862%	-0.004	-0.005	-0.043	-0.023
2	23:56:48	81.895%	0.217	0.216	87.021%	-0.006	-0.010	-0.091	-0.076
3	23:57:31	81.000%	0.167	0.161	86.877%	-0.007	-0.004	-0.083	-0.068
X		81.091%	0.212	0.207	86.920%	-0.005	-0.006	-0.072	-0.055
σ		0.762%	0.043	0.042	0.087%	0.002	0.004	0.026	0.029
%RSD		0.940	20.090	20.390	0.101	28.590	56.590	35.880	51.720
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:56:05	82.422%	-0.357	-0.069	-0.063	0.023	0.018	81.306%	81.825%
2	23:56:48	82.578%	-0.413	-0.079	-0.059	-0.015	0.014	82.661%	83.657%
3	23:57:31	83.383%	-0.413	-0.076	-0.058	0.000	0.020	83.401%	84.883%
X		82.794%	-0.395	-0.075	-0.060	0.003	0.017	82.456%	83.455%
σ		0.516%	0.033	0.005	0.003	0.019	0.003	1.062%	1.539%
%RSD		0.623	8.289	6.986	4.700	633.900	19.580	1.288	1.844
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	23:56:05	0.004	0.008	0.092	0.091	0.096	90.938%		
2	23:56:48	0.010	0.004	0.101	0.093	0.089	91.375%		
3	23:57:31	0.004	0.002	0.074	0.083	0.082	93.388%		
X		0.006	0.005	0.089	0.089	0.089	91.900%		
σ		0.003	0.003	0.014	0.006	0.007	1.307%		
%RSD		51.900	58.830	15.590	6.274	8.228	1.422		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	00:00:26	77.486%	4.864	18.390	18.060	0.000	403.300	24670.000	25690.000	
2	00:01:09	71.612%	5.166	17.200	17.900	0.000	394.500	24990.000	26150.000	
3	00:01:52	70.063%	5.054	17.500	18.810	0.000	401.700	24830.000	26150.000	
X		73.054%	5.028	17.700	18.260	0.000	399.800	24830.000	26000.000	
		σ	3.916%	0.152	0.617	0.483	0.000	4.661	162.800	266.700
		%RSD	5.360	3.031	3.487	2.644	0.000	1.166	0.655	1.026
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	00:00:26	84610.000	1268.000	0.000	11480.000	16610.000	17040.000	84.034%	456.600	
2	00:01:09	87320.000	1294.000	0.000	11410.000	16700.000	17120.000	75.970%	464.900	
3	00:01:52	87000.000	1040.000	0.000	11680.000	17020.000	17460.000	72.723%	474.600	
X		86310.000	1201.000	0.000	11520.000	16780.000	17210.000	77.575%	465.400	
		σ	1477.000	139.800	0.000	143.700	217.200	222.200	5.824%	9.039
		%RSD	1.712	11.640	0.000	1.247	1.295	1.291	7.507	1.942
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	00:00:26	151.100	175.400	3794.000	237700.000	244700.000	92.480	236.900	176.400	
2	00:01:09	158.400	180.900	3873.000	244300.000	248300.000	93.530	237.300	180.700	
3	00:01:52	158.800	181.600	3912.000	246900.000	250400.000	94.460	239.000	180.000	
X		156.100	179.300	3860.000	242900.000	247800.000	93.490	237.800	179.000	
		σ	4.338	3.384	60.100	4753.000	2872.000	0.992	1.101	2.291
		%RSD	2.779	1.887	1.557	1.956	1.159	1.061	0.463	1.280
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	00:00:26	177.400	566.600	575.100	152.700	2.511	4.280	0.000	92.210	
2	00:01:09	181.000	584.800	597.500	155.500	2.071	4.682	0.000	94.540	
3	00:01:52	180.500	591.400	594.900	155.100	2.132	4.180	0.000	95.440	
X		179.600	580.900	589.200	154.400	2.238	4.381	0.000	94.060	
		σ	1.939	12.820	12.280	1.529	0.238	0.266	0.000	1.667
		%RSD	1.079	2.208	2.084	0.990	10.660	6.069	0.000	1.772
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	00:00:26	0.000	9.603	9.333	72.704%	0.320	0.216	1.709	1.377	
2	00:01:09	0.000	9.500	9.577	69.143%	0.310	0.237	1.870	1.478	
3	00:01:52	0.000	9.676	9.663	67.006%	0.320	0.235	1.821	1.476	
X		0.000	9.593	9.524	69.617%	0.317	0.230	1.800	1.444	
		σ	0.000	0.088	0.172	2.879%	0.006	0.012	0.082	0.058
		%RSD	0.000	0.919	1.800	4.135	1.933	5.052	4.578	4.020
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	00:00:26	73.043%	7.142	0.795	0.731	573.800	572.600	82.000%	81.274%	
2	00:01:09	70.555%	6.985	0.797	0.755	573.800	572.500	80.505%	80.564%	
3	00:01:52	68.982%	6.973	0.774	0.808	572.500	575.800	79.650%	79.403%	
X		70.860%	7.033	0.789	0.765	573.400	573.600	80.718%	80.414%	
		σ	2.048%	0.094	0.013	0.039	0.762	1.906	1.190%	0.944%
		%RSD	2.890	1.336	1.599	5.122	0.133	0.332	1.474	1.175
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi			
		ppb	ppb	ppb	ppb	ppb	ppb			
1	00:00:26	1.146	1.164	120.700	118.500	119.200	74.878%			
2	00:01:09	1.174	1.165	121.500	120.100	121.100	74.482%			
3	00:01:52	1.167	1.179	122.900	121.200	121.800	74.096%			
X		1.162	1.169	121.700	119.900	120.700	74.485%			
		σ	0.015	0.008	1.066	1.366	0.391%			
		%RSD	1.267	0.700	0.876	1.139	1.107	0.525		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:04:45	82.327%	4.577	21.830	22.100	0.000	376.200	22440.000	23240.000
2	00:05:28	80.331%	4.805	22.030	21.820	0.000	373.500	22430.000	23610.000
3	00:06:11	80.728%	4.686	23.610	22.690	0.000	371.600	22720.000	23800.000
X		81.129%	4.689	22.490	22.200	0.000	373.800	22530.000	23550.000
σ		1.057%	0.114	0.972	0.446	0.000	2.325	166.000	282.400
%RSD		1.303	2.423	4.322	2.009	0.000	0.622	0.737	1.199
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:04:45	74840.000	4060.000	0.000	10780.000	38490.000	40510.000	83.946%	520.300
2	00:05:28	76310.000	4181.000	0.000	11130.000	39850.000	40760.000	83.774%	524.600
3	00:06:11	74470.000	4096.000	0.000	11060.000	39430.000	40870.000	83.564%	532.600
X		75210.000	4112.000	0.000	10990.000	39260.000	40710.000	83.761%	525.800
σ		972.400	62.370	0.000	185.400	695.800	180.500	0.191%	6.267
%RSD		1.293	1.517	0.000	1.687	1.772	0.443	0.229	1.192
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:04:45	131.000	159.600	4151.000	193000.000	197000.000	60.960	186.800	140.700
2	00:05:28	132.400	162.700	4273.000	197900.000	201000.000	62.980	191.300	143.100
3	00:06:11	134.700	163.200	4234.000	195900.000	200100.000	62.040	192.700	144.900
X		132.700	161.800	4219.000	195600.000	199400.000	61.990	190.300	142.900
σ		1.885	1.962	62.390	2461.000	2086.000	1.013	3.067	2.091
%RSD		1.421	1.212	1.479	1.258	1.046	1.634	1.612	1.463
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:04:45	141.400	429.600	439.400	103.500	2.241	4.027	0.000	137.100
2	00:05:28	143.400	439.200	445.600	106.000	2.268	4.576	0.000	139.000
3	00:06:11	145.500	443.300	450.200	105.900	2.318	4.714	0.000	140.600
X		143.400	437.400	445.000	105.100	2.276	4.439	0.000	138.900
σ		2.054	7.047	5.408	1.423	0.039	0.363	0.000	1.766
%RSD		1.432	1.611	1.215	1.353	1.708	8.190	0.000	1.271
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:04:45	0.000	8.082	8.002	71.038%	0.532	0.408	2.508	2.008
2	00:05:28	0.000	8.207	8.262	72.284%	0.564	0.424	2.430	1.929
3	00:06:11	0.000	8.329	8.266	72.512%	0.517	0.449	2.501	2.214
X		0.000	8.206	8.177	71.944%	0.538	0.427	2.480	2.051
σ		0.000	0.123	0.151	0.794%	0.024	0.021	0.043	0.147
%RSD		0.000	1.504	1.850	1.103	4.446	4.840	1.748	7.182
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:04:45	71.017%	7.925	0.591	0.603	642.300	641.300	78.969%	78.589%
2	00:05:28	72.409%	8.281	0.615	0.599	654.700	651.700	81.178%	80.998%
3	00:06:11	73.282%	7.820	0.601	0.555	650.800	651.000	82.075%	81.631%
X		72.236%	8.009	0.602	0.586	649.200	648.000	80.741%	80.406%
σ		1.142%	0.241	0.012	0.027	6.351	5.780	1.599%	1.605%
%RSD		1.582	3.014	2.030	4.534	0.978	0.892	1.980	1.996
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	00:04:45	0.884	0.896	97.160	96.680	96.610	70.739%		
2	00:05:28	0.913	0.900	98.610	98.020	97.960	72.175%		
3	00:06:11	0.883	0.895	98.690	96.890	97.790	73.498%		
X		0.893	0.897	98.150	97.200	97.450	72.137%		
σ		0.017	0.003	0.861	0.719	0.737	1.380%		
%RSD		1.910	0.325	0.877	0.740	0.756	1.913		

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User Pre-dilution: 1.000

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

X

 σ

%RSD

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb

X

 σ

%RSD

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb

X

 σ

%RSD

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb

X

 σ

%RSD

Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb

X

 σ

%RSD

Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb

X

 σ

%RSD

Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb	ppb

X

 σ

%RSD

MB 180-59171/1-A 12/23/2012 12:14:15 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:14:58	89.591%	-0.018	0.214	0.236	0.000	2.039	3.695	4.086
2	00:15:41	89.807%	-0.023	0.258	0.156	0.000	1.665	3.830	4.169
3	00:16:24	87.998%	-0.022	0.170	0.196	0.000	2.252	3.684	4.135
X		89.132%	-0.021	0.214	0.196	0.000	1.985	3.736	4.130
σ		0.988%	0.003	0.044	0.040	0.000	0.297	0.081	0.042
%RSD		1.108	12.970	20.570	20.380	0.000	14.960	2.174	1.010
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:14:58	7.232	-0.842	0.000	-6.500	15.110	12.360	91.222%	0.077
2	00:15:41	6.643	-1.257	0.000	-7.672	13.830	14.910	90.000%	0.011
3	00:16:24	6.974	-0.827	0.000	-7.191	14.480	15.810	87.472%	0.002
X		6.949	-0.975	0.000	-7.121	14.480	14.360	89.565%	0.030
σ		0.295	0.244	0.000	0.589	0.638	1.793	1.913%	0.041
%RSD		4.248	25.020	0.000	8.277	4.411	12.490	2.136	136.200
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:14:58	-0.111	0.092	0.167	30.500	35.510	-0.009	0.013	0.049
2	00:15:41	-0.043	0.105	0.204	19.890	29.670	-0.011	0.011	0.055
3	00:16:24	-0.153	0.097	0.227	19.090	27.220	-0.008	0.024	0.067
X		-0.102	0.098	0.199	23.160	30.800	-0.009	0.016	0.057
σ		0.056	0.007	0.031	6.372	4.257	0.001	0.007	0.009
%RSD		54.500	6.613	15.310	27.510	13.820	13.860	42.890	15.920
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:14:58	0.078	0.039	0.100	-0.448	-0.341	-1.668	0.000	0.050
2	00:15:41	0.045	0.019	-0.077	-0.084	-0.549	-0.764	0.000	0.042
3	00:16:24	0.073	-0.040	0.270	-0.314	-0.536	-1.641	0.000	0.035
X		0.065	0.006	0.098	-0.282	-0.475	-1.358	0.000	0.042
σ		0.018	0.041	0.174	0.184	0.117	0.514	0.000	0.008
%RSD		27.480	711.800	178.100	65.410	24.560	37.900	0.000	17.930
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:14:58	77.660%	0.034	0.026	78.446%	-0.011	-0.014	-0.009	-0.012
2	00:15:41	77.305%	0.019	0.015	77.955%	-0.014	-0.015	-0.051	-0.020
3	00:16:24	78.301%	0.017	0.018	78.082%	-0.013	-0.015	-0.021	-0.030
X		77.755%	0.023	0.020	78.161%	-0.012	-0.015	-0.027	-0.021
σ		0.505%	0.009	0.006	0.255%	0.002	0.001	0.022	0.009
%RSD		0.650	40.070	27.990	0.326	13.660	3.673	80.010	44.260
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:14:58	74.770%	1.855	-0.108	-0.098	0.095	0.099	78.768%	79.717%
2	00:15:41	76.068%	1.631	-0.104	-0.105	0.102	0.094	80.482%	81.608%
3	00:16:24	76.622%	1.941	-0.105	-0.106	0.088	0.134	81.264%	82.253%
X		75.820%	1.809	-0.106	-0.103	0.095	0.109	80.172%	81.193%
σ		0.950%	0.160	0.002	0.004	0.007	0.022	1.277%	1.318%
%RSD		1.253	8.826	2.010	4.033	7.499	20.140	1.593	1.623
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	00:14:58	-0.004	-0.003	0.111	0.128	0.122	87.063%		
2	00:15:41	-0.007	-0.006	0.127	0.129	0.119	88.570%		
3	00:16:24	-0.007	-0.008	0.123	0.134	0.122	89.623%		
X		-0.006	-0.006	0.120	0.130	0.121	88.419%		
σ		0.001	0.002	0.008	0.003	0.002	1.286%		
%RSD		21.200	42.440	6.898	2.357	1.525	1.455		

LCS 180-59171/2-A 12/23/2012 12:18:35 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:19:18	78.950%	860.300	80.950	80.970	0.000	8260.000	7771.000	8165.000
2	00:20:01	78.089%	868.400	80.620	82.140	0.000	8269.000	7855.000	8199.000
3	00:20:44	76.177%	873.800	80.980	83.480	0.000	8548.000	8063.000	8518.000
x		77.739%	867.500	80.850	82.200	0.000	8359.000	7896.000	8294.000
σ		1.420%	6.770	0.203	1.256	0.000	163.700	150.300	194.400
%RSD		1.826	0.780	0.252	1.528	0.000	1.959	1.904	2.344
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:19:18	8136.000	17.060	0.000	8691.000	9500.000	8928.000	78.013%	86.220
2	00:20:01	8137.000	16.330	0.000	8493.000	9366.000	9021.000	78.118%	89.670
3	00:20:44	8397.000	16.620	0.000	8888.000	9867.000	9282.000	75.509%	88.830
x		8223.000	16.670	0.000	8691.000	9578.000	9077.000	77.213%	88.240
σ		150.100	0.370	0.000	197.600	259.600	183.300	1.477%	1.798
%RSD		1.825	2.219	0.000	2.274	2.710	2.019	1.913	2.037
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:19:18	908.400	917.000	931.900	9458.000	9012.000	905.900	882.600	846.200
2	00:20:01	909.200	912.100	941.000	9369.000	9033.000	894.700	873.000	885.300
3	00:20:44	942.200	954.000	960.500	9622.000	9214.000	921.700	879.200	846.500
x		920.000	927.700	944.500	9483.000	9087.000	907.400	878.300	859.300
σ		19.300	22.880	14.620	128.100	111.100	13.530	4.868	22.460
%RSD		2.098	2.466	1.548	1.351	1.223	1.491	0.554	2.613
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:19:18	873.500	844.900	857.600	815.400	806.000	817.400	0.000	910.300
2	00:20:01	876.500	852.200	861.700	826.300	816.700	826.200	0.000	926.600
3	00:20:44	894.100	875.200	875.900	831.900	825.400	838.200	0.000	929.800
x		881.400	857.500	865.100	824.500	816.000	827.300	0.000	922.200
σ		11.130	15.790	9.632	8.416	9.701	10.460	0.000	10.460
%RSD		1.262	1.842	1.113	1.021	1.189	1.264	0.000	1.134
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:19:18	74.217%	86.240	86.370	72.272%	89.360	90.140	861.500	876.500
2	00:20:01	74.427%	88.700	88.860	72.813%	90.280	91.470	863.800	880.700
3	00:20:44	74.505%	89.430	89.510	72.660%	91.160	92.010	877.000	894.700
x		74.383%	88.120	88.240	72.582%	90.270	91.210	867.400	883.900
σ		0.149%	1.669	1.658	0.278%	0.897	0.962	8.384	9.520
%RSD		0.200	1.894	1.879	0.384	0.994	1.055	0.967	1.077
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:19:18	71.617%	95.390	83.910	83.410	851.400	859.000	75.295%	76.046%
2	00:20:01	73.621%	95.860	83.580	84.010	861.900	864.200	77.226%	78.301%
3	00:20:44	73.326%	96.550	86.020	85.870	874.400	877.600	77.338%	79.094%
x		72.855%	95.930	84.510	84.430	862.600	866.900	76.620%	77.814%
σ		1.082%	0.583	1.326	1.282	11.510	9.641	1.149%	1.581%
%RSD		1.485	0.607	1.569	1.518	1.334	1.112	1.499	2.032
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	00:19:18	205.200	205.800	825.500	871.500	875.000	76.990%		
2	00:20:01	210.300	209.400	839.100	885.300	887.300	78.789%		
3	00:20:44	213.000	211.500	845.600	891.900	893.900	79.335%		
x		209.500	208.900	836.800	882.900	885.400	78.371%		
σ		3.946	2.886	10.240	10.440	9.602	1.227%		
%RSD		1.883	1.381	1.224	1.182	1.084	1.566		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:23:38	83.314%	4.788	21.950	22.350	0.000	330.100	21620.000	22600.000
2	00:24:21	81.390%	4.639	22.410	22.270	0.000	312.200	21760.000	22850.000
3	00:25:04	82.124%	4.578	21.440	21.680	0.000	305.500	21010.000	22310.000
x		82.276%	4.668	21.930	22.100	0.000	315.900	21460.000	22590.000
σ		0.971%	0.108	0.486	0.363	0.000	12.700	402.100	270.800
%RSD		1.180	2.313	2.217	1.641	0.000	4.019	1.874	1.199
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:23:38	72110.000	1978.000	0.000	8983.000	39140.000	40310.000	85.254%	503.900
2	00:24:21	72780.000	1991.000	0.000	8873.000	38800.000	40030.000	84.634%	512.700
3	00:25:04	70830.000	1953.000	0.000	8726.000	38380.000	39740.000	82.436%	508.100
x		71910.000	1974.000	0.000	8861.000	38770.000	40030.000	84.108%	508.300
σ		992.500	19.230	0.000	129.100	381.500	281.600	1.481%	4.421
%RSD		1.380	0.974	0.000	1.457	0.984	0.704	1.761	0.870
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:23:38	133.900	189.800	3633.000	234000.000	240100.000	87.870	231.300	187.200
2	00:24:21	135.300	191.700	3668.000	237200.000	243000.000	89.610	236.300	191.500
3	00:25:04	136.900	194.900	3643.000	234400.000	240900.000	88.380	233.400	190.200
x		135.400	192.100	3648.000	235200.000	241400.000	88.620	233.700	189.600
σ		1.537	2.580	17.740	1710.000	1505.000	0.898	2.523	2.224
%RSD		1.135	1.343	0.486	0.727	0.624	1.013	1.080	1.173
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:23:38	188.400	582.400	590.400	160.500	5.756	7.418	0.000	127.800
2	00:24:21	192.000	591.500	603.200	161.900	4.447	6.160	0.000	130.800
3	00:25:04	190.500	593.000	606.100	162.400	3.575	6.228	0.000	130.200
x		190.300	589.000	599.900	161.600	4.593	6.602	0.000	129.600
σ		1.818	5.725	8.384	0.998	1.097	0.708	0.000	1.568
%RSD		0.955	0.972	1.398	0.618	23.900	10.720	0.000	1.210
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:23:38	0.000	10.390	10.420	72.632%	0.235	0.125	2.062	1.622
2	00:24:21	0.000	10.170	10.380	73.459%	0.226	0.115	2.145	1.759
3	00:25:04	0.000	10.250	10.270	73.165%	0.238	0.120	1.987	1.644
x		0.000	10.270	10.350	73.085%	0.233	0.120	2.065	1.675
σ		0.000	0.113	0.080	0.419%	0.006	0.005	0.079	0.074
%RSD		0.000	1.100	0.769	0.573	2.689	4.240	3.832	4.390
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:23:38	72.714%	7.455	1.345	1.378	468.500	466.300	80.919%	80.184%
2	00:24:21	74.255%	7.267	1.195	1.169	469.700	472.000	82.840%	81.627%
3	00:25:04	74.234%	7.218	1.250	1.177	469.800	467.800	83.259%	82.889%
x		73.734%	7.313	1.264	1.241	469.300	468.700	82.340%	81.567%
σ		0.883%	0.125	0.076	0.119	0.735	2.930	1.248%	1.353%
%RSD		1.198	1.711	6.009	9.556	0.157	0.625	1.515	1.659
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	00:23:38	1.933	1.903	149.100	146.500	147.500	72.090%		
2	00:24:21	1.655	1.624	149.800	148.500	148.700	74.157%		
3	00:25:04	1.443	1.465	148.800	147.900	147.800	75.089%		
x		1.677	1.664	149.200	147.600	148.000	73.779%		
σ		0.246	0.222	0.539	1.050	0.615	1.535%		
%RSD		14.670	13.350	0.361	0.712	0.416	2.080		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:27:59	85.552%	0.877	5.061	4.788	0.000	63.610	4418.000	4614.000
2	00:28:42	83.426%	1.015	4.953	4.908	0.000	63.830	4358.000	4696.000
3	00:29:25	81.083%	0.994	4.743	4.896	0.000	65.430	4567.000	4851.000
X		83.354%	0.962	4.919	4.864	0.000	64.290	4448.000	4720.000
σ		2.235%	0.075	0.162	0.066	0.000	0.990	107.700	120.100
%RSD		2.682	7.768	3.287	1.359	0.000	1.540	2.421	2.545
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:27:59	14920.000	403.300	0.000	1808.000	7926.000	7749.000	85.532%	102.100
2	00:28:42	14940.000	407.900	0.000	1823.000	8080.000	7917.000	82.722%	103.600
3	00:29:25	15510.000	424.100	0.000	1848.000	8323.000	8018.000	81.220%	107.000
X		15120.000	411.800	0.000	1826.000	8110.000	7895.000	83.158%	104.200
σ		334.400	10.940	0.000	20.420	200.400	135.800	2.189%	2.464
%RSD		2.211	2.658	0.000	1.118	2.471	1.720	2.632	2.364
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:27:59	26.950	38.510	733.400	49110.000	48560.000	17.650	46.950	38.250
2	00:28:42	26.610	38.900	744.400	50050.000	48620.000	17.390	47.400	38.140
3	00:29:25	27.910	39.760	753.300	51060.000	49800.000	17.560	47.800	39.360
X		27.160	39.060	743.700	50080.000	49000.000	17.530	47.380	38.590
σ		0.673	0.640	10.010	975.900	698.300	0.129	0.423	0.674
%RSD		2.478	1.639	1.345	1.949	1.425	0.734	0.894	1.747
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:27:59	38.090	127.500	127.200	32.740	0.277	-1.190	0.000	22.260
2	00:28:42	38.620	128.800	127.500	32.660	0.107	-0.645	0.000	22.330
3	00:29:25	39.290	131.100	132.700	33.280	0.261	-1.351	0.000	23.010
X		38.670	129.100	129.100	32.890	0.215	-1.062	0.000	22.530
σ		0.598	1.828	3.082	0.340	0.094	0.370	0.000	0.413
%RSD		1.546	1.415	2.387	1.033	43.730	34.850	0.000	1.835
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:27:59	92.520%	1.823	1.883	80.779%	0.028	0.008	0.448	0.393
2	00:28:42	92.469%	1.814	1.955	80.867%	0.031	0.022	0.410	0.347
3	00:29:25	92.002%	1.920	1.860	78.957%	0.026	0.016	0.348	0.301
X		92.330%	1.852	1.899	80.201%	0.028	0.015	0.402	0.347
σ		0.285%	0.059	0.050	1.078%	0.002	0.007	0.051	0.046
%RSD		0.309	3.188	2.622	1.344	8.658	46.000	12.660	13.140
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:27:59	78.558%	0.918	0.168	0.163	96.060	95.970	82.825%	82.955%
2	00:28:42	79.142%	0.978	0.193	0.193	97.750	97.030	84.300%	85.213%
3	00:29:25	78.535%	0.920	0.178	0.181	97.450	99.940	84.628%	85.070%
X		78.745%	0.939	0.180	0.179	97.090	97.650	83.918%	84.413%
σ		0.344%	0.034	0.013	0.015	0.905	2.054	0.960%	1.264%
%RSD		0.437	3.647	7.049	8.516	0.932	2.103	1.144	1.497
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	00:27:59	0.334	0.348	28.400	28.230	28.260	84.583%		
2	00:28:42	0.314	0.327	29.100	28.690	28.710	86.879%		
3	00:29:25	0.313	0.304	29.720	29.420	29.440	86.307%		
X		0.321	0.326	29.070	28.780	28.800	85.923%		
σ		0.012	0.022	0.659	0.601	0.593	1.195%		
%RSD		3.599	6.704	2.268	2.090	2.060	1.391		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:32:20	82.360%	4.729	22.990	23.740	0.000	378.800	22790.000	23800.000
2	00:33:03	80.122%	4.871	23.710	24.480	0.000	375.600	22680.000	23670.000
3	00:33:46	81.156%	4.884	23.660	24.050	0.000	375.700	22980.000	24230.000
X		81.212%	4.828	23.450	24.090	0.000	376.700	22810.000	23900.000
σ		1.120%	0.086	0.398	0.374	0.000	1.849	150.100	290.100
%RSD		1.379	1.781	1.696	1.552	0.000	0.491	0.658	1.214
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:32:20	74950.000	2515.000	0.000	9157.000	47640.000	49010.000	85.518%	586.000
2	00:33:03	73930.000	2513.000	0.000	9281.000	47910.000	49760.000	84.773%	594.100
3	00:33:46	75690.000	2528.000	0.000	9413.000	48760.000	50270.000	83.432%	596.000
X		74860.000	2518.000	0.000	9284.000	48100.000	49680.000	84.575%	592.000
σ		884.600	8.024	0.000	128.100	585.800	632.900	1.057%	5.294
%RSD		1.182	0.319	0.000	1.380	1.218	1.274	1.250	0.894
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:32:20	134.700	181.900	3634.000	226400.000	232900.000	88.050	225.900	185.600
2	00:33:03	138.100	182.200	3691.000	229900.000	236700.000	88.870	230.500	188.800
3	00:33:46	138.900	185.000	3779.000	234100.000	237500.000	89.970	232.900	190.400
X		137.200	183.000	3701.000	230100.000	235700.000	88.960	229.800	188.300
σ		2.227	1.756	72.970	3882.000	2439.000	0.963	3.585	2.409
%RSD		1.623	0.959	1.972	1.687	1.035	1.082	1.560	1.280
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:32:20	186.700	579.200	592.100	160.500	2.925	5.106	0.000	161.200
2	00:33:03	189.300	590.600	602.700	163.400	3.022	5.242	0.000	165.500
3	00:33:46	191.500	594.800	605.600	165.000	2.869	5.437	0.000	167.500
X		189.200	588.200	600.100	163.000	2.939	5.262	0.000	164.800
σ		2.402	8.056	7.132	2.287	0.078	0.166	0.000	3.220
%RSD		1.270	1.369	1.188	1.404	2.645	3.156	0.000	1.955
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:32:20	0.000	10.280	10.040	73.257%	0.244	0.110	2.161	1.875
2	00:33:03	0.000	10.400	10.230	73.256%	0.219	0.135	2.176	1.809
3	00:33:46	0.000	10.650	10.710	73.504%	0.218	0.134	2.046	1.715
X		0.000	10.440	10.330	73.339%	0.227	0.126	2.127	1.799
σ		0.000	0.186	0.347	0.143%	0.015	0.014	0.071	0.081
%RSD		0.000	1.781	3.364	0.195	6.611	11.240	3.341	4.478
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:32:20	73.149%	7.939	1.219	1.228	477.300	479.000	81.432%	80.330%
2	00:33:03	74.048%	7.972	1.318	1.229	482.000	483.500	83.555%	82.000%
3	00:33:46	74.168%	7.817	1.324	1.262	491.600	488.200	83.351%	81.818%
X		73.788%	7.909	1.287	1.240	483.600	483.600	82.779%	81.383%
σ		0.557%	0.082	0.058	0.020	7.265	4.617	1.172%	0.916%
%RSD		0.755	1.032	4.545	1.575	1.502	0.955	1.415	1.126
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	00:32:20	1.173	1.158	147.400	147.100	146.700	72.308%		
2	00:33:03	1.195	1.161	148.400	148.100	148.100	74.125%		
3	00:33:46	1.137	1.150	149.900	148.200	148.700	74.592%		
X		1.168	1.156	148.600	147.800	147.800	73.675%		
σ		0.029	0.005	1.229	0.624	1.046	1.207%		
%RSD		2.500	0.475	0.827	0.422	0.708	1.638		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:36:41	76.905%	86.780	94.110	92.520	0.000	8602.000	30990.000	32100.000
2	00:37:24	75.156%	86.870	92.370	95.400	0.000	8566.000	31560.000	32180.000
3	00:38:07	72.642%	87.490	95.600	96.200	0.000	8613.000	31430.000	32530.000
x		74.901%	87.050	94.030	94.700	0.000	8594.000	31330.000	32270.000
σ		2.143%	0.383	1.620	1.934	0.000	24.470	301.300	228.800
%RSD		2.861	0.440	1.723	2.042	0.000	0.285	0.962	0.709
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:36:41	88130.000	3613.000	0.000	17600.000	43210.000	44080.000	81.420%	696.700
2	00:37:24	88300.000	3624.000	0.000	17560.000	42730.000	44610.000	78.816%	712.600
3	00:38:07	88780.000	3618.000	0.000	17640.000	44200.000	45050.000	77.041%	712.200
x		88400.000	3618.000	0.000	17600.000	43380.000	44580.000	79.092%	707.200
σ		336.700	5.651	0.000	42.330	750.400	489.000	2.203%	9.062
%RSD		0.381	0.156	0.000	0.240	1.730	1.097	2.785	1.281
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:36:41	228.800	285.300	3966.000	252800.000	261200.000	181.800	338.100	285.000
2	00:37:24	237.100	292.700	4091.000	258700.000	262700.000	182.300	339.300	288.500
3	00:38:07	236.200	293.200	4099.000	258100.000	264900.000	182.100	335.400	284.500
x		234.000	290.400	4052.000	256500.000	262900.000	182.100	337.600	286.000
σ		4.569	4.437	74.760	3227.000	1841.000	0.244	1.975	2.196
%RSD		1.952	1.528	1.845	1.258	0.700	0.134	0.585	0.768
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:36:41	285.200	683.300	699.500	245.700	73.610	78.960	0.000	232.300
2	00:37:24	290.100	706.300	720.500	249.900	74.690	79.430	0.000	237.700
3	00:38:07	286.400	699.200	712.000	246.800	72.470	79.120	0.000	235.500
x		287.200	696.300	710.700	247.400	73.590	79.170	0.000	235.200
σ		2.577	11.780	10.580	2.169	1.112	0.238	0.000	2.736
%RSD		0.897	1.693	1.489	0.877	1.511	0.301	0.000	1.164
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:36:41	0.000	98.780	99.140	64.390%	84.750	84.610	80.260	78.840
2	00:37:24	0.000	101.400	101.900	64.241%	86.440	85.710	81.500	80.290
3	00:38:07	0.000	99.480	100.500	64.138%	85.700	85.480	81.640	79.350
x		0.000	99.880	100.500	64.256%	85.630	85.270	81.130	79.490
σ		0.000	1.350	1.359	0.127%	0.849	0.581	0.763	0.736
%RSD		0.000	1.351	1.352	0.197	0.991	0.681	0.941	0.926
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:36:41	71.031%	80.040	23.740	23.930	563.700	562.000	77.872%	77.421%
2	00:37:24	71.327%	81.000	24.450	24.370	566.500	566.200	79.938%	79.320%
3	00:38:07	71.376%	81.190	24.370	24.130	567.600	565.300	80.659%	79.873%
x		71.245%	80.740	24.180	24.140	565.900	564.500	79.490%	78.871%
σ		0.187%	0.617	0.388	0.221	2.004	2.215	1.446%	1.286%
%RSD		0.263	0.764	1.604	0.916	0.354	0.392	1.820	1.631
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	00:36:41	80.610	81.100	237.500	240.500	238.600	65.879%		
2	00:37:24	82.210	82.770	242.200	244.500	242.800	67.084%		
3	00:38:07	82.130	82.290	239.300	242.700	240.600	68.031%		
x		81.650	82.050	239.700	242.600	240.700	66.998%		
σ		0.900	0.856	2.369	2.016	2.077	1.079%		
%RSD		1.102	1.043	0.989	0.831	0.863	1.610		

240-17796-F-26-A PDS 12/23/2012 12:40:18 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:41:01	73.625%	50.770	895.800	900.600	0.000	42370.000	60360.000	61640.000
2	00:41:44	74.597%	49.470	866.900	872.700	0.000	40120.000	58370.000	61440.000
3	00:42:27	72.182%	49.770	883.500	892.100	0.000	40420.000	57980.000	60610.000
X		73.468%	50.000	882.100	888.400	0.000	40970.000	58900.000	61230.000
σ		1.215%	0.678	14.540	14.280	0.000	1221.000	1274.000	543.300
%RSD		1.654	1.357	1.648	1.607	0.000	2.981	2.164	0.887
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:41:01	72330.000	10350.000	0.000	50840.000	80900.000	82670.000	78.881%	1346.000
2	00:41:44	72610.000	10280.000	0.000	50820.000	80860.000	83390.000	76.601%	1358.000
3	00:42:27	70910.000	10060.000	0.000	48710.000	78820.000	80690.000	77.055%	1333.000
X		71950.000	10230.000	0.000	50120.000	80190.000	82250.000	77.512%	1346.000
σ		909.200	148.200	0.000	1226.000	1190.000	1397.000	1.207%	12.900
%RSD		1.264	1.449	0.000	2.446	1.483	1.698	1.557	0.959
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:41:01	643.700	379.500	4036.000	232600.000	238500.000	586.200	686.000	416.600
2	00:41:44	648.000	386.200	4156.000	235800.000	241800.000	594.400	702.200	420.300
3	00:42:27	629.300	375.200	4029.000	232700.000	237000.000	577.600	682.800	409.600
X		640.300	380.300	4074.000	233700.000	239100.000	586.100	690.300	415.500
σ		9.794	5.558	71.330	1814.000	2444.000	8.435	10.410	5.408
%RSD		1.529	1.462	1.751	0.776	1.022	1.439	1.507	1.302
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:41:01	418.900	1025.000	1045.000	198.300	12.590	15.280	0.000	1232.000
2	00:41:44	426.300	1052.000	1067.000	202.600	12.520	16.210	0.000	1265.000
3	00:42:27	412.300	1015.000	1034.000	196.400	12.260	14.670	0.000	1228.000
X		419.200	1030.000	1048.000	199.100	12.460	15.390	0.000	1242.000
σ		7.023	18.940	16.690	3.169	0.172	0.774	0.000	20.240
%RSD		1.675	1.838	1.592	1.592	1.383	5.028	0.000	1.630
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:41:01	0.000	991.700	999.400	61.748%	50.430	50.070	51.220	44.400
2	00:41:44	0.000	1022.000	1028.000	61.301%	51.420	51.230	51.430	44.780
3	00:42:27	0.000	997.600	1003.000	61.924%	50.280	49.750	50.170	43.360
X		0.000	1004.000	1010.000	61.658%	50.710	50.350	50.940	44.180
σ		0.000	15.800	15.980	0.321%	0.620	0.778	0.676	0.734
%RSD		0.000	1.575	1.582	0.521	1.223	1.545	1.328	1.660
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:41:01	64.333%	1969.000	427.100	421.100	2344.000	2345.000	76.759%	75.975%
2	00:41:44	65.075%	1975.000	432.800	427.200	2385.000	2376.000	77.746%	77.542%
3	00:42:27	66.209%	1924.000	420.700	417.300	2308.000	2297.000	80.093%	79.254%
X		65.206%	1956.000	426.900	421.800	2346.000	2340.000	78.199%	77.590%
σ		0.945%	27.770	6.084	5.006	38.490	39.580	1.713%	1.640%
%RSD		1.449	1.420	1.425	1.187	1.641	1.692	2.190	2.114
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	00:41:01	49.450	49.890	169.200	168.200	168.300	65.695%		
2	00:41:44	50.800	51.030	173.100	171.800	172.100	66.582%		
3	00:42:27	48.670	48.940	165.800	164.500	165.000	69.256%		
X		49.640	49.950	169.400	168.200	168.500	67.177%		
σ		1.076	1.044	3.654	3.650	3.565	1.853%		
%RSD		2.168	2.089	2.157	2.170	2.116	2.759		

CCV 664806 12/23/2012 12:47:29 AM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:48:12	71.563%	102.100	100.600	100.100	0.000	47760.000	44460.000	45550.000
2	00:48:55	71.280%	102.500	98.320	100.100	0.000	47030.000	43810.000	45900.000
3	00:49:38	68.673%	105.000	101.900	105.900	0.000	48380.000	45160.000	46380.000
X		70.505%	103.226%	100.297%	102.026%	0.000	95.444%	88.951%	91.885%
σ		1.593%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		2.259	1.524	1.818	3.296	0.000	1.422	1.510	0.913
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:48:12	462.000	4972.000	0.000	48050.000	47580.000	49450.000	77.441%	98.040
2	00:48:55	464.600	4937.000	0.000	47990.000	47910.000	49330.000	76.429%	100.000
3	00:49:38	466.400	5019.000	0.000	49360.000	49860.000	51810.000	74.229%	102.000
X		92.866%	99.520%	0.000	96.931%	96.899%	100.393%	76.033%	100.015%
σ		n/a	n/a	0.000	n/a	n/a	n/a	1.642%	n/a
%RSD		0.480	0.823	0.000	1.591	2.548	2.783	2.160	1.969
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:48:12	96.800	96.120	512.300	25570.000	25220.000	94.480	93.680	93.100
2	00:48:55	97.290	95.930	514.700	25610.000	25310.000	94.650	93.160	94.030
3	00:49:38	99.600	98.900	521.400	25820.000	25750.000	95.010	95.620	95.420
X		97.898%	96.981%	103.226%	102.663%	101.712%	94.714%	94.154%	94.182%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		1.530	1.712	0.920	0.522	1.125	0.289	1.375	1.236
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:48:12	93.420	97.810	98.190	95.590	98.140	97.770	0.000	93.870
2	00:48:55	94.090	98.790	98.930	95.290	99.160	99.840	0.000	93.930
3	00:49:38	94.800	101.500	101.700	97.030	103.000	100.500	0.000	95.200
X		94.106%	99.360%	99.601%	95.967%	100.112%	99.374%	0.000	94.335%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		0.733	1.913	1.848	0.969	2.575	1.434	0.000	0.796
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:48:12	76.596%	93.310	93.680	72.561%	93.910	94.950	97.950	99.710
2	00:48:55	77.527%	95.770	97.120	72.050%	94.840	95.980	98.250	100.200
3	00:49:38	77.378%	98.770	99.280	72.216%	96.480	98.090	100.600	102.500
X		77.167%	95.951%	96.692%	72.276%	95.076%	96.341%	98.915%	100.797%
σ		0.500%	n/a	n/a	0.261%	n/a	n/a	n/a	n/a
%RSD		0.648	2.852	2.920	0.361	1.368	1.658	1.443	1.474
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:48:12	70.324%	97.800	96.920	96.470	96.120	96.350	72.587%	73.462%
2	00:48:55	71.610%	98.180	97.860	97.720	95.940	96.420	74.978%	75.913%
3	00:49:38	71.807%	100.400	99.610	98.770	97.840	99.150	74.764%	76.371%
X		71.247%	98.791%	98.129%	97.653%	96.633%	97.304%	74.110%	75.249%
σ		0.806%	n/a	n/a	n/a	n/a	n/a	1.323%	1.564%
%RSD		1.131	1.413	1.392	1.176	1.088	1.640	1.786	2.079
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	00:48:12	92.730	92.610	93.230	92.480	92.390	73.769%		
2	00:48:55	94.310	94.310	95.130	94.350	94.360	75.312%		
3	00:49:38	96.210	95.710	96.080	96.110	95.960	75.672%		
X		94.414%	94.209%	94.812%	94.315%	94.238%	74.918%		
σ		n/a	n/a	n/a	n/a	n/a	1.011%		
%RSD		1.846	1.649	1.533	1.925	1.899	1.350		

CCB7 12/23/2012 12:55:26 AM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:56:09	94.356%	0.004	2.296	1.840	0.000	1.718	2.848	3.311
2	00:56:51	94.857%	-0.019	1.663	1.743	0.000	1.356	3.111	3.516
3	00:57:34	93.098%	-0.029	1.592	1.657	0.000	1.498	3.569	3.238
X		94.103%	-0.015	1.851	1.747	0.000	1.524	3.176	3.355
σ		0.906%	0.017	0.388	0.091	0.000	0.183	0.365	0.144
%RSD		0.963	114.000	20.950	5.236	0.000	11.980	11.480	4.303
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:56:09	0.387	-2.890	0.000	-5.817	-3.207	3.835	93.815%	0.002
2	00:56:51	0.400	-3.377	0.000	-8.663	7.838	1.589	91.541%	-0.062
3	00:57:34	0.548	-3.035	0.000	-7.837	4.419	4.194	89.892%	-0.024
X		0.445	-3.100	0.000	-7.439	3.017	3.206	91.750%	-0.028
σ		0.089	0.250	0.000	1.464	5.655	1.412	1.970%	0.032
%RSD		20.100	8.058	0.000	19.680	187.400	44.030	2.147	114.200
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:56:09	-0.011	-0.000	0.368	4.391	12.510	-0.001	-0.016	-0.043
2	00:56:51	-0.006	-0.022	0.336	0.728	8.196	0.003	-0.022	-0.056
3	00:57:34	-0.013	-0.019	0.347	-0.125	7.680	0.005	-0.022	-0.053
X		-0.010	-0.014	0.350	1.665	9.463	0.002	-0.020	-0.051
σ		0.004	0.012	0.017	2.399	2.653	0.003	0.004	0.007
%RSD		38.070	85.210	4.711	144.100	28.040	137.200	17.890	12.950
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:56:09	-0.043	-0.508	-0.378	-0.380	-0.348	-1.627	0.000	0.011
2	00:56:51	-0.041	-0.618	-0.478	-0.352	-0.379	-1.648	0.000	0.013
3	00:57:34	-0.048	-0.549	-0.430	-0.434	-0.477	-1.817	0.000	0.018
X		-0.044	-0.558	-0.429	-0.389	-0.402	-1.697	0.000	0.014
σ		0.004	0.056	0.050	0.042	0.067	0.104	0.000	0.004
%RSD		8.363	9.979	11.710	10.700	16.790	6.116	0.000	29.100
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:56:09	80.719%	0.334	0.322	90.352%	0.001	-0.004	-0.049	-0.021
2	00:56:51	80.991%	0.267	0.253	90.614%	-0.001	0.000	-0.053	-0.025
3	00:57:34	81.779%	0.232	0.233	91.292%	-0.003	-0.009	-0.069	-0.045
X		81.163%	0.278	0.270	90.753%	-0.001	-0.004	-0.057	-0.030
σ		0.551%	0.052	0.047	0.485%	0.002	0.005	0.011	0.013
%RSD		0.678	18.670	17.430	0.535	180.200	112.300	18.530	42.520
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:56:09	80.768%	-0.220	-0.027	-0.060	0.009	0.013	79.205%	80.368%
2	00:56:51	82.197%	-0.257	-0.043	-0.058	-0.002	0.016	81.381%	82.771%
3	00:57:34	82.951%	-0.347	-0.053	-0.058	0.001	0.024	82.111%	83.186%
X		81.972%	-0.275	-0.041	-0.059	0.003	0.018	80.899%	82.109%
σ		1.108%	0.066	0.013	0.001	0.006	0.006	1.512%	1.522%
%RSD		1.352	23.900	32.280	1.995	206.900	33.500	1.869	1.853
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	00:56:09	0.052	0.056	0.100	0.111	0.103	90.115%		
2	00:56:51	0.052	0.052	0.093	0.080	0.085	91.971%		
3	00:57:34	0.047	0.047	0.072	0.093	0.081	92.936%		
X		0.050	0.052	0.088	0.094	0.090	91.674%		
σ		0.003	0.005	0.014	0.015	0.012	1.434%		
%RSD		6.183	9.290	16.190	16.290	13.120	1.564		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:00:29	82.225%	7.863	52.410	52.000	0.000	645.200	32360.000	33570.000
2	01:01:12	79.885%	8.421	55.270	52.610	0.000	670.600	33130.000	34670.000
3	01:01:55	78.287%	7.822	51.800	52.000	0.000	629.600	31760.000	33540.000
x		80.132%	8.035	53.160	52.210	0.000	648.500	32420.000	33930.000
σ		1.981%	0.334	1.851	0.353	0.000	20.720	688.100	644.500
%RSD		2.472	4.161	3.482	0.676	0.000	3.195	2.122	1.900
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:00:29	107600.000	6163.000	0.000	11870.000	93450.000	96620.000	86.095%	898.700
2	01:01:12	111300.000	6456.000	0.000	12040.000	95800.000	99520.000	85.050%	922.900
3	01:01:55	108000.000	6157.000	0.000	11490.000	91920.000	95070.000	83.608%	880.700
x		109000.000	6259.000	0.000	11800.000	93720.000	97070.000	84.917%	900.800
σ		2009.000	171.400	0.000	286.000	1956.000	2260.000	1.249%	21.160
%RSD		1.843	2.738	0.000	2.423	2.087	2.328	1.470	2.349
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:00:29	196.200	247.100	6717.000	258100.000	265700.000	101.100	273.500	277.700
2	01:01:12	202.100	252.000	6859.000	260800.000	270500.000	104.900	281.400	286.500
3	01:01:55	193.900	248.200	6696.000	255700.000	266100.000	101.400	278.000	277.900
x		197.400	249.100	6757.000	258200.000	267400.000	102.500	277.700	280.700
σ		4.224	2.518	88.840	2544.000	2643.000	2.129	3.980	4.990
%RSD		2.140	1.011	1.315	0.985	0.988	2.078	1.433	1.778
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:00:29	281.700	675.400	683.600	214.800	5.039	8.580	0.000	335.900
2	01:01:12	290.400	693.900	708.700	219.300	5.312	9.406	0.000	346.400
3	01:01:55	280.800	676.000	688.800	211.200	4.973	8.120	0.000	336.400
x		284.300	681.700	693.700	215.100	5.108	8.702	0.000	339.600
σ		5.255	10.520	13.250	4.031	0.179	0.652	0.000	5.962
%RSD		1.848	1.544	1.910	1.874	3.513	7.489	0.000	1.756
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:00:29	0.000	16.660	16.880	69.578%	0.354	0.228	2.648	2.195
2	01:01:12	0.000	17.010	17.260	70.091%	0.355	0.234	2.994	2.383
3	01:01:55	0.000	16.620	16.550	71.185%	0.370	0.222	2.863	2.379
x		0.000	16.760	16.900	70.285%	0.360	0.228	2.835	2.319
σ		0.000	0.215	0.356	0.821%	0.009	0.006	0.174	0.107
%RSD		0.000	1.284	2.104	1.168	2.572	2.632	6.151	4.631
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:00:29	70.261%	12.980	2.447	2.495	937.700	938.800	78.451%	77.333%
2	01:01:12	70.595%	11.760	2.518	2.526	969.300	962.500	79.461%	78.726%
3	01:01:55	72.323%	10.990	2.396	2.369	926.400	924.300	81.256%	80.678%
x		71.059%	11.910	2.454	2.463	944.500	941.900	79.722%	78.912%
σ		1.107%	0.999	0.061	0.083	22.280	19.270	1.421%	1.680%
%RSD		1.558	8.390	2.495	3.370	2.359	2.046	1.782	2.130
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	01:00:29	1.650	1.674	172.700	171.200	171.700	68.132%		
2	01:01:12	1.706	1.743	177.300	175.500	176.100	68.850%		
3	01:01:55	1.670	1.666	171.700	169.000	169.600	71.051%		
x		1.676	1.694	173.900	171.900	172.400	69.344%		
σ		0.029	0.042	3.023	3.324	3.304	1.521%		
%RSD		1.704	2.484	1.738	1.934	1.916	2.193		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:04:48	80.392%	6.911	43.260	42.360	0.000	632.200	29850.000	30970.000
2	01:05:31	79.906%	7.135	44.050	44.210	0.000	626.000	29880.000	31190.000
3	01:06:14	80.220%	6.839	42.660	43.850	0.000	626.700	29850.000	31050.000
X		80.173%	6.962	43.320	43.470	0.000	628.300	29860.000	31070.000
σ		0.246%	0.154	0.698	0.979	0.000	3.369	14.800	114.000
%RSD		0.307	2.213	1.611	2.252	0.000	0.536	0.050	0.367
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:04:48	98990.000	3215.000	0.000	9093.000	81290.000	83290.000	84.666%	772.500
2	01:05:31	100700.000	3242.000	0.000	9169.000	81750.000	84180.000	83.315%	785.000
3	01:06:14	98360.000	3176.000	0.000	9104.000	82660.000	84620.000	82.708%	781.700
X		99350.000	3211.000	0.000	9122.000	81900.000	84030.000	83.563%	779.800
σ		1214.000	33.320	0.000	41.270	696.700	678.800	1.002%	6.487
%RSD		1.222	1.038	0.000	0.452	0.851	0.808	1.199	0.832
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:04:48	186.600	197.400	6414.000	229400.000	234800.000	88.910	206.800	160.400
2	01:05:31	188.100	198.300	6449.000	229600.000	234600.000	89.370	207.900	162.000
3	01:06:14	187.600	201.100	6524.000	230900.000	238000.000	91.600	208.600	162.600
X		187.500	198.900	6463.000	229900.000	235800.000	89.960	207.800	161.700
σ		0.757	1.981	56.230	814.400	1903.000	1.440	0.885	1.137
%RSD		0.404	0.996	0.870	0.354	0.807	1.601	0.426	0.703
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:04:48	163.000	627.300	640.700	137.100	4.417	6.984	0.000	264.300
2	01:05:31	163.800	637.900	649.700	135.800	4.473	7.463	0.000	268.000
3	01:06:14	163.400	640.300	650.200	138.100	5.066	6.700	0.000	269.400
X		163.400	635.100	646.900	137.000	4.652	7.049	0.000	267.200
σ		0.405	6.923	5.346	1.163	0.359	0.386	0.000	2.664
%RSD		0.248	1.090	0.826	0.849	7.726	5.469	0.000	0.997
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:04:48	0.000	11.370	11.490	71.060%	0.411	0.329	2.329	1.841
2	01:05:31	0.000	11.630	11.370	71.414%	0.411	0.308	2.260	1.774
3	01:06:14	0.000	11.670	11.390	72.040%	0.401	0.336	2.437	2.076
X		0.000	11.560	11.420	71.504%	0.408	0.324	2.342	1.897
σ		0.000	0.159	0.067	0.496%	0.006	0.014	0.089	0.159
%RSD		0.000	1.375	0.588	0.694	1.354	4.420	3.797	8.357
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:04:48	71.569%	71.020	1.251	1.369	790.200	789.900	76.597%	75.953%
2	01:05:31	72.845%	71.260	1.240	1.347	788.800	792.400	79.263%	78.367%
3	01:06:14	72.729%	71.930	1.341	1.317	805.400	805.600	78.533%	78.539%
X		72.381%	71.400	1.277	1.344	794.800	796.000	78.131%	77.620%
σ		0.706%	0.474	0.055	0.026	9.246	8.446	1.378%	1.446%
%RSD		0.975	0.664	4.322	1.937	1.163	1.061	1.764	1.863
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	01:04:48	1.435	1.447	298.400	296.000	296.600	69.440%		
2	01:05:31	1.434	1.412	301.700	301.000	300.100	71.009%		
3	01:06:14	1.448	1.459	305.200	304.800	304.300	70.951%		
X		1.439	1.439	301.800	300.600	300.300	70.467%		
σ		0.007	0.024	3.405	4.370	3.860	0.890%		
%RSD		0.513	1.697	1.128	1.454	1.285	1.263		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	01:09:07	83.299%	3.775	23.850	24.160	0.000	287.100	15460.000	16240.000	
2	01:09:50	84.113%	3.740	22.750	24.240	0.000	289.300	15340.000	16260.000	
3	01:10:33	81.522%	3.782	23.400	24.390	0.000	284.800	15830.000	16530.000	
X		82.978%	3.765	23.330	24.260	0.000	287.100	15540.000	16340.000	
		σ	1.325%	0.023	0.554	0.119	0.000	2.253	253.800	164.500
		%RSD	1.597	0.603	2.376	0.492	0.000	0.785	1.633	1.006
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	01:09:07	67590.000	2146.000	0.000	6333.000	29920.000	30930.000	84.688%	541.100	
2	01:09:50	67740.000	2124.000	0.000	6328.000	29810.000	31430.000	84.495%	550.700	
3	01:10:33	69050.000	2166.000	0.000	6370.000	30670.000	31580.000	83.024%	553.200	
X		68130.000	2145.000	0.000	6344.000	30130.000	31310.000	84.069%	548.300	
		σ	803.300	21.100	0.000	23.060	470.200	338.200	0.910%	6.413
		%RSD	1.179	0.984	0.000	0.364	1.560	1.080	1.082	1.169
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	01:09:07	140.500	177.200	3549.000	162900.000	164300.000	53.900	143.700	126.100	
2	01:09:50	143.600	178.700	3622.000	165600.000	167600.000	55.310	142.900	126.400	
3	01:10:33	145.900	181.800	3658.000	166800.000	169500.000	55.240	143.400	127.000	
X		143.300	179.200	3610.000	165100.000	167100.000	54.810	143.400	126.500	
		σ	2.725	2.314	55.310	1996.000	2657.000	0.794	0.412	0.443
		%RSD	1.902	1.291	1.532	1.209	1.589	1.448	0.287	0.350
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	01:09:07	126.800	380.600	389.300	98.280	3.098	3.859	0.000	103.000	
2	01:09:50	126.400	384.400	387.300	99.240	3.178	4.304	0.000	105.500	
3	01:10:33	126.600	385.300	392.200	99.720	3.256	4.396	0.000	107.200	
X		126.600	383.400	389.600	99.080	3.178	4.186	0.000	105.200	
		σ	0.185	2.505	2.452	0.736	0.079	0.287	0.000	2.119
		%RSD	0.146	0.653	0.629	0.742	2.483	6.863	0.000	2.014
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	01:09:07	0.000	8.653	8.561	75.094%	0.204	0.159	1.239	1.051	
2	01:09:50	0.000	8.922	9.086	74.898%	0.203	0.166	1.317	1.132	
3	01:10:33	0.000	8.850	9.060	74.456%	0.194	0.162	1.351	1.101	
X		0.000	8.809	8.902	74.816%	0.200	0.162	1.302	1.095	
		σ	0.000	0.139	0.296	0.327%	0.006	0.003	0.057	0.041
		%RSD	0.000	1.582	3.321	0.437	2.766	1.951	4.392	3.737
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	01:09:07	73.891%	8.057	0.716	0.661	376.700	374.600	78.674%	78.517%	
2	01:09:50	74.738%	8.025	0.645	0.638	379.000	379.700	80.256%	80.345%	
3	01:10:33	74.560%	7.898	0.678	0.720	382.500	382.600	80.706%	80.344%	
X		74.396%	7.993	0.679	0.673	379.400	378.900	79.879%	79.735%	
		σ	0.447%	0.084	0.036	0.042	2.950	4.056	1.067%	1.055%
		%RSD	0.600	1.050	5.239	6.247	0.777	1.070	1.336	1.323
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi			
		ppb	ppb	ppb	ppb	ppb	ppb			
1	01:09:07	1.086	1.054	134.900	133.500	133.700	74.825%			
2	01:09:50	1.091	1.067	137.400	135.700	136.300	75.884%			
3	01:10:33	1.081	1.111	138.700	138.300	137.500	75.714%			
X		1.086	1.077	137.000	135.800	135.800	75.474%			
		σ	0.005	0.030	1.929	2.402	1.984	0.568%		
		%RSD	0.470	2.799	1.408	1.768	1.461	0.753		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	01:13:27	81.209%	4.699	26.160	26.170	0.000	379.900	24120.000	24810.000	
2	01:14:10	77.943%	4.742	27.230	26.610	0.000	382.900	23670.000	24730.000	
3	01:14:53	75.913%	4.295	26.770	26.500	0.000	366.600	23060.000	24520.000	
X		78.355%	4.578	26.720	26.430	0.000	376.500	23620.000	24690.000	
		σ	2.672%	0.247	0.536	0.228	0.000	8.669	534.600	151.900
		%RSD	3.410	5.385	2.008	0.861	0.000	2.303	2.264	0.615
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	01:13:27	84750.000	2331.000	0.000	9058.000	17290.000	17880.000	84.289%	580.000	
2	01:14:10	84450.000	2333.000	0.000	9225.000	17130.000	17710.000	77.890%	589.300	
3	01:14:53	83650.000	2284.000	0.000	9184.000	17410.000	17820.000	73.796%	581.500	
X		84290.000	2316.000	0.000	9156.000	17280.000	17800.000	78.659%	583.600	
		σ	569.600	27.830	0.000	86.980	138.200	88.730	5.289%	4.985
		%RSD	0.676	1.202	0.000	0.950	0.800	0.498	6.723	0.854
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	01:13:27	159.500	167.500	3923.000	232400.000	239400.000	87.920	215.700	178.000	
2	01:14:10	162.200	169.700	3999.000	234900.000	240600.000	88.960	219.800	180.600	
3	01:14:53	160.100	170.200	4008.000	236900.000	242100.000	88.190	215.200	179.900	
X		160.600	169.100	3977.000	234700.000	240700.000	88.360	216.900	179.500	
		σ	1.397	1.452	46.550	2255.000	1354.000	0.541	2.533	1.373
		%RSD	0.870	0.859	1.171	0.961	0.563	0.612	1.168	0.765
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	01:13:27	179.500	499.400	509.900	139.400	2.388	4.376	0.000	85.390	
2	01:14:10	180.000	506.000	514.100	140.400	1.787	4.503	0.000	87.260	
3	01:14:53	178.700	506.500	516.500	140.200	1.945	4.399	0.000	87.310	
X		179.400	504.000	513.500	140.000	2.040	4.426	0.000	86.650	
		σ	0.641	3.961	3.295	0.555	0.311	0.068	0.000	1.095
		%RSD	0.357	0.786	0.642	0.397	15.260	1.529	0.000	1.264
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	01:13:27	0.000	10.140	10.220	70.178%	0.242	0.167	1.971	1.451	
2	01:14:10	0.000	10.230	10.410	67.102%	0.236	0.158	1.701	1.369	
3	01:14:53	0.000	10.390	10.290	66.282%	0.255	0.154	1.871	1.468	
X		0.000	10.250	10.310	67.854%	0.244	0.159	1.848	1.429	
		σ	0.000	0.129	0.097	2.054%	0.010	0.007	0.137	0.053
		%RSD	0.000	1.256	0.941	3.028	3.909	4.178	7.391	3.707
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	01:13:27	69.295%	9.849	0.764	0.747	442.200	441.700	76.243%	75.424%	
2	01:14:10	67.341%	9.823	0.773	0.768	448.500	446.900	75.520%	74.896%	
3	01:14:53	66.465%	9.678	0.767	0.705	440.900	441.600	76.127%	75.398%	
X		67.700%	9.783	0.768	0.740	443.900	443.400	75.963%	75.239%	
		σ	1.449%	0.092	0.005	0.032	4.078	2.978	0.388%	0.297%
		%RSD	2.140	0.944	0.618	4.351	0.919	0.672	0.511	0.395
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi			
		ppb	ppb	ppb	ppb	ppb	ppb			
1	01:13:27	1.266	1.308	124.600	123.000	123.500	67.668%			
2	01:14:10	1.298	1.318	125.900	124.300	124.800	68.314%			
3	01:14:53	1.327	1.279	123.400	122.000	122.300	69.246%			
X		1.297	1.302	124.600	123.100	123.500	68.410%			
		σ	0.031	0.020	1.239	1.163	1.265	0.793%		
		%RSD	2.369	1.551	0.994	0.945	1.024	1.160		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:17:47	77.190%	4.714	19.720	20.200	0.000	375.500	22020.000	23120.000
2	01:18:30	73.846%	4.865	19.980	20.650	0.000	376.600	22420.000	23610.000
3	01:19:13	72.797%	4.936	21.050	20.650	0.000	387.800	22950.000	23990.000
X		74.611%	4.838	20.250	20.500	0.000	380.000	22460.000	23580.000
σ		2.294%	0.114	0.706	0.260	0.000	6.797	463.200	438.400
%RSD		3.075	2.346	3.487	1.267	0.000	1.789	2.062	1.859
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:17:47	81110.000	1588.000	0.000	7592.000	23220.000	24240.000	74.307%	503.600
2	01:18:30	82020.000	1606.000	0.000	7567.000	23300.000	24500.000	73.559%	501.300
3	01:19:13	83390.000	1653.000	0.000	7560.000	23360.000	24370.000	72.816%	502.800
X		82170.000	1616.000	0.000	7573.000	23290.000	24370.000	73.561%	502.600
σ		1147.000	33.660	0.000	16.710	73.620	134.600	0.745%	1.161
%RSD		1.395	2.084	0.000	0.221	0.316	0.552	1.013	0.231
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:17:47	172.700	196.400	3783.000	242400.000	249900.000	85.570	211.900	199.900
2	01:18:30	173.100	194.900	3799.000	243600.000	248500.000	84.410	207.200	200.300
3	01:19:13	173.500	197.500	3802.000	246300.000	252600.000	86.670	211.600	201.400
X		173.100	196.300	3795.000	244100.000	250400.000	85.550	210.200	200.500
σ		0.398	1.309	10.020	1968.000	2068.000	1.128	2.623	0.728
%RSD		0.230	0.667	0.264	0.806	0.826	1.319	1.248	0.363
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:17:47	200.700	755.900	766.400	128.600	2.263	4.721	0.000	109.500
2	01:18:30	199.100	759.200	775.700	129.500	2.078	3.632	0.000	111.900
3	01:19:13	203.200	766.700	780.600	130.100	2.153	3.880	0.000	113.500
X		201.000	760.600	774.200	129.400	2.165	4.078	0.000	111.600
σ		2.109	5.528	7.254	0.774	0.093	0.571	0.000	2.017
%RSD		1.049	0.727	0.937	0.599	4.307	14.010	0.000	1.806
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:17:47	0.000	10.220	10.250	65.657%	0.298	0.202	2.961	2.588
2	01:18:30	0.000	10.460	10.500	65.769%	0.294	0.219	2.741	2.489
3	01:19:13	0.000	10.650	10.610	64.946%	0.297	0.214	2.836	2.397
X		0.000	10.450	10.460	65.457%	0.296	0.211	2.846	2.491
σ		0.000	0.217	0.184	0.447%	0.002	0.009	0.111	0.095
%RSD		0.000	2.074	1.762	0.683	0.665	4.225	3.885	3.830
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:17:47	65.482%	11.730	0.924	0.925	473.900	475.800	72.945%	73.019%
2	01:18:30	65.974%	12.180	0.942	0.904	477.700	477.200	74.857%	74.350%
3	01:19:13	66.218%	12.270	0.926	0.908	478.900	477.000	75.055%	74.670%
X		65.891%	12.060	0.930	0.912	476.800	476.600	74.286%	74.013%
σ		0.375%	0.288	0.010	0.011	2.581	0.739	1.165%	0.876%
%RSD		0.569	2.385	1.048	1.228	0.541	0.155	1.569	1.183
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	01:17:47	1.221	1.254	220.900	217.600	218.200	67.815%		
2	01:18:30	1.276	1.256	223.900	220.300	221.200	69.421%		
3	01:19:13	1.219	1.258	225.400	221.600	222.500	69.474%		
X		1.239	1.256	223.400	219.800	220.700	68.903%		
σ		0.032	0.002	2.337	2.052	2.204	0.943%		
%RSD		2.618	0.162	1.046	0.934	0.999	1.368		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	01:22:07	77.538%	3.666	13.550	13.740	0.000	236.200	18250.000	18880.000	
2	01:22:50	76.742%	3.605	14.020	13.860	0.000	230.100	17700.000	18800.000	
3	01:23:33	75.388%	3.844	13.720	13.770	0.000	231.900	18160.000	19030.000	
X		76.556%	3.705	13.760	13.790	0.000	232.700	18040.000	18900.000	
		σ	1.087%	0.124	0.239	0.060	3.113	295.100	114.300	
		%RSD	1.420	3.345	1.735	0.432	0.000	1.338	1.636	0.605
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	01:22:07	83210.000	1859.000	0.000	6290.000	14200.000	13610.000	75.374%	432.600	
2	01:22:50	81970.000	1826.000	0.000	6130.000	13800.000	13620.000	74.879%	426.500	
3	01:23:33	82950.000	1875.000	0.000	6087.000	13720.000	13880.000	73.780%	428.900	
X		82710.000	1853.000	0.000	6169.000	13910.000	13700.000	74.678%	429.300	
		σ	656.500	25.090	0.000	107.100	257.700	151.800	0.816%	3.033
		%RSD	0.794	1.354	0.000	1.736	1.853	1.108	1.093	0.707
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	01:22:07	148.200	147.300	2741.000	187700.000	189200.000	62.900	155.700	154.100	
2	01:22:50	147.600	147.700	2742.000	188600.000	190100.000	62.390	154.700	156.100	
3	01:23:33	146.200	148.800	2779.000	190800.000	192400.000	63.580	157.600	156.700	
X		147.300	147.900	2754.000	189000.000	190600.000	62.960	156.000	155.700	
		σ	1.024	0.777	21.840	1591.000	1658.000	0.596	1.479	1.377
		%RSD	0.695	0.525	0.793	0.842	0.870	0.947	0.949	0.884
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	01:22:07	155.000	405.000	413.200	102.100	2.289	4.277	0.000	76.760	
2	01:22:50	156.700	409.700	419.100	102.300	2.087	3.914	0.000	78.840	
3	01:23:33	158.900	413.400	422.700	104.400	2.166	4.215	0.000	79.030	
X		156.900	409.400	418.300	102.900	2.181	4.135	0.000	78.210	
		σ	1.943	4.200	4.790	1.271	0.102	0.194	0.000	1.263
		%RSD	1.239	1.026	1.145	1.235	4.678	4.701	0.000	1.614
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	01:22:07	0.000	7.810	7.865	65.897%	0.257	0.194	1.392	1.096	
2	01:22:50	0.000	7.802	7.824	65.599%	0.265	0.194	1.248	1.008	
3	01:23:33	0.000	7.914	7.860	65.433%	0.274	0.208	1.278	1.015	
X		0.000	7.842	7.850	65.643%	0.265	0.199	1.306	1.040	
		σ	0.000	0.062	0.022	0.235%	0.009	0.008	0.076	0.049
		%RSD	0.000	0.795	0.285	0.358	3.247	4.075	5.823	4.685
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	01:22:07	65.400%	8.816	0.526	0.537	464.800	464.100	72.938%	72.000%	
2	01:22:50	66.120%	8.828	0.471	0.513	466.900	466.800	73.596%	73.090%	
3	01:23:33	65.818%	9.037	0.498	0.514	470.500	470.700	73.270%	73.508%	
X		65.779%	8.894	0.498	0.521	467.400	467.200	73.268%	72.866%	
		σ	0.362%	0.124	0.028	0.014	2.906	3.332	0.329%	0.779%
		%RSD	0.550	1.399	5.531	2.607	0.622	0.713	0.449	1.068
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi			
		ppb	ppb	ppb	ppb	ppb	ppb			
1	01:22:07	1.254	1.266	206.600	200.000	201.000	68.088%			
2	01:22:50	1.225	1.309	209.000	202.100	203.800	69.041%			
3	01:23:33	1.282	1.299	210.100	202.200	205.000	68.875%			
X		1.254	1.291	208.600	201.400	203.300	68.668%			
		σ	0.028	0.023	1.776	1.275	2.007	0.509%		
		%RSD	2.257	1.749	0.852	0.633	0.988	0.741		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:26:28	77.302%	3.523	19.540	18.910	0.000	272.000	15770.000	16400.000
2	01:27:11	77.048%	3.593	18.280	18.850	0.000	276.400	15610.000	16340.000
3	01:27:54	76.203%	3.525	18.470	18.830	0.000	281.800	15870.000	16560.000
X		76.851%	3.547	18.760	18.860	0.000	276.700	15750.000	16430.000
σ		0.575%	0.040	0.682	0.043	0.000	4.900	133.200	113.300
%RSD		0.749	1.131	3.636	0.228	0.000	1.771	0.846	0.690
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:26:28	61790.000	2546.000	0.000	6210.000	17880.000	18260.000	75.310%	466.200
2	01:27:11	61770.000	2546.000	0.000	6085.000	17830.000	18430.000	73.890%	470.300
3	01:27:54	63070.000	2595.000	0.000	6289.000	18340.000	18740.000	71.989%	477.600
X		62210.000	2562.000	0.000	6195.000	18020.000	18480.000	73.730%	471.400
σ		744.700	28.610	0.000	102.900	279.400	248.100	1.667%	5.769
%RSD		1.197	1.117	0.000	1.662	1.551	1.343	2.260	1.224
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:26:28	123.300	126.900	2457.000	184300.000	186200.000	62.670	148.500	113.600
2	01:27:11	126.700	130.100	2454.000	186800.000	190000.000	63.420	150.800	115.100
3	01:27:54	129.900	131.200	2540.000	190200.000	191400.000	64.240	152.500	117.000
X		126.600	129.400	2483.000	187100.000	189200.000	63.440	150.600	115.200
σ		3.309	2.183	48.870	2990.000	2734.000	0.784	2.017	1.696
%RSD		2.613	1.687	1.968	1.598	1.445	1.235	1.340	1.472
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:26:28	113.700	338.600	341.300	110.800	1.672	3.168	0.000	67.110
2	01:27:11	115.500	339.800	346.400	111.100	1.723	3.147	0.000	68.310
3	01:27:54	117.200	346.100	351.600	113.700	1.795	3.341	0.000	68.770
X		115.500	341.500	346.500	111.900	1.730	3.219	0.000	68.060
σ		1.736	4.003	5.159	1.575	0.062	0.107	0.000	0.857
%RSD		1.503	1.172	1.489	1.408	3.564	3.313	0.000	1.260
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:26:28	0.000	8.114	8.082	66.584%	0.191	0.112	1.484	1.112
2	01:27:11	0.000	8.259	8.214	66.490%	0.197	0.123	1.184	0.923
3	01:27:54	0.000	8.218	8.347	66.113%	0.196	0.127	1.184	0.843
X		0.000	8.197	8.214	66.395%	0.194	0.121	1.284	0.959
σ		0.000	0.075	0.132	0.249%	0.003	0.008	0.173	0.138
%RSD		0.000	0.914	1.611	0.375	1.660	6.606	13.490	14.400
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:26:28	65.646%	6.968	1.047	1.057	334.400	333.500	71.777%	72.047%
2	01:27:11	65.951%	7.036	1.020	1.092	337.300	336.300	73.389%	73.290%
3	01:27:54	66.224%	7.329	1.131	1.054	334.700	338.900	73.940%	73.869%
X		65.940%	7.111	1.066	1.067	335.400	336.200	73.035%	73.069%
σ		0.289%	0.192	0.058	0.021	1.605	2.687	1.124%	0.931%
%RSD		0.438	2.694	5.410	1.978	0.478	0.799	1.539	1.274
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	01:26:28	0.953	0.981	83.430	81.550	82.190	67.955%		
2	01:27:11	0.991	1.010	84.170	83.260	83.210	69.329%		
3	01:27:54	1.007	0.993	85.280	84.040	84.230	69.430%		
X		0.984	0.995	84.290	82.950	83.210	68.905%		
σ		0.028	0.014	0.932	1.270	1.022	0.824%		
%RSD		2.857	1.452	1.105	1.531	1.228	1.196		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:30:49	74.088%	5.094	20.150	19.940	0.000	312.600	23810.000	24970.000
2	01:31:32	74.203%	5.232	19.910	20.430	0.000	297.200	23250.000	24780.000
3	01:32:15	73.694%	5.151	20.030	20.440	0.000	298.900	23900.000	25280.000
X		73.995%	5.159	20.030	20.270	0.000	302.900	23650.000	25010.000
σ		0.266%	0.069	0.123	0.290	0.000	8.456	351.400	251.100
%RSD		0.360	1.335	0.615	1.433	0.000	2.792	1.486	1.004
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:30:49	97560.000	2129.000	0.000	7696.000	15040.000	13660.000	74.699%	665.200
2	01:31:32	97000.000	2079.000	0.000	7734.000	15320.000	14970.000	72.805%	665.700
3	01:32:15	98480.000	2128.000	0.000	7777.000	15380.000	14970.000	71.247%	656.100
X		97680.000	2112.000	0.000	7736.000	15250.000	14530.000	72.917%	662.400
σ		744.200	28.650	0.000	40.290	180.500	755.700	1.729%	5.397
%RSD		0.762	1.357	0.000	0.521	1.184	5.199	2.371	0.815
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:30:49	183.900	181.800	6172.000	258700.000	264100.000	103.400	213.900	187.300
2	01:31:32	187.100	184.400	6221.000	261900.000	266900.000	104.900	212.500	188.500
3	01:32:15	190.400	186.800	6346.000	264000.000	267000.000	105.000	216.500	189.500
X		187.100	184.300	6246.000	261500.000	266000.000	104.400	214.300	188.400
σ		3.234	2.514	89.740	2677.000	1675.000	0.911	1.994	1.120
%RSD		1.728	1.364	1.437	1.024	0.630	0.872	0.930	0.594
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:30:49	186.600	530.900	537.200	155.500	2.684	5.004	0.000	95.420
2	01:31:32	188.900	539.000	550.100	157.900	2.721	5.339	0.000	96.730
3	01:32:15	190.100	548.200	557.600	159.700	2.774	5.125	0.000	98.060
X		188.500	539.400	548.300	157.700	2.726	5.156	0.000	96.740
σ		1.779	8.668	10.300	2.091	0.046	0.170	0.000	1.321
%RSD		0.943	1.607	1.878	1.326	1.669	3.295	0.000	1.366
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:30:49	0.000	11.250	11.390	64.099%	0.244	0.193	1.589	1.308
2	01:31:32	0.000	11.390	11.630	64.196%	0.244	0.191	1.591	1.267
3	01:32:15	0.000	11.500	11.820	63.751%	0.257	0.167	1.670	1.420
X		0.000	11.380	11.620	64.015%	0.248	0.184	1.617	1.332
σ		0.000	0.127	0.212	0.234%	0.008	0.015	0.046	0.080
%RSD		0.000	1.112	1.824	0.365	3.136	8.071	2.875	5.978
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:30:49	63.651%	8.371	1.039	1.085	542.000	541.500	71.002%	70.510%
2	01:31:32	64.228%	8.504	1.062	1.051	542.300	544.400	72.375%	72.040%
3	01:32:15	63.984%	8.607	1.059	1.054	547.400	547.200	72.463%	72.387%
X		63.954%	8.494	1.053	1.063	543.900	544.400	71.947%	71.646%
σ		0.290%	0.118	0.013	0.019	3.019	2.874	0.819%	0.999%
%RSD		0.453	1.394	1.198	1.803	0.555	0.528	1.139	1.394
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	01:30:49	1.632	1.644	359.700	337.800	343.800	65.752%		
2	01:31:32	1.633	1.623	362.900	339.100	346.600	66.899%		
3	01:32:15	1.671	1.693	367.400	344.800	350.900	66.510%		
X		1.645	1.653	363.300	340.600	347.100	66.387%		
σ		0.022	0.036	3.881	3.691	3.556	0.583%		
%RSD		1.337	2.150	1.068	1.084	1.024	0.879		

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:35:10	73.405%	4.875	23.780	24.480	0.000	402.900	22150.000	22800.000
2	01:35:53	71.121%	5.042	25.720	25.180	0.000	405.300	22320.000	23540.000
3	01:36:36	72.850%	4.969	23.190	24.770	0.000	420.500	22330.000	23250.000
X		72.459%	4.962	24.230	24.810	0.000	409.600	22270.000	23200.000
σ		1.191%	0.084	1.325	0.352	0.000	9.531	102.500	376.600
%RSD		1.644	1.696	5.468	1.421	0.000	2.327	0.460	1.624
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:35:10	83220.000	2347.000	0.000	9348.000	16890.000	17330.000	73.819%	620.100
2	01:35:53	84020.000	2372.000	0.000	9576.000	17580.000	17750.000	71.761%	636.200
3	01:36:36	84720.000	2404.000	0.000	9479.000	17640.000	17890.000	70.631%	638.900
X		83990.000	2374.000	0.000	9468.000	17370.000	17660.000	72.070%	631.700
σ		746.500	28.670	0.000	114.000	417.200	293.800	1.617%	10.180
%RSD		0.889	1.208	0.000	1.204	2.401	1.664	2.243	1.612
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:35:10	157.500	160.600	3996.000	237200.000	240500.000	101.800	194.600	156.100
2	01:35:53	159.800	163.800	3977.000	237900.000	243300.000	103.600	199.400	160.900
3	01:36:36	165.000	168.100	4069.000	243800.000	249700.000	105.500	202.300	160.000
X		160.800	164.200	4014.000	239600.000	244500.000	103.600	198.700	159.000
σ		3.853	3.768	48.750	3671.000	4735.000	1.847	3.857	2.586
%RSD		2.397	2.296	1.215	1.532	1.937	1.783	1.941	1.626
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:35:10	156.900	432.100	443.500	134.100	2.210	3.993	0.000	76.050
2	01:35:53	162.800	447.900	454.400	136.400	2.128	3.947	0.000	78.050
3	01:36:36	163.200	454.500	458.600	139.500	2.140	4.659	0.000	78.440
X		161.000	444.800	452.100	136.700	2.159	4.200	0.000	77.510
σ		3.518	11.540	7.808	2.719	0.044	0.399	0.000	1.282
%RSD		2.185	2.594	1.727	1.989	2.045	9.493	0.000	1.653
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:35:10	0.000	11.370	11.400	63.800%	0.274	0.195	1.783	1.312
2	01:35:53	0.000	11.910	11.590	63.603%	0.287	0.165	1.728	1.389
3	01:36:36	0.000	11.930	11.690	63.468%	0.291	0.203	1.762	1.343
X		0.000	11.740	11.560	63.624%	0.284	0.188	1.758	1.348
σ		0.000	0.321	0.147	0.167%	0.009	0.020	0.028	0.039
%RSD		0.000	2.732	1.272	0.263	3.165	10.550	1.593	2.889
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:35:10	63.402%	8.870	0.786	0.778	419.900	423.700	71.106%	70.936%
2	01:35:53	64.162%	8.997	0.763	0.842	425.700	428.200	72.338%	72.545%
3	01:36:36	63.566%	8.867	0.735	0.833	433.900	433.300	72.519%	72.414%
X		63.710%	8.912	0.762	0.818	426.500	428.400	71.988%	71.965%
σ		0.400%	0.074	0.025	0.035	6.998	4.828	0.769%	0.893%
%RSD		0.628	0.834	3.323	4.267	1.641	1.127	1.068	1.241
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	01:35:10	1.181	1.152	123.500	121.200	121.700	65.424%		
2	01:35:53	1.185	1.137	124.200	121.800	122.500	67.289%		
3	01:36:36	1.157	1.142	125.600	123.400	123.900	67.702%		
X		1.174	1.143	124.400	122.100	122.700	66.805%		
σ		0.015	0.008	1.057	1.121	1.116	1.214%		
%RSD		1.301	0.660	0.850	0.918	0.909	1.817		

CCV 664806 12/23/2012 1:41:39 AM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:42:22	69.592%	103.300	95.560	97.190	0.000	47090.000	44050.000	45450.000
2	01:43:05	69.045%	101.900	96.680	96.110	0.000	47580.000	44170.000	45500.000
3	01:43:48	68.741%	104.200	98.690	97.930	0.000	46040.000	43540.000	45320.000
X		69.126%	103.142%	96.977%	97.079%	0.000	93.798%	87.836%	90.843%
σ		0.431%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		0.624	1.085	1.637	0.943	0.000	1.677	0.757	0.207
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:42:22	462.600	4910.000	0.000	48430.000	48720.000	50780.000	71.025%	97.850
2	01:43:05	464.700	4999.000	0.000	48840.000	49770.000	50690.000	70.567%	100.400
3	01:43:48	464.100	4928.000	0.000	48590.000	49170.000	50440.000	71.229%	98.850
X		92.759%	98.913%	0.000	97.237%	98.442%	101.269%	70.940%	99.028%
σ		n/a	n/a	0.000	n/a	n/a	n/a	0.339%	n/a
%RSD		0.241	0.955	0.000	0.425	1.071	0.348	0.478	1.294
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:42:22	97.440	98.150	520.800	25850.000	25750.000	95.220	94.670	94.590
2	01:43:05	98.210	98.010	525.300	25940.000	25720.000	96.610	95.590	95.260
3	01:43:48	96.010	97.170	520.200	25550.000	25660.000	95.310	93.120	94.000
X		97.216%	97.777%	104.417%	103.122%	102.836%	95.713%	94.458%	94.616%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		1.148	0.546	0.540	0.787	0.174	0.817	1.325	0.671
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:42:22	95.490	100.700	100.800	96.050	100.200	99.900	0.000	93.650
2	01:43:05	95.240	100.100	100.500	95.890	100.600	100.500	0.000	93.640
3	01:43:48	95.330	99.220	99.670	97.020	99.260	99.890	0.000	93.550
X		95.351%	100.002%	100.315%	96.321%	100.016%	100.084%	0.000	93.615%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		0.133	0.738	0.573	0.633	0.671	0.319	0.000	0.056
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:42:22	70.410%	91.280	93.400	65.287%	94.000	95.160	98.520	99.520
2	01:43:05	72.108%	95.760	97.110	66.363%	95.900	96.430	100.100	100.500
3	01:43:48	73.305%	98.300	98.690	67.421%	95.000	96.480	98.620	99.790
X		71.941%	95.112%	96.400%	66.357%	94.967%	96.022%	99.066%	99.920%
σ		1.455%	n/a	n/a	1.067%	n/a	n/a	n/a	n/a
%RSD		2.022	3.737	2.815	1.608	1.000	0.780	0.871	0.480
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:42:22	65.326%	95.250	95.710	95.470	94.150	95.600	66.834%	67.740%
2	01:43:05	67.317%	96.440	96.720	96.440	94.860	96.080	68.803%	70.075%
3	01:43:48	68.231%	96.890	97.080	95.990	95.110	95.070	70.234%	71.564%
X		66.958%	96.193%	96.503%	95.966%	94.707%	95.580%	68.624%	69.793%
σ		1.485%	n/a	n/a	n/a	n/a	n/a	1.707%	1.927%
%RSD		2.218	0.879	0.735	0.509	0.523	0.529	2.488	2.761
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	01:42:22	93.170	92.680	93.200	92.890	92.540	67.756%		
2	01:43:05	94.320	93.780	94.490	94.660	94.120	70.226%		
3	01:43:48	94.350	94.250	94.630	94.370	93.800	71.289%		
X		93.948%	93.569%	94.105%	93.976%	93.490%	69.757%		
σ		n/a	n/a	n/a	n/a	n/a	1.813%		
%RSD		0.715	0.857	0.838	1.014	0.894	2.599		

CCB8 12/23/2012 1:49:36 AM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:50:19	92.285%	-0.025	0.597	0.545	0.000	2.010	3.652	3.876
2	01:51:02	89.188%	-0.007	0.500	0.452	0.000	1.908	3.437	4.001
3	01:51:45	90.415%	-0.026	0.436	0.483	0.000	1.472	4.017	3.774
X		90.629%	-0.019	0.511	0.494	0.000	1.797	3.702	3.884
σ		1.560%	0.011	0.081	0.047	0.000	0.286	0.293	0.113
%RSD		1.721	55.100	15.880	9.592	0.000	15.930	7.921	2.919
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:50:19	0.812	-2.660	0.000	-5.633	7.478	2.347	88.839%	-0.007
2	01:51:02	0.785	-2.743	0.000	-7.439	6.239	4.415	85.944%	-0.047
3	01:51:45	0.808	-2.936	0.000	-7.914	2.423	2.265	86.133%	-0.057
X		0.802	-2.780	0.000	-6.995	5.380	3.009	86.972%	-0.037
σ		0.015	0.142	0.000	1.204	2.635	1.219	1.619%	0.027
%RSD		1.825	5.093	0.000	17.200	48.980	40.500	1.862	72.620
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:50:19	-0.008	-0.014	0.373	3.647	14.000	-0.002	-0.031	-0.049
2	01:51:02	0.027	-0.012	0.368	2.014	10.720	0.000	-0.020	-0.049
3	01:51:45	-0.021	-0.033	0.324	0.003	10.330	0.002	-0.019	-0.052
X		-0.001	-0.019	0.355	1.888	11.680	-0.000	-0.023	-0.050
σ		0.025	0.012	0.027	1.825	2.014	0.002	0.007	0.002
%RSD		3229.000	59.380	7.638	96.670	17.240	1075.000	29.680	3.621
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:50:19	-0.051	-0.690	-0.602	-0.475	-0.535	-2.242	0.000	0.015
2	01:51:02	-0.057	-0.643	-0.662	-0.411	-0.647	-1.870	0.000	0.016
3	01:51:45	-0.050	-0.620	-0.561	-0.445	-0.495	-2.004	0.000	0.016
X		-0.052	-0.651	-0.608	-0.444	-0.559	-2.039	0.000	0.016
σ		0.004	0.035	0.051	0.032	0.079	0.189	0.000	0.000
%RSD		7.630	5.432	8.405	7.195	14.080	9.245	0.000	2.252
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:50:19	80.491%	0.283	0.242	84.931%	0.002	0.001	-0.077	-0.049
2	01:51:02	80.546%	0.237	0.218	84.753%	0.004	-0.008	-0.111	-0.078
3	01:51:45	81.407%	0.201	0.184	84.713%	-0.003	-0.006	-0.046	-0.028
X		80.815%	0.240	0.215	84.799%	0.001	-0.005	-0.078	-0.052
σ		0.513%	0.041	0.029	0.116%	0.004	0.005	0.032	0.025
%RSD		0.635	17.050	13.720	0.137	253.500	102.200	41.520	48.660
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:50:19	77.965%	-0.397	-0.076	-0.044	-0.004	0.033	81.288%	82.805%
2	01:51:02	78.552%	-0.374	-0.055	-0.051	-0.014	0.031	83.457%	84.831%
3	01:51:45	78.871%	-0.507	-0.084	-0.074	-0.014	0.016	83.600%	85.203%
X		78.463%	-0.426	-0.072	-0.057	-0.010	0.027	82.782%	84.280%
σ		0.460%	0.071	0.015	0.016	0.006	0.009	1.296%	1.291%
%RSD		0.586	16.620	20.330	28.210	56.890	34.800	1.565	1.531
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	01:50:19	0.004	0.007	0.100	0.105	0.098	91.259%		
2	01:51:02	0.008	0.008	0.096	0.105	0.094	92.856%		
3	01:51:45	0.009	0.006	0.088	0.095	0.083	93.654%		
X		0.007	0.007	0.095	0.102	0.092	92.590%		
σ		0.003	0.001	0.006	0.006	0.008	1.220%		
%RSD		37.750	12.400	6.641	5.869	8.323	1.317		

CRI 668876 12/23/2012 2:01:10 AM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:01:53	76.025%	0.917	5.483	5.668	0.000	90.620	84.590	84.980
2	02:02:36	74.114%	0.998	5.905	5.680	0.000	91.520	83.570	88.470
3	02:03:19	73.103%	1.017	5.498	5.624	0.000	88.540	83.920	87.000
X		74.414%	97.715%	112.568%	113.148%	0.000	90.227%	84.026%	86.816%
σ		1.484%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		1.994	5.421	4.255	0.519	0.000	1.698	0.620	2.015
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:01:53	26.500	462.300	0.000	85.600	105.600	100.300	75.796%	4.513
2	02:02:36	27.060	474.300	0.000	86.260	87.440	98.180	74.427%	4.738
3	02:03:19	27.320	481.300	0.000	87.490	104.600	103.700	71.611%	4.838
X		89.870%	94.523%	0.000	86.452%	99.211%	100.699%	73.945%	93.926%
σ		n/a	n/a	0.000	n/a	n/a	n/a	2.134%	n/a
%RSD		1.545	2.039	0.000	1.104	10.280	2.752	2.885	3.535
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:01:53	0.838	1.905	5.195	59.430	59.010	0.481	0.990	2.010
2	02:02:36	0.904	1.883	5.398	57.400	58.790	0.484	0.964	1.918
3	02:03:19	0.949	1.938	5.328	57.010	58.090	0.463	0.973	1.902
X		89.702%	95.424%	1061.407%	115.893%	117.261%	95.253%	97.541%	97.160%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		6.220	1.442	1.950	2.240	0.820	2.350	1.347	3.013
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:01:53	1.990	4.532	4.995	0.876	4.946	5.146	0.000	4.928
2	02:02:36	1.947	4.809	4.665	0.845	5.574	4.561	0.000	4.916
3	02:03:19	1.894	4.954	4.919	0.921	5.186	4.567	0.000	4.900
X		97.176%	95.300%	97.197%	88.065%	104.706%	95.155%	0.000	98.292%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		2.482	4.503	3.553	4.321	6.060	7.060	0.000	0.290
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:01:53	69.157%	4.487	4.427	75.219%	0.937	0.923	0.929	1.008
2	02:02:36	69.924%	4.510	4.513	75.377%	0.873	0.897	0.948	1.024
3	02:03:19	69.477%	4.602	4.442	75.675%	0.927	0.916	0.971	0.997
X		69.519%	90.659%	89.216%	75.423%	91.223%	91.203%	94.915%	100.946%
σ		0.385%	n/a	n/a	0.232%	n/a	n/a	n/a	n/a
%RSD		0.554	1.340	1.024	0.307	3.780	1.499	2.234	1.347
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:01:53	70.936%	4.801	1.863	1.907	9.134	9.480	74.124%	75.369%
2	02:02:36	72.231%	4.847	1.810	1.833	9.145	9.114	76.072%	76.843%
3	02:03:19	73.008%	4.617	1.816	1.759	8.883	8.605	76.963%	78.166%
X		72.058%	95.098%	91.491%	91.661%	90.540%	90.663%	75.719%	76.792%
σ		1.047%	n/a	n/a	n/a	n/a	n/a	1.452%	1.399%
%RSD		1.453	2.559	1.590	4.036	1.636	4.851	1.917	1.822
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	02:01:53	0.861	0.827	0.898	0.914	0.878	85.184%		
2	02:02:36	0.818	0.829	0.873	0.887	0.874	86.518%		
3	02:03:19	0.818	0.796	0.860	0.924	0.868	87.333%		
X		83.238%	81.768%	87.738%	90.862%	87.318%	86.345%		
σ		n/a	n/a	n/a	n/a	n/a	1.085%		
%RSD		2.969	2.265	2.195	2.099	0.569	1.256		

CCV 664806 12/23/2012 2:08:23 AM QC Status: PASS (Initial: FAIL)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:09:06	72.647%	102.300	94.830	93.420	0.000	47970.000	44830.000	45840.000
2	02:09:49	71.889%	102.000	98.700	96.420	0.000	48120.000	44920.000	45220.000
3	02:10:32	69.883%	104.700	98.820	97.470	0.000	48230.000	45350.000	45900.000
x		71.473%	102.984%	97.451%	95.772%	0.000	96.206%	90.069%	91.305%
σ		1.428%	n/a	n/a	n/a	0.000	n/a	n/a	n/a
%RSD		1.998	1.417	2.326	2.194	0.000	0.272	0.616	0.832
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:09:06	462.700	4948.000	0.000	48290.000	48130.000	50340.000	75.794%	99.350
2	02:09:49	457.800	4975.000	0.000	49300.000	48930.000	50480.000	75.588%	100.100
3	02:10:32	460.600	4968.000	0.000	49490.000	49130.000	50690.000	75.285%	100.200
x		92.067%	99.273%	0.000	98.050%	97.460%	101.013%	75.556%	99.867%
σ		n/a	n/a	0.000	n/a	n/a	n/a	0.256%	n/a
%RSD		0.532	0.283	0.000	1.318	1.092	0.348	0.339	0.450
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:09:06	96.700	95.410	511.400	25590.000	25530.000	93.610	92.540	93.360
2	02:09:49	96.500	96.050	515.900	25940.000	25730.000	95.050	94.550	94.000
3	02:10:32	98.900	97.450	513.700	26020.000	25790.000	95.960	93.220	94.310
x		97.367%	96.303%	102.736%	103.400%	102.731%	94.872%	93.436%	93.889%
σ		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
%RSD		1.372	1.082	0.435	0.884	0.543	1.252	1.093	0.514
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:09:06	93.720	98.350	99.400	93.870	99.830	99.550	0.000	93.970
2	02:09:49	94.400	99.250	98.990	95.840	100.400	100.700	0.000	94.000
3	02:10:32	94.390	99.020	99.490	96.770	101.300	101.500	0.000	94.420
x		94.171%	98.873%	99.297%	95.492%	100.524%	100.572%	0.000	94.130%
σ		n/a	n/a	n/a	n/a	n/a	n/a	0.000	n/a
%RSD		0.417	0.471	0.269	1.551	0.740	0.953	0.000	0.269
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:09:06	72.736%	93.170	93.930	68.094%	93.400	95.430	98.910	100.400
2	02:09:49	74.534%	96.740	97.400	68.634%	95.360	96.880	98.560	100.200
3	02:10:32	75.226%	97.750	99.380	69.132%	96.150	97.470	99.900	101.700
x		74.165%	95.888%	96.902%	68.620%	94.967%	96.595%	99.126%	100.768%
σ		1.285%	n/a	n/a	0.519%	n/a	n/a	n/a	n/a
%RSD		1.733	2.510	2.848	0.757	1.489	1.085	0.702	0.771
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:09:06	66.065%	97.440	97.000	96.530	96.590	96.090	68.052%	69.090%
2	02:09:49	67.937%	97.670	98.140	97.580	97.060	97.300	69.871%	71.076%
3	02:10:32	68.530%	99.610	98.990	98.430	96.980	97.960	70.480%	71.833%
x		67.511%	98.239%	98.046%	97.514%	96.873%	97.120%	69.468%	70.666%
σ		1.287%	n/a	n/a	n/a	n/a	n/a	1.263%	1.416%
%RSD		1.906	1.216	1.018	0.976	0.259	0.979	1.818	2.004
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	02:09:06	90.450	90.000	90.590	90.070	89.950	70.495%		
2	02:09:49	91.450	91.500	91.720	92.080	91.810	71.918%		
3	02:10:32	93.230	93.400	93.800	93.760	93.540	72.011%		
x		91.712%	91.632%	92.036%	91.973%	91.767%	71.475%		
σ		n/a	n/a	n/a	n/a	n/a	0.850%		
%RSD		1.533	1.856	1.769	2.008	1.960	1.189		

CCB9 12/23/2012 2:16:19 AM QC Status: PASS (Initial: PASS)

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:17:02	99.589%	-0.036	0.384	0.452	0.000	2.922	4.196	4.195
2	02:17:45	98.946%	-0.026	0.302	0.338	0.000	2.936	4.510	4.446
3	02:18:28	97.816%	-0.026	0.516	0.381	0.000	2.888	4.197	4.127
X		98.784%	-0.029	0.401	0.390	0.000	2.915	4.301	4.256
σ		0.898%	0.006	0.108	0.058	0.000	0.025	0.181	0.168
%RSD		0.909	18.770	26.850	14.750	0.000	0.858	4.211	3.950
Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:17:02	0.707	-2.671	0.000	-5.158	6.317	4.243	93.280%	-0.021
2	02:17:45	0.712	-3.047	0.000	-5.042	2.672	4.851	92.509%	-0.083
3	02:18:28	0.743	-2.670	0.000	-6.529	3.067	3.726	89.703%	-0.039
X		0.721	-2.796	0.000	-5.576	4.019	4.274	91.831%	-0.048
σ		0.019	0.217	0.000	0.827	2.000	0.563	1.883%	0.032
%RSD		2.670	7.766	0.000	14.830	49.760	13.170	2.050	66.790
Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:17:02	0.012	-0.004	0.242	6.639	14.870	0.005	-0.012	-0.045
2	02:17:45	-0.002	-0.022	0.228	1.222	9.727	0.004	-0.027	-0.048
3	02:18:28	0.020	-0.016	0.235	-0.134	9.453	0.006	-0.028	-0.045
X		0.010	-0.014	0.235	2.576	11.350	0.005	-0.022	-0.046
σ		0.011	0.009	0.007	3.584	3.053	0.001	0.009	0.002
%RSD		112.000	63.270	3.022	139.100	26.900	20.890	40.910	3.416
Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	83Kr	88Sr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:17:02	-0.051	-0.538	-0.491	-0.400	-0.382	-1.549	0.000	0.022
2	02:17:45	-0.071	-0.508	-0.571	-0.537	-0.453	-2.351	0.000	0.015
3	02:18:28	-0.051	-0.649	-0.469	-0.444	-0.309	-1.818	0.000	0.025
X		-0.057	-0.565	-0.510	-0.460	-0.381	-1.906	0.000	0.021
σ		0.012	0.074	0.053	0.070	0.072	0.408	0.000	0.005
%RSD		20.400	13.090	10.460	15.260	18.820	21.420	0.000	23.060
Run	Time	89Y	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:17:02	81.231%	0.217	0.205	87.149%	-0.006	-0.004	-0.079	-0.053
2	02:17:45	82.870%	0.209	0.205	87.966%	-0.007	-0.011	-0.068	-0.027
3	02:18:28	82.603%	0.198	0.179	87.462%	-0.005	-0.003	-0.115	-0.079
X		82.235%	0.208	0.196	87.526%	-0.006	-0.006	-0.087	-0.053
σ		0.880%	0.009	0.015	0.412%	0.001	0.005	0.024	0.026
%RSD		1.070	4.403	7.730	0.471	22.540	82.590	28.080	49.560
Run	Time	115In	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:17:02	83.259%	-0.417	-0.058	-0.071	-0.003	0.029	83.118%	83.578%
2	02:17:45	84.709%	-0.517	-0.070	-0.062	0.006	0.028	85.206%	86.258%
3	02:18:28	84.522%	-0.480	-0.061	-0.081	-0.009	0.021	85.538%	86.517%
X		84.164%	-0.471	-0.063	-0.071	-0.002	0.026	84.621%	85.451%
σ		0.789%	0.050	0.006	0.009	0.008	0.004	1.312%	1.627%
%RSD		0.937	10.670	9.821	13.130	348.100	16.450	1.550	1.904
Run	Time	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi		
		ppb	ppb	ppb	ppb	ppb	ppb		
1	02:17:02	0.006	0.011	0.035	0.035	0.043	95.211%		
2	02:17:45	0.013	0.006	0.030	0.034	0.031	95.971%		
3	02:18:28	0.011	0.009	0.025	0.038	0.030	97.018%		
X		0.010	0.009	0.030	0.036	0.035	96.067%		
σ		0.003	0.003	0.005	0.002	0.007	0.907%		
%RSD		33.680	31.600	15.860	5.958	20.590	0.944		

Performance Report

Sample details

Sample name : ITUNE

Acquired at : 12/22/2012 1:07:01 PM

Report name : EPA ILMO5.2/6020A 2.1 [8/5/2011 12:59:56 PM]

Mass Calibration verification

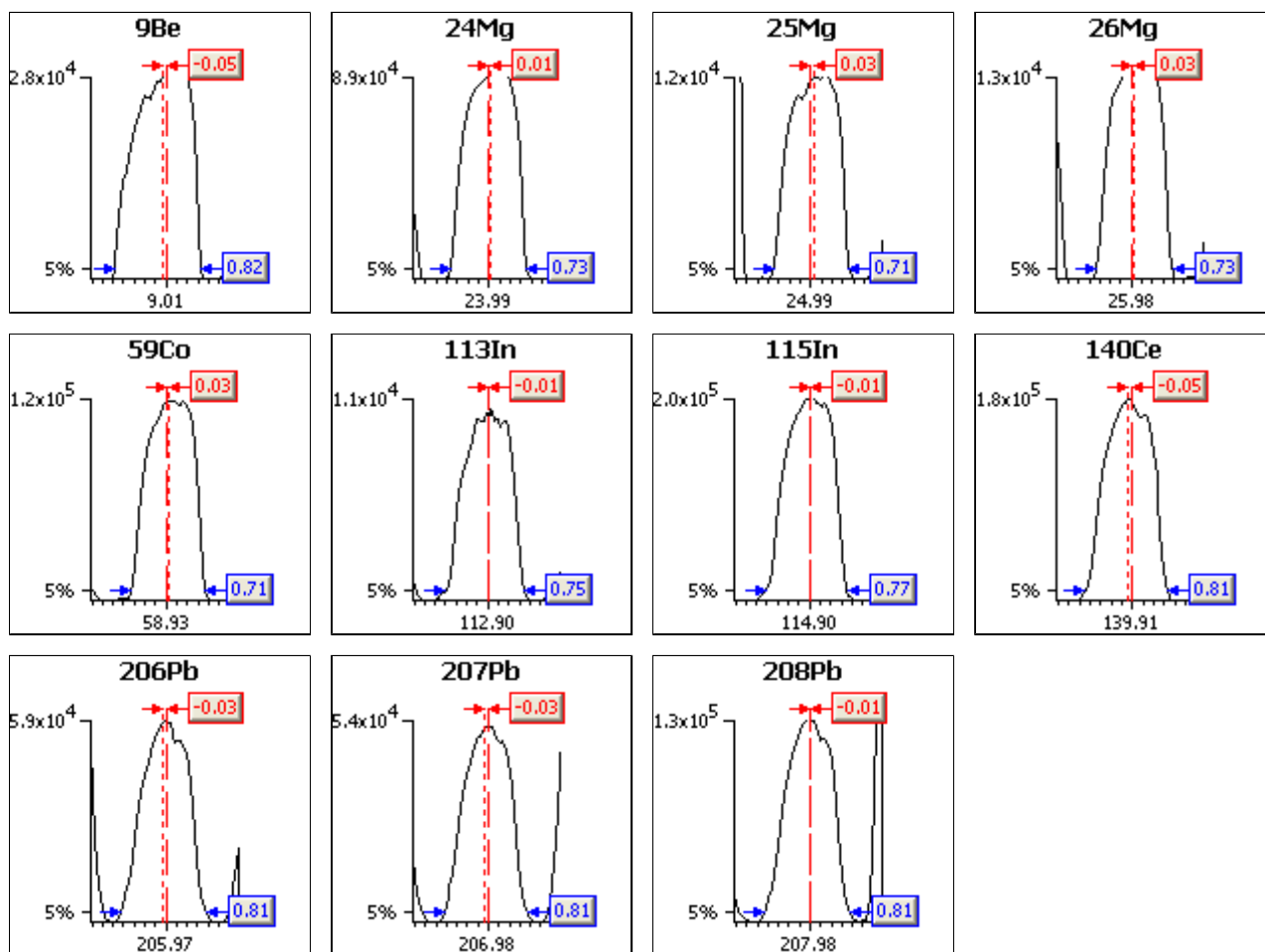
Acquisition parameters

Sweeps : 25

Dwell : 2.0 mSecs

Point spacing : 0.02 amu

Peak width measured at 5% of the peak maximum



Analyte	Limits			Results	
	Max. width	Min. width	Max. error	Peak width	Peak error
9Be	0.90	0.45	0.10	0.82	-0.05
24Mg	0.90	0.45	0.10	0.73	0.01
25Mg	0.90	0.45	0.10	0.71	0.03
26Mg	0.90	0.45	0.10	0.73	0.03
59Co	0.90	0.45	0.10	0.71	0.03
113In	0.90	0.45	0.10	0.75	-0.01
115In	0.90	0.45	0.10	0.77	-0.01
140Ce	0.90	0.45	0.10	0.81	-0.05
206Pb	0.90	0.45	0.10	0.81	-0.03
207Pb	0.90	0.45	0.10	0.81	-0.03
208Pb	0.90	0.45	0.10	0.81	-0.01

Sample details

Sample name : ITUNE

Acquired at : 12/22/2012 1:07:01 PM

Report name : EPA ILM05.2/6020A 2.1 [8/5/2011 12:59:56 PM]

Tune conditions

Major		Minor		Global		Add. Gases	
Extraction	-114	Lens 2	-36.1	Standard resolution	n/a	He/H2	0.00
Lens 1	2.0	Lens 3	-176.5	High resolution	n/a	He/NH3	0.00
Focus	26.7	Forward power	1349	Analogue Detector	n/a		
D1	-37.6	Horizontal	72	PC Detector	n/a		
Pole Bias	3.0	Vertical	408				
Hexapole Bias	-3.0	D2	-160				
Nebuliser	0.80	DA	-80.0				
Sampling Depth	150	Cool	13.0				
		Auxiliary	0.90				

Sensitivity and stability results**Acquisition parameters**

Sweeps : 150

Run	Time	5Bkg	9Be	24Mg	25Mg	26Mg	56Ar O	59Co	137Ba++
Dwell (mSecs)		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Limits	%RSD	-	5.0%	5.0%	5.0%	5.0%	-	5.0%	-
	Countrate	-	>500	>500	>500	>500	-	>10000	-
1	1:07:49 PM	0	22876	93457	11826	13902	611449	124804	35
2	1:09:14 PM	0	22097	91897	11535	13604	581441	124866	30
3	1:10:39 PM	0	22273	93518	11890	13802	581857	126095	30
4	1:12:04 PM	0	21973	93452	11745	13705	581130	125666	27
5	1:13:30 PM	0	22675	94415	12052	13944	588626	128393	31
x		0	22379	93348	11810	13792	588901	125965	31
σ		0.08	384.02	907.67	190.27	139.82	12982.25	1462.73	2.92
%RSD		71.261	1.716	0.972	1.611	1.014	2.204	1.161	9.484

Run	Time	138Ba++	101Bkg	113In	115In	138Ba	140Ce	156Ce O	206Pb
Dwell (mSecs)		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Limits	%RSD	-	-	5.0%	5.0%	-	5.0%	-	5.0%
	Countrate	-	-	>200	>5000	-	>10000	-	>500
1	1:07:49 PM	205	0	8812	195306	5185	196530	2970	60492
2	1:09:14 PM	206	0	8867	196462	5127	198444	3032	61017
3	1:10:39 PM	202	0	9043	198103	5123	201079	3053	61839
4	1:12:04 PM	203	0	8948	198842	5068	199832	3024	61450
5	1:13:30 PM	196	0	9098	199490	5130	201416	3118	61644
x		202	0	8954	197641	5127	199460	3040	61288
σ		3.83	0.09	118.63	1726.19	41.33	2012.55	53.47	539.14
%RSD		1.892	72.436	1.325	0.873	0.806	1.009	1.759	0.880

Run	Time	207Pb	208Pb	220Bkg
Dwell (mSecs)		0.0	0.0	0.0
Limits	%RSD	5.0%	5.0%	-
	Countrate	>500	>500	<2500
1	1:07:49 PM	55011	130892	0
2	1:09:14 PM	55713	132400	0
3	1:10:39 PM	56336	134357	0
4	1:12:04 PM	55551	132204	0
5	1:13:30 PM	55582	132607	0
x		55639	132492	0
σ		473.72	1239.15	0.04
%RSD		0.851	0.935	34.233

Ratio results

Run	Time	156Ce O/140Ce
Ratio limits		<0.0500
1	1:07:49 PM	0
2	1:09:14 PM	0

3	1:10:39 PM	0
4	1:12:04 PM	0
5	1:13:30 PM	0
\bar{x}		0.0152
σ		0.00
%RSD		0.9842

Result : The performance report passed.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Pittsburgh Job No.: 240-17467-2

SDG No.: _____

Batch Number: 59037 Batch Start Date: 11/26/12 12:31 Batch Analyst: Reinheimer, Bill

Batch Method: 3050B Batch End Date: 11/26/12 17:30

Lab Sample ID	Client Sample ID	Method Chain	Basis	CalcMsg	InitialAmount	FinalAmount	CANMS2 00001	CANMSA)Low 00001	CANMSA High 00001
MB 180-59037/1		3050B, 6020/DOD		CALC NOT SET TO RUN	1.00 g	100 mL			
LCS 180-59037/2		3050B, 6020/DOD		CALC NOT SET TO RUN	1.00 g	100 mL	1 mL		1 mL
240-17467-Q-2	075SD-0002-0001- SD	3050B, 6020/DOD	T	CALC NOT SET TO RUN	1.08 g	100 mL			
240-17467-Q-2 DU	075SD-0002-0001- SD	3050B, 6020/DOD	T	CALC NOT SET TO RUN	1.08 g	100 mL			
240-17467-Q-2 MS	075SD-0002-0001- SD	3050B, 6020/DOD	T	CALC NOT SET TO RUN	1.08 g	100 mL	1 mL	1 mL	
240-17467-G-4	075SD-0003-0001- SD	3050B, 6020/DOD	T	CALC NOT SET TO RUN	1.04 g	100 mL			

Lab Sample ID	Client Sample ID	Method Chain	Basis	CANMSB High 00001	CANMSB Low 00001				
MB 180-59037/1		3050B, 6020/DOD							
LCS 180-59037/2		3050B, 6020/DOD		1 mL					
240-17467-Q-2	075SD-0002-0001- SD	3050B, 6020/DOD	T						
240-17467-Q-2 DU	075SD-0002-0001- SD	3050B, 6020/DOD	T						
240-17467-Q-2 MS	075SD-0002-0001- SD	3050B, 6020/DOD	T		1 mL				
240-17467-G-4	075SD-0003-0001- SD	3050B, 6020/DOD	T						

METALS BATCH WORKSHEET

Lab Name: TestAmerica Pittsburgh Job No.: 240-17467-2

SDG No.: _____

Batch Number: 59037 Batch Start Date: 11/26/12 12:31 Batch Analyst: Reinheimer, Bill

Batch Method: 3050B Batch End Date: 11/26/12 17:30

Batch Notes	
Analyst	Dale Elshaw - Canton
Balance ID	B039
Batch Comment	Samples were prepared in Canton Lab. Batched @ Pitt for TALS upload.
Filter Paper Lot Number	6326666
Hydrogen peroxide lot number	10 mL K45A06
Lot # of hydrochloric acid	10 mL 0000013500
Logbook ID for diluted Nitric	5 mL L03021
Lot # of Nitric Acid	10 mL L03021
Pipette ID	383364-383389
Digestion Tube/Cup Lot #	121014

Basis	Basis Description
T	Total/NA

Subcontract Data

Shipping and Receiving Documents

Chain of Custody Record

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location:
Regulatory program:

DW NPDES RCRA Other

Client Contact Company Name: ECC Address: 33 BOSTON POST RD W City/State/Zip: MA 01752 Phone: MA 01752		Client Project Manager: Name: AL EASTMAN Telephone: 508-509-1784 Email:		Site Contact: Name: JEFF DENOVAN Telephone: 508-509-1784		Lab Contact: Name: MARK LOBB Telephone:		TestAmerica Laboratories, Inc. COC No: 048642 1 of 1 COCs	
Project Name: NAVENA		Method of Shipment/Carrier: HAND DELIVERED TO LAB		Analysis Turnaround Time (as indicated): TAT if different from below: STANDARD <input type="checkbox"/> 3 weeks <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Analyses: PCN SVL VOL MERCURY EX POSITIVES PCB POLYCYC PAH MONOMALS TOL MONOMALS		Special Specific Notes / Special Instructions: TRIP BEL	
Project Number: Shipping/Tracking No:		Sample Identification		Container & Preservatives		Elemental Sample (Y/N)		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months	
PO#		Sample Date Sample Time		Months		Other:		Sample Specific Notes / Special Instructions:	
07550-0001-0001-SD		11-9-12 1415		1		BI		X	
07550-0002-0001-SD		1400		2		X		X X X X X	
07550-0002-0002-SD		↓		2		X		X X X X X	
07550-0002-0003-SD		↓		2		X		X X X X X	
07550-0004-0001-TB		0900		2		X		X X X X X	
07550-0003-0001-SD		↓		2		X		X X X X X	

DISCRETE SAMPLES - NOT INCREMENTAL SAMPLES - DO NOT DRY

Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:	Received In Laboratory by:	Date/Time:	Company:

TestAmerica Canton Sample Receipt Form/Narrative

Login # : 17467

Client ECC Site Name

By: [Signature] (Signature)

Cooler Received on 11-9-12 Opened on 11-9-12

FedEx: 1st Grd Exp UPS FAS Stetson Client Drop Off TestAmerica Courier Other

TestAmerica Cooler # B108 Foam Box Client Cooler Box Other

Packing material used: Bubble Wrap Foam Plastic Bag None Other

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

- IR GUN# 1 (CF -2 °C) Observed Sample Temp. °C Corrected Sample Temp. °C
IR GUN# 4G (CF 0 °C) Observed Sample Temp. °C Corrected Sample Temp. °C
IR GUN# 5G (CF 0 °C) Observed Sample Temp. 5.8 °C Corrected Sample Temp. 5.8 °C
IR GUN# 8 (CF 0 °C) Observed Sample Temp. °C Corrected Sample Temp. °C

Multiple on Back

- 2. Were custody seals on the outside of the cooler(s)? If Yes Quantity Yes No
-Were custody seals on the outside of the cooler(s) signed & dated? Yes No NA
-Were custody seals on the bottle(s)? Yes No

- 3. Shippers' packing slip attached to the cooler(s)? Yes No
4. Did custody papers accompany the sample(s)? Yes No
5. Were the custody papers relinquished & signed in the appropriate place? Yes No
6. Did all bottles arrive in good condition (Unbroken)? Yes No
7. Could all bottle labels be reconciled with the COC? Yes No
8. Were correct bottle(s) used for the test(s) indicated? Yes No
9. Sufficient quantity received to perform indicated analyses? Yes No
10. Were sample(s) at the correct pH upon receipt? Yes No NA
11. Were VOAs on the COC? Yes No
12. Were air bubbles >6 mm in any VOA vials? Yes No NA
13. Was a trip blank present in the cooler(s)? Yes No

Contacted PM Date by via Verbal Voice Mail Other Concerning

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Empty lines for Chain of Custody and Sample Discrepancies.

15. SAMPLE CONDITION

Sample(s) were received after the recommended holding time had expired.
Sample(s) were received in a broken container.
Sample(s) were received with bubble >6 mm in diameter. (Notify PM)

Login Sample Receipt Checklist

Client: Environmental Chemical Corp.

Job Number: 240-17467-2

Login Number: 17467

List Number: 1

Creator: Gamber, Tom

List Source: TestAmerica Pittsburgh

List Creation: 12/20/12 05:34 PM

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	