1268026

FULL INORGANICS COMPLETE SDG FILE (CSF) INVENTORY SHEET

LABORATORY NAME :	CHEMTECH CONSULTING GROUP, INC.		
CITY / STATE :	MOUNTAINSIDE, NJ		
CASE NO :	41926	SDG NO :	MH30T9
SDG NOs TO FOLLOW			
NRAS NO :			
CONTRACT NO :	EPW09038		
SOW NO :	ISM01.3		

All documents delivered in the Complete SDG File must be original documents where possible. (Reference - Exhibit B Section 2.6)

		PAGE NOS: FROM	TO	CHECK LAB	REGION
1.	Inventory Sheet (DC-2)	1	2	✓	
2.	SDG Narrative	3	4	✓	
3.	Sample Log-In Sheet (DC-1)	5	6	✓	
4.	Traffic Report/Chain of Custody Record(s)	7	9	✓	
5.	Cover Page	10	11	✓	
	Inorganic Analysis				
6.	Data Sheet (Form IA-IN)	12	29	✓	
7.	Initial & Continuing Calibration Verification (Form IIA-IN)	30	36	✓	
8.	Blanks (Form III-IN)	37	41	✓	
9.	ICP-AES Interference Check Sample (Form IVA-IN)				
10.	ICP-MS Interference Check Sample (Form IVB-IN)	42	43	✓	
11.	Matrix Spike Sample Recovery (Form VA-IN)	44	44	✓	
12.	Post-Digestion Spike Sample Recovery (Form VB-IN)	45	45	✓	
13.	Duplicates (Form VI-IN)	46	46	✓	
14.	Laboratory Control Sample (Form VII-IN)	47	47	✓	
15.	ICP-AES and ICP-MS Serial Dilutions (Form VIII-IN)	48	48	✓	
16.	Method Detection Limits (Annually) (Form IX-IN)	49	49	✓	
17.	ICP-AES Interelement Correction Factors (Annually) (Form XA-IN)				
18.	ICP-AES Interelement Correction Factor (Annually) (Form XB-IN)				
19.	Internal Standard Association (Form XI-IN)	50	50	✓	
20.	Preparation Log (Form XII-IN)	51	51	✓	
21.	Analysis Run Log (Form XIII-IN)	52	56	✓	
22.	ICP-MS Tune (Form XIV-IN)	57	57	✓	
23.	ICP-MS Internal Standards Relative Intensity Summary (Form XV-IN)	58	65	✓	
24.	Initial Calibration (Form XVI-IN)	66	67	✓	
25.	ICP-AES Raw Data				
26.	ICP-MS Raw Data	68	471	✓	
27.	Mercury Raw Data				

28.	Cyanide Raw Data				
29.	Preparation Logs Raw Data	472	474	✓	
30.	Percent Solids Determination Log				
31.	**USEPA Shipping/Receiving Documents**				
	Airbill (No. of Shipments) 2	475	476	✓	
	Sample Tags (*In a Plastic Bag w/ Page #)*				
	Sample Log-In Sheet (Lab)	477	478	✓	
32.	Misc. Shipping/Receiving Records				
	(list all individual records)				
	Telephone log				
	PE Instuction Page				
	Modified Analysis Page				
33.	Internal Lab Sample Transfer Records &				
	Tracking Sheets (describe or list)				
	Internal Lab COC	479	479	✓	
	Miscellaneous				
34.	Internal Original Sample Prep &				
	Analysis Records (describe or list)				
	Prep Records				
	Analysis Records				
	Description				
35.	Other Records (describe or list) Communications Log				
36.	Comments :				

Completed By :

(CLP Lab) Mildred V Reyes (Signature) **Mildred V. Reyes,Document Control Officer** (Print Name & Title) 11/18/11 (Date)

Audited By :

(USEPA) _____ (Signature) _____ (Print Name & Title) _____ (Date)

FORM DC-2-2 ISM01.3

CHEMTECH
284 Sheffield Street
Mountainside, NJ 07092

SDG NARRATIVE

USEPA
SDG # MH30T9
CASE # 41926
CONTRACT # EPW09038
LAB NAME: CHEMTECH CONSULTING GROUP
LAB CODE: CHEM
CHEMTECH PROJECT #C4368

A. Number of Samples and Date of Receipt

18 Water Samples were delivered to the laboratory intact on 10/28/11 & 10/29/11.

B. Parameters

Test requested for Metals CLP MS = Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Vanadium, Zinc.

C. Cooler Temp

Indicator Bottle: **Presence**/Absence
Cooler: 3°C & 6°C

D. Detail Documentation (related to Sample Handling Shipping, Analytical Problem, Temp of Cooler etc):

Issue 1: No sample was designated for laboratory QC or they indicated that laboratory QC is not required on the TR/COC. Per scheduling, laboratory QC is required.

Issue 2: Sample tags were not received with samples at the laboratory. Sample tag numbers may or may not be listed on the TR/COC.

E. Corrective Action taken for above:

Resolution 1: In accordance with previous direction from [*Region 8*], the laboratory will select a sample for laboratory QC as long as the sample is not a PE, blank, or rinsate sample and laboratory QC can be performed at full volume. The laboratory will note the issue in the SDG Narrative and proceed with the analysis of the samples.

Resolution 2: In accordance with previous direction from [*Region 8*], the laboratory will note the issue in the SDG Narrative, and proceed with the analysis of the sample. The Resolution will be applied to all samples received for this Case.

CHEMTECH
284 Sheffield Street
Mountainside, NJ 07092

F. Analytical Techniques:

All analyses were based on CLP Methodology by method ISM01.3

G. Calculation:

Calculation example for ICP-MS Water Sample:

Results reported in Ug/L = Results in ppb X Dilution Factor (if any) X Fraction of Sample Amount Taken in ICP Water- Prep

Fraction of Sample Amount Taken in ICP-MS Water- Prep = 100/100 or 50/50 =1

(If 100 ml Initial Volume taken and Final Volume was made to 100 ml or 50 ml Initial Volume and Final Volume made to 50 ml in ICP-MS Water Digestion procedure)

H. QA/ QC

Calibrations met requirements. Interference check met requirements. Blank analyses did not indicate any presence of contamination. Laboratory Control sample was within control limits. Spike sample did meet requirements. Duplicate sample did meet requirements. Serial Dilution did meet requirements.

I certify that the data package is in compliance with the terms and conditions of the contract both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Director or his designee, as verified by the following signature.

Signature Mildred V Reyes

Date 11/18/11

Name: Mildred V. Reyes

Title: Document Control Officer

SAMPLE LOG-IN SHEET

Lab Name CHEMTECH CONSULTING GROUP

Received By (Print Name) Ken Rivera	Log-in Date **10/28/2011**
Received By (Signature) Ken Rivera	
Case Number 41926	Sample Delivery Group No. MH30T9 — NRAS Number N/A

Remarks:

1. Custody Seal(s) — Present/Absent* Intact/Broken
2. Custody Seal Nos. — N/A
3. Traffic Reports/Chain Of Custody Records or Packing Lists — Present/Absent*
4. Airbill — Airbill/Sticker Present/Absent*
5. Airbill No. — 7953446725054
6. Sample Tags Sample Tag # — Present/Absent* Listed/Not Listed On TR/ Chain-of-Custody
7. Sample Condition — Intact/Broken*/Leaking
8. Cooler Temperature Indicator Bottle — Present/Absent*
9. Cooler Temperature — 3°C
10. Does information on custody records, traffic reports, and sample tags agree? — Yes/No*
11. Date Received at Lab — 10/28/11
12. Time Received — 9:15

Corresponding

EPA Sample #	Aqueous Sample pH	Sample Tag #	igned Lab #	Remarks: Condition of Sample shipment, etc.
MH30T9	< 2	NO TAGS	C4368-01	On ice intact
MH30W0			C4368-02	
MH30W1			C4368-03	
MH30W2			C4368-04	
MH30W3			C4368-05	
MH30W4			C4368-06	
MH30W5			C4368-07	
MH30W6			C4368-08	
MH30W7			C4368-09	
MH30W8			C4368-10	
MH30W8D			C4368-11	
MH30W8S			C4368-12	

Sample Transfer

Fraction	Fraction Metals
Area #	Area # A22
By	By Ken Rivera
On	On 10/28/11

* Contact SMO and attach record of resolution

Reviewed By Snehal Mohta	Logbook No.
Date 10/28/11	Logbook Page

SAMPLE LOG-IN SHEET

Lab Name CHEMTECH CONSULTING GROUP

Page 1 of 1

Received By (Print Name) Palak Shah	Log-in Date **10/29/2011**
Received By (Signature) Palak Shah	
Case Number 41926	Sample Delivery Group No. MH30T9 / NRAS Number NA

Remarks:

1. Custody Seal(s) — Present/Absent* / Intact/Broken
2. Custody Seal Nos. — NA
3. Traffic Reports/Chain Of Custody Records or Packing Lists — Present/Absent*
4. Airbill — Airbill/Sticker Present/Absent*
5. Airbill No. — 8768287382 32
6. Sample Tags Sample Tag # — Present/Absent* / Listed/Not Listed On TR/ Chain-of-Custody
7. Sample Condition — Intact/Broken*/Leaking
8. Cooler Temperature Indicator Bottle — Present/Absent*
9. Cooler Temperature — 6 °C
10. Does information on custody records, traffic reports, and sample tags agree? — Yes/No*
11. Date Received at Lab — 10/29/11
12. Time Received — 10:34

Corresponding EPA Sample #	Aqueous Sample pH	Sample Tag #	Lab #	Remarks: Condition of Sample shipment, etc.
MH30X0	<2	NO TAGS	C4368-13	On ice
MH30X1			C4368-14	
MH30Y2			C4368-15	
MH30Y3			C4368-16	
MH30Y4			C4368-17	
MH30Y5			C4368-18	
MH30Y6			C4368-19	
MH30Z6			C4368-20	

Sample Transfer

Fraction	Fraction Metals
Area #	Area # A22
By	By Palak Shah
On	On 10/29/11

* Contact SMO and attach record of resolution

Reviewed By Snehal Mehta	Logbook No.
Date 10/29/11	Logbook Page

FORM DC-1

ISM01.2

6

Sample Delivery Group (SDG) Cover Sheet

SDG Number	MH30T9	Case Number	41926	Contract Number	EPW09038
Lab Code	CHEM	SDG Turnaround	21 days	Delivery CLIN(s)	—

First Sample Received in SDG	MH30T9	Last Sample Received in SDG	MH30Z6
First Sample Receipt Date	10/28/2011 9:15:00 AM	Last Sample Receipt Date	10/29/2011 10:34:00 AM

USEPA Sample Numbers in SDG (Listed in Numerical Order)

CLP Sample ID	Sample Type	Requested Analytical CLIN(s)/SubCLIN(s)	Solicitation Number	MA Number(s)
MH30T9	Field Sample	0010C	NONE	NONE
MH30W0	Field Sample	0010C		
MH30W1	Field Sample	0010C		
MH30W2	Field Sample	0010C		
MH30W3	Field Sample	0010C		
MH30W4	Field Sample	0010C		
MH30W5	Field Sample	0010C		
MH30W6	Field Sample	0010C		
MH30W7	Field Sample	0010C		
MH30W8	Field Sample	0010C		
MH30W8D	Field Sample	0010C		
MH30W8S	Field Sample	0010C		
MH30X0	Field Sample	0010C		
MH30X1	Field Sample	0010C		
MH30Y2	Field Sample	0010C		
MH30Y3	Field Sample	0010C		
MH30Y4	Field Sample	0010C		
MH30Y5	Field Sample	0010C		
MH30Y6	Field Sample	0010C		
MH30Z6	Field Sample	0010C		

Note: *There are a maximum of 20 **field** samples (excluding PE samples) in an SDG. Attach TR/COC Records to this form in alphanumeric order (the order listed above on this form).*

Signature Richard Montes Date 11/3/11

7

SDG # MH3079

USEPA
DateShipped: 10/26/2011
CarrierName: FedEx
AirbillNo:

CHAIN OF CUSTODY RECORD

Site #: 41926
Contact Name: Jeff Miller
Contact Phone: 720-219-7891

No: 8-102611-101158-0001
Cooler #: ∞
Lab: Spectrum Analytical
Lab Phone: 401-732-3400

Lab #	CLP Sample #	Analyses	Matrix	Collected	Sample Time	Preservative	MS/MSD
	MH30S8	Metals	Sediment	10/24/2011	14:00		
	MH30S9	Metals	Sediment	10/24/2011	15:25		
	MH30T0	Metals	Sediment	10/24/2011	16:11		
	MH30T1	Metals	Sediment	10/24/2011	15:22		
	MH30T2	Metals	Sediment	10/24/2011	16:45		
	MH30T3	Metals	Sediment	10/24/2011	17:30		
	MH30T4	Metals	Sediment	10/24/2011	17:45		
	MH30T5	Metals	Sediment	10/25/2011	10:15		
	MH30T6	Metals	Sediment	10/25/2011	11:35		
	MH30T7	Metals	Sediment	10/25/2011	12:40		
	MH30T9	Metals	Surface Water	10/24/2011	14:00	HNO3 pH<2	
	MH30W0	Metals	Surface Water	10/24/2011	15:25	HNO3 pH<2	
	MH30W1	Metals	Surface Water	10/24/2011	16:11	HNO3 pH<2	
	MH30W2	Metals	Surface Water	10/24/2011	15:22	HNO3 pH<2	
	MH30W3	Metals	Surface Water	10/24/2011	16:45	HNO3 pH<2	
	MH30W4	Metals	Surface Water	10/24/2011	17:30	HNO3 pH<2	
	MH30W5	Metals	Surface Water	10/24/2011	17:45	HNO3 pH<2	
	MH30W6	Metals	Surface Water	10/25/2011	10:15	HNO3 pH<2	
	MH30W7	Metals	Surface Water	10/25/2011	11:35	HNO3 pH<2	
	MH30W8	Metals	Surface Water	10/25/2011	12:40	HNO3 pH<2	

Temp: 3°C

Special Instructions: Results to ~~miller.jeff~~ jeff.miller@urs.com, amy.gray@urs.com

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
	[illegible]	10/26/11	FedEx	10/26/11	1300						
	FedEx	10/27/11	[illegible]	10/27/11	3:50						
	[illegible]	10/27/11	[illegible]	10/28/11	9:15						

SDG # MH30T9

USEPA
DateShipped: 10/28/2011
CarrierName: FedEx
AirbillNo:

CHAIN OF CUSTODY RECORD
Site #: 41926
Contact Name: Jeff Miller
Contact Phone: 720-219-7891

No: 8-102711-173437-0005
Cooler #: 5
Lab: ChemTech Consulting Group
Lab Phone: 908-789-8900

Lab #	CLP Sample #	Analyses	Matrix	Collected	Sample Time	Preservative	MS/MSD
	MH30Q0	Metals	Soil	10/26/2011	09:05		
	MH30Q1	Metals	Soil	10/25/2011	14:47		
	MH30Q2	Metals	Soil	10/25/2011	15:15		
	MH30Q3	Metals	Soil	10/25/2011	15:40		
	MH30Q4	Metals	Soil	10/25/2011	17:10		
	MH30Q6	Metals	Soil	10/25/2011	16:50		
	MH30Q8	Metals	Soil	10/26/2011	13:00		
	MH30Q9	Metals	Soil	10/26/2011	13:45		
	MH30R0	Metals	Soil	10/26/2011	17:05		
	MH30R1	Metals	Soil	10/26/2011	16:30		
	MH30S4	Metals	Soil	10/25/2011	09:55		
	MH30S5	Metals	Soil	10/25/2011	10:36		
	MH30X0	Metals	Ground Water	10/26/2011	09:30	HNO3 pH<2	
	MH30X1	Metals	Ground Water	10/26/2011	10:30	HNO3 pH<2	
	MH30Y2	Metals	Ground Water	10/26/2011	10:55	HNO3 pH<2	
	MH30Y3	Metals	Ground Water	10/26/2011	12:05	HNO3 pH<2	
	MH30Y4	Metals	Ground Water	10/26/2011	15:05	HNO3 pH<2	
	MH30Y5	Metals	Ground Water	10/26/2011	17:05	HNO3 pH<2	
	MH30Y6	Metals	Ground Water	10/26/2011	18:20	HNO3 pH<2	
	MH30Z6	Metals	Ground Water	10/25/2011	16:05	HNO3 pH<2	

Special Instructions: Results to jeff.miller@urs.com, amy.k.gray@urs.com

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY # NA

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
	Jen Pelkin	10/28/11	FedEx	10/28/11	830						
	Fedex	10/29/11	DS	10/29/11	10:34						

Temp: 6°C

Metals

COVER PAGE

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No: 41926 Mod. Ref. No.: _____ SDG No: MH30T9

SOW No.: ISM01.3

EPA Sample No.	Lab Sample ID
MH30T9	C4368-01
MH30W0	C4368-02
MH30W1	C4368-03
MH30W2	C4368-04
MH30W3	C4368-05
MH30W4	C4368-06
MH30W5	C4368-07
MH30W6	C4368-08
MH30W7	C4368-09
MH30W8	C4368-10
MH30W8D	C4368-11
MH30W8S	C4368-12
MH30X0	C4368-13
MH30X1	C4368-14
MH30Y2	C4368-15
MH30Y3	C4368-16
MH30Y4	C4368-17

		ICP-AES	ICP-MS
Were ICP-AES and ICP-MS interelement corrections applied?	(Yes/No)	NO	YES
Were ICP-AES and ICP-MS background corrections applied?	(Yes/No)	NO	YES
If yes, were raw data generated before application of background corrections?	(Yes/No)	NO	N/A

The laboratory did not receive any instructions with this SDG to modify the SOW standard laboratory sample preparation procedures (e.g., subsampling). To aid in the determination of data usability with respect to project decisions, any modifications performed are described below.

Comments: _____

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy Data Package and in the electronic data submitted has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Mildred U Reyes Name: MILDRED REYES

Date: 11/18/11 Title: DOCUMENT CONTROL OFFICER

Metals

COVER PAGE

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No: 41926 Mod. Ref. No.: _____ SDG No: MH30T9

SOW No.: ISM01.3

EPA Sample No.	Lab Sample ID
MH30Y5	C4368-18
MH30Y6	C4368-19
MH30Z6	C4368-20

		ICP-AES	ICP-MS
Were ICP-AES and ICP-MS interelement corrections applied?	(Yes/No)	NO	YES
Were ICP-AES and ICP-MS background corrections applied?	(Yes/No)	NO	YES
If yes, were raw data generated before application of background corrections?	(Yes/No)	NO	N/A

The laboratory did not receive any instructions with this SDG to modify the SOW standard laboratory sample preparation procedures (e.g., subsampling). To aid in the determination of data usability with respect to project decisions, any modifications performed are described below.

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy Data Package and in the electronic data submitted has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Mildred Reyes Name: MILDRED REYES

Date: 11/18/11 Title: DOCUMENT CONTROL OFFICER

Metals

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH30T9

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: SDG No.: MH30T9

Matrix: WATER Lab Sample ID: C4368-01

% Solids: Date Received: 10/28/2011

Concentration Units (ug/L, ug, or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	147			MS
7440-36-0	Antimony	2.0	U		MS
7440-38-2	Arsenic	1.7			MS
7440-39-3	Barium	167			MS
7440-41-7	Beryllium	1.0	U		MS
7440-43-9	Cadmium	1.0	U		MS
7440-70-2	Calcium	26900			MS
7440-47-3	Chromium	0.30	J		MS
7440-48-4	Cobalt	0.13	J		MS
7440-50-8	Copper	1.5	J		MS
7439-89-6	Iron	218			MS
7439-92-1	Lead	0.32	J		MS
7439-95-4	Magnesium	11600			MS
7439-96-5	Manganese	6.4			MS
7440-02-0	Nickel	0.70	J		MS
7440-09-7	Potassium	2340			MS
7782-49-2	Selenium	5.0	U		MS
7440-22-4	Silver	1.0	U		MS
7440-23-5	Sodium	13800			MS
7440-28-0	Thallium	1.0	U		MS
7440-62-2	Vanadium	0.72	J		MS
7440-66-6	Zinc	4.8			MS

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

Metals

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH30W0

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: SDG No.: MH30T9

Matrix: WATER Lab Sample ID: C4368-02

% Solids: Date Received: 10/28/2011

Concentration Units (ug/L, ug, or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	149			MS
7440-36-0	Antimony	2.0	U		MS
7440-38-2	Arsenic	1.8			MS
7440-39-3	Barium	169			MS
7440-41-7	Beryllium	1.0	U		MS
7440-43-9	Cadmium	1.0	U		MS
7440-70-2	Calcium	27900			MS
7440-47-3	Chromium	0.42	J		MS
7440-48-4	Cobalt	0.16	J		MS
7440-50-8	Copper	1.7	J		MS
7439-89-6	Iron	224			MS
7439-92-1	Lead	0.37	J		MS
7439-95-4	Magnesium	11800			MS
7439-96-5	Manganese	7.7			MS
7440-02-0	Nickel	0.62	J		MS
7440-09-7	Potassium	2430			MS
7782-49-2	Selenium	5.0	U		MS
7440-22-4	Silver	1.0	U		MS
7440-23-5	Sodium	14300			MS
7440-28-0	Thallium	1.0	U		MS
7440-62-2	Vanadium	0.85	J		MS
7440-66-6	Zinc	3.1			MS

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

Metals

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH30W1

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: SDG No.: MH30T9

Matrix: WATER Lab Sample ID: C4368-03

% Solids: Date Received: 10/28/2011

Concentration Units (ug/L, ug, or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	131			MS
7440-36-0	Antimony	2.0	U		MS
7440-38-2	Arsenic	1.8			MS
7440-39-3	Barium	168			MS
7440-41-7	Beryllium	1.0	U		MS
7440-43-9	Cadmium	1.0	U		MS
7440-70-2	Calcium	27400			MS
7440-47-3	Chromium	0.17	J		MS
7440-48-4	Cobalt	0.15	J		MS
7440-50-8	Copper	1.8	J		MS
7439-89-6	Iron	214			MS
7439-92-1	Lead	0.42	J		MS
7439-95-4	Magnesium	11800			MS
7439-96-5	Manganese	9.0			MS
7440-02-0	Nickel	0.69	J		MS
7440-09-7	Potassium	2430			MS
7782-49-2	Selenium	5.0	U		MS
7440-22-4	Silver	1.0	U		MS
7440-23-5	Sodium	14600			MS
7440-28-0	Thallium	1.0	U		MS
7440-62-2	Vanadium	0.79	J		MS
7440-66-6	Zinc	4.2			MS

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

Metals

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH30W2

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: SDG No.: MH30T9

Matrix: WATER Lab Sample ID: C4368-04

% Solids: Date Received: 10/28/2011

Concentration Units (ug/L, ug, or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	37.1			MS
7440-36-0	Antimony	2.0	U		MS
7440-38-2	Arsenic	2.7			MS
7440-39-3	Barium	93.3			MS
7440-41-7	Beryllium	1.0	U		MS
7440-43-9	Cadmium	1.0	U		MS
7440-70-2	Calcium	29600			MS
7440-47-3	Chromium	0.42	J		MS
7440-48-4	Cobalt	0.085	J		MS
7440-50-8	Copper	3.6			MS
7439-89-6	Iron	155	J		MS
7439-92-1	Lead	0.49	J		MS
7439-95-4	Magnesium	8350			MS
7439-96-5	Manganese	23.3			MS
7440-02-0	Nickel	0.56	J		MS
7440-09-7	Potassium	1790			MS
7782-49-2	Selenium	5.0	U		MS
7440-22-4	Silver	1.0	U		MS
7440-23-5	Sodium	6420			MS
7440-28-0	Thallium	1.0	U		MS
7440-62-2	Vanadium	0.66	J		MS
7440-66-6	Zinc	6.8			MS

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

Metals

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH30W3

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: SDG No.: MH30T9

Matrix: WATER Lab Sample ID: C4368-05

% Solids: Date Received: 10/28/2011

Concentration Units (ug/L, ug, or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	35.7			MS
7440-36-0	Antimony	0.35	J		MS
7440-38-2	Arsenic	2.8			MS
7440-39-3	Barium	94.3			MS
7440-41-7	Beryllium	1.0	U		MS
7440-43-9	Cadmium	1.0	U		MS
7440-70-2	Calcium	29700			MS
7440-47-3	Chromium	0.23	J		MS
7440-48-4	Cobalt	0.16	J		MS
7440-50-8	Copper	3.2			MS
7439-89-6	Iron	155	J		MS
7439-92-1	Lead	0.48	J		MS
7439-95-4	Magnesium	8420			MS
7439-96-5	Manganese	43.5			MS
7440-02-0	Nickel	0.47	J		MS
7440-09-7	Potassium	1880			MS
7782-49-2	Selenium	5.0	U		MS
7440-22-4	Silver	1.0	U		MS
7440-23-5	Sodium	8190			MS
7440-28-0	Thallium	0.079	J		MS
7440-62-2	Vanadium	0.92	J		MS
7440-66-6	Zinc	7.4			MS

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

Metals

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH30W4

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: SDG No.: MH30T9

Matrix: WATER Lab Sample ID: C4368-06

% Solids: Date Received: 10/28/2011

Concentration Units (ug/L, ug, or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	34.1			MS
7440-36-0	Antimony	0.26	J		MS
7440-38-2	Arsenic	2.9			MS
7440-39-3	Barium	93.2			MS
7440-41-7	Beryllium	1.0	U		MS
7440-43-9	Cadmium	1.0	U		MS
7440-70-2	Calcium	29200			MS
7440-47-3	Chromium	0.28	J		MS
7440-48-4	Cobalt	0.11	J		MS
7440-50-8	Copper	3.3			MS
7439-89-6	Iron	154	J		MS
7439-92-1	Lead	0.56	J		MS
7439-95-4	Magnesium	8430			MS
7439-96-5	Manganese	40.9			MS
7440-02-0	Nickel	0.45	J		MS
7440-09-7	Potassium	1870			MS
7782-49-2	Selenium	5.0	U		MS
7440-22-4	Silver	1.0	U		MS
7440-23-5	Sodium	8600			MS
7440-28-0	Thallium	1.0	U		MS
7440-62-2	Vanadium	0.82	J		MS
7440-66-6	Zinc	6.1			MS

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

Metals

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH30W5

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: SDG No.: MH30T9

Matrix: WATER Lab Sample ID: C4368-07

% Solids: Date Received: 10/28/2011

Concentration Units (ug/L, ug, or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	34.4			MS
7440-36-0	Antimony	0.20	J		MS
7440-38-2	Arsenic	2.7			MS
7440-39-3	Barium	90.7			MS
7440-41-7	Beryllium	1.0	U		MS
7440-43-9	Cadmium	1.0	U		MS
7440-70-2	Calcium	28700			MS
7440-47-3	Chromium	0.22	J		MS
7440-48-4	Cobalt	0.071	J		MS
7440-50-8	Copper	3.6			MS
7439-89-6	Iron	165	J		MS
7439-92-1	Lead	0.49	J		MS
7439-95-4	Magnesium	8170			MS
7439-96-5	Manganese	28.9			MS
7440-02-0	Nickel	0.36	J		MS
7440-09-7	Potassium	1790			MS
7782-49-2	Selenium	5.0	U		MS
7440-22-4	Silver	1.0	U		MS
7440-23-5	Sodium	6850			MS
7440-28-0	Thallium	1.0	U		MS
7440-62-2	Vanadium	0.64	J		MS
7440-66-6	Zinc	5.7			MS

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

Metals

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH30W6

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: SDG No.: MH30T9

Matrix: WATER Lab Sample ID: C4368-08

% Solids: Date Received: 10/28/2011

Concentration Units (ug/L, ug, or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	45.0			MS
7440-36-0	Antimony	0.19	J		MS
7440-38-2	Arsenic	3.1			MS
7440-39-3	Barium	94.4			MS
7440-41-7	Beryllium	1.0	U		MS
7440-43-9	Cadmium	1.0	U		MS
7440-70-2	Calcium	30300			MS
7440-47-3	Chromium	0.44	J		MS
7440-48-4	Cobalt	0.088	J		MS
7440-50-8	Copper	3.8			MS
7439-89-6	Iron	171	J		MS
7439-92-1	Lead	2.1			MS
7439-95-4	Magnesium	8710			MS
7439-96-5	Manganese	48.0			MS
7440-02-0	Nickel	0.52	J		MS
7440-09-7	Potassium	1950			MS
7782-49-2	Selenium	5.0	U		MS
7440-22-4	Silver	1.0	U		MS
7440-23-5	Sodium	15600			MS
7440-28-0	Thallium	1.0	U		MS
7440-62-2	Vanadium	1.1	J		MS
7440-66-6	Zinc	7.2			MS

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

Metals

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH30W7

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: SDG No.: MH30T9

Matrix: WATER Lab Sample ID: C4368-09

% Solids: Date Received: 10/28/2011

Concentration Units (ug/L, ug, or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	37.5			MS
7440-36-0	Antimony	2.0	U		MS
7440-38-2	Arsenic	2.6			MS
7440-39-3	Barium	90.8			MS
7440-41-7	Beryllium	1.0	U		MS
7440-43-9	Cadmium	1.0	U		MS
7440-70-2	Calcium	28600			MS
7440-47-3	Chromium	0.21	J		MS
7440-48-4	Cobalt	0.072	J		MS
7440-50-8	Copper	2.9			MS
7439-89-6	Iron	143	J		MS
7439-92-1	Lead	0.36	J		MS
7439-95-4	Magnesium	8200			MS
7439-96-5	Manganese	24.1			MS
7440-02-0	Nickel	0.46	J		MS
7440-09-7	Potassium	1790			MS
7782-49-2	Selenium	5.0	U		MS
7440-22-4	Silver	1.0	U		MS
7440-23-5	Sodium	7540			MS
7440-28-0	Thallium	1.0	U		MS
7440-62-2	Vanadium	0.82	J		MS
7440-66-6	Zinc	5.4			MS

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

Metals

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH30W8

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: SDG No.: MH30T9

Matrix: WATER Lab Sample ID: C4368-10

% Solids: Date Received: 10/28/2011

Concentration Units (ug/L, ug, or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	65.6			MS
7440-36-0	Antimony	0.18	J		MS
7440-38-2	Arsenic	3.0			MS
7440-39-3	Barium	87.5			MS
7440-41-7	Beryllium	1.0	U		MS
7440-43-9	Cadmium	1.0	U		MS
7440-70-2	Calcium	28000			MS
7440-47-3	Chromium	0.27	J		MS
7440-48-4	Cobalt	0.097	J		MS
7440-50-8	Copper	4.4			MS
7439-89-6	Iron	166	J		MS
7439-92-1	Lead	0.54	J		MS
7439-95-4	Magnesium	8130			MS
7439-96-5	Manganese	27.2			MS
7440-02-0	Nickel	0.43	J		MS
7440-09-7	Potassium	1740			MS
7782-49-2	Selenium	5.0	U		MS
7440-22-4	Silver	1.0	U		MS
7440-23-5	Sodium	8560			MS
7440-28-0	Thallium	1.0	U		MS
7440-62-2	Vanadium	0.89	J		MS
7440-66-6	Zinc	8.8			MS

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

Metals

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH30X0

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: SDG No.: MH30T9

Matrix: WATER Lab Sample ID: C4368-13

% Solids: Date Received: 10/29/2011

Concentration Units (ug/L, ug, or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6.7	J		MS
7440-36-0	Antimony	2.0	U		MS
7440-38-2	Arsenic	1.6			MS
7440-39-3	Barium	293			MS
7440-41-7	Beryllium	1.0	U		MS
7440-43-9	Cadmium	1.0	U		MS
7440-70-2	Calcium	49300			MS
7440-47-3	Chromium	0.78	J		MS
7440-48-4	Cobalt	0.074	J		MS
7440-50-8	Copper	1.5	J		MS
7439-89-6	Iron	138	J		MS
7439-92-1	Lead	0.076	J		MS
7439-95-4	Magnesium	17900			MS
7439-96-5	Manganese	0.39	J		MS
7440-02-0	Nickel	1.0			MS
7440-09-7	Potassium	4950			MS
7782-49-2	Selenium	5.0	U		MS
7440-22-4	Silver	1.0	U		MS
7440-23-5	Sodium	10400			MS
7440-28-0	Thallium	1.0	U		MS
7440-62-2	Vanadium	0.83	J		MS
7440-66-6	Zinc	2.0	J		MS

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

Metals

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH30X1

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: SDG No.: MH30T9

Matrix: WATER Lab Sample ID: C4368-14

% Solids: Date Received: 10/29/2011

Concentration Units (ug/L, ug, or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	7.4	J		MS
7440-36-0	Antimony	2.0	U		MS
7440-38-2	Arsenic	1.0			MS
7440-39-3	Barium	284			MS
7440-41-7	Beryllium	1.0	U		MS
7440-43-9	Cadmium	1.0	U		MS
7440-70-2	Calcium	62000			MS
7440-47-3	Chromium	0.33	J		MS
7440-48-4	Cobalt	0.090	J		MS
7440-50-8	Copper	0.78	J		MS
7439-89-6	Iron	211			MS
7439-92-1	Lead	0.25	J		MS
7439-95-4	Magnesium	19900			MS
7439-96-5	Manganese	7.1			MS
7440-02-0	Nickel	0.62	J		MS
7440-09-7	Potassium	2420			MS
7782-49-2	Selenium	5.0	U		MS
7440-22-4	Silver	1.0	U		MS
7440-23-5	Sodium	11000			MS
7440-28-0	Thallium	1.0	U		MS
7440-62-2	Vanadium	0.90	J		MS
7440-66-6	Zinc	57.6			MS

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

Metals

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH30Y2

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: SDG No.: MH30T9

Matrix: WATER Lab Sample ID: C4368-15

% Solids: Date Received: 10/29/2011

Concentration Units (ug/L, ug, or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	96.9			MS
7440-36-0	Antimony	0.82	J		MS
7440-38-2	Arsenic	35.9			MS
7440-39-3	Barium	110			MS
7440-41-7	Beryllium	1.0	U		MS
7440-43-9	Cadmium	0.23	J		MS
7440-70-2	Calcium	64000			MS
7440-47-3	Chromium	3.5			MS
7440-48-4	Cobalt	0.79	J		MS
7440-50-8	Copper	6.5			MS
7439-89-6	Iron	1070			MS
7439-92-1	Lead	0.85	J		MS
7439-95-4	Magnesium	17100			MS
7439-96-5	Manganese	1750			MS
7440-02-0	Nickel	5.1			MS
7440-09-7	Potassium	13500			MS
7782-49-2	Selenium	5.0	U		MS
7440-22-4	Silver	0.11	J		MS
7440-23-5	Sodium	439000		D	MS
7440-28-0	Thallium	0.14	J		MS
7440-62-2	Vanadium	22.0			MS
7440-66-6	Zinc	12.8			MS

Color Before: BROWN Clarity Before: CLEAR Texture:

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

Metals

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH30Y3

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: SDG No.: MH30T9

Matrix: WATER Lab Sample ID: C4368-16

% Solids: Date Received: 10/29/2011

Concentration Units (ug/L, ug, or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	255			MS
7440-36-0	Antimony	0.60	J		MS
7440-38-2	Arsenic	14.9			MS
7440-39-3	Barium	98.1			MS
7440-41-7	Beryllium	1.0	U		MS
7440-43-9	Cadmium	0.17	J		MS
7440-70-2	Calcium	47500			MS
7440-47-3	Chromium	5.1			MS
7440-48-4	Cobalt	0.44	J		MS
7440-50-8	Copper	2.9			MS
7439-89-6	Iron	789			MS
7439-92-1	Lead	0.61	J		MS
7439-95-4	Magnesium	15200			MS
7439-96-5	Manganese	2820		D	MS
7440-02-0	Nickel	3.6			MS
7440-09-7	Potassium	19600			MS
7782-49-2	Selenium	5.0	U		MS
7440-22-4	Silver	1.0	U		MS
7440-23-5	Sodium	510000		D	MS
7440-28-0	Thallium	1.0	U		MS
7440-62-2	Vanadium	21.7			MS
7440-66-6	Zinc	3.0			MS

Color Before: BROWN Clarity Before: CLEAR Texture:

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

Metals

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH30Y4

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: SDG No.: MH30T9

Matrix: WATER Lab Sample ID: C4368-17

% Solids: Date Received: 10/29/2011

Concentration Units (ug/L, ug, or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	250			MS
7440-36-0	Antimony	0.41	J		MS
7440-38-2	Arsenic	17.6			MS
7440-39-3	Barium	89.5			MS
7440-41-7	Beryllium	1.0	U		MS
7440-43-9	Cadmium	0.15	J		MS
7440-70-2	Calcium	49700			MS
7440-47-3	Chromium	6.6			MS
7440-48-4	Cobalt	0.48	J		MS
7440-50-8	Copper	2.3			MS
7439-89-6	Iron	897			MS
7439-92-1	Lead	0.37	J		MS
7439-95-4	Magnesium	15400			MS
7439-96-5	Manganese	4440		D	MS
7440-02-0	Nickel	5.9			MS
7440-09-7	Potassium	16200			MS
7782-49-2	Selenium	5.0	U		MS
7440-22-4	Silver	1.0	U		MS
7440-23-5	Sodium	469000		D	MS
7440-28-0	Thallium	1.0	U		MS
7440-62-2	Vanadium	25.1			MS
7440-66-6	Zinc	5.0			MS

Color Before: BROWN Clarity Before: CLEAR Texture:

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

Metals

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH30Y5

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: SDG No.: MH30T9

Matrix: WATER Lab Sample ID: C4368-18

% Solids: Date Received: 10/29/2011

Concentration Units (ug/L, ug, or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	324			MS
7440-36-0	Antimony	0.75	J		MS
7440-38-2	Arsenic	48.4			MS
7440-39-3	Barium	91.5			MS
7440-41-7	Beryllium	1.0	U		MS
7440-43-9	Cadmium	1.0	U		MS
7440-70-2	Calcium	48600			MS
7440-47-3	Chromium	4.7			MS
7440-48-4	Cobalt	0.52	J		MS
7440-50-8	Copper	3.0			MS
7439-89-6	Iron	2080			MS
7439-92-1	Lead	0.96	J		MS
7439-95-4	Magnesium	14700			MS
7439-96-5	Manganese	3550		D	MS
7440-02-0	Nickel	4.5			MS
7440-09-7	Potassium	22200			MS
7782-49-2	Selenium	5.0	U		MS
7440-22-4	Silver	1.0	U		MS
7440-23-5	Sodium	519000		D	MS
7440-28-0	Thallium	1.0	U		MS
7440-62-2	Vanadium	29.9			MS
7440-66-6	Zinc	7.3			MS

Color Before: BROWN Clarity Before: CLEAR Texture:

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

Metals

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH30Y6

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: SDG No.: MH30T9

Matrix: WATER Lab Sample ID: C4368-19

% Solids: Date Received: 10/29/2011

Concentration Units (ug/L, ug, or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1010			MS
7440-36-0	Antimony	0.59	J		MS
7440-38-2	Arsenic	11.4			MS
7440-39-3	Barium	102			MS
7440-41-7	Beryllium	0.11	J		MS
7440-43-9	Cadmium	1.0	U		MS
7440-70-2	Calcium	30500			MS
7440-47-3	Chromium	5.8			MS
7440-48-4	Cobalt	0.54	J		MS
7440-50-8	Copper	7.3			MS
7439-89-6	Iron	635			MS
7439-92-1	Lead	1.8			MS
7439-95-4	Magnesium	8370			MS
7439-96-5	Manganese	935			MS
7440-02-0	Nickel	2.3			MS
7440-09-7	Potassium	18400			MS
7782-49-2	Selenium	5.0	U		MS
7440-22-4	Silver	1.0	U		MS
7440-23-5	Sodium	346000		D	MS
7440-28-0	Thallium	1.0	U		MS
7440-62-2	Vanadium	33.0			MS
7440-66-6	Zinc	6.6			MS

Color Before: BROWN Clarity Before: CLEAR Texture:

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

Metals

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MH30Z6

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: SDG No.: MH30T9

Matrix: WATER Lab Sample ID: C4368-20

% Solids: Date Received: 10/29/2011

Concentration Units (ug/L, ug, or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	9.1	J		MS
7440-36-0	Antimony	0.25	J		MS
7440-38-2	Arsenic	2.2			MS
7440-39-3	Barium	156			MS
7440-41-7	Beryllium	1.0	U		MS
7440-43-9	Cadmium	1.0	U		MS
7440-70-2	Calcium	132000		D	MS
7440-47-3	Chromium	0.29	J		MS
7440-48-4	Cobalt	0.36	J		MS
7440-50-8	Copper	1.7	J		MS
7439-89-6	Iron	356			MS
7439-92-1	Lead	0.24	J		MS
7439-95-4	Magnesium	53800			MS
7439-96-5	Manganese	1.0			MS
7440-02-0	Nickel	1.9			MS
7440-09-7	Potassium	3860			MS
7782-49-2	Selenium	0.70	J		MS
7440-22-4	Silver	1.0	U		MS
7440-23-5	Sodium	160000		D	MS
7440-28-0	Thallium	1.0	U		MS
7440-62-2	Vanadium	1.8	J		MS
7440-66-6	Zinc	18.6			MS

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

Metals

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: SDG No.: MH30T9

Initial Calibration Verification Source: EPA-0307

Continuing Calibration Verification Source: MP9103

Concentration Units: ug/L

	Initial Calibration Verification			Continuing Calibration Verification					M
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum	504.0	550.70	109	10000.0	10140.00	101	10220.00	102	MS
Antimony	199.0	199.30	100	500.0	502.40	100	502.80	101	MS
Arsenic	200.0	199.70	100	500.0	501.20	100	500.80	100	MS
Barium	99.0	101.10	102	2500.0	2431.00	97	2421.00	97	MS
Beryllium	99.0	99.32	100	500.0	498.60	100	498.30	100	MS
Cadmium	99.0	103.10	104	500.0	508.50	102	504.80	101	MS
Calcium	2005.0	2035.00	101	50000.0	49280.00	99	49390.00	99	MS
Chromium	98.0	103.00	105	500.0	503.00	101	503.40	101	MS
Cobalt	100.0	103.50	104	500.0	504.80	101	508.40	102	MS
Copper	98.0	107.30	109	1000.0	1016.00	102	1016.00	102	MS
Iron	1016.0	1056.00	104	25000.0	25580.00	102	25530.00	102	MS
Lead	200.0	206.50	103	500.0	505.00	101	499.60	100	MS
Magnesium	1215.0	1265.00	104	50000.0	50970.00	102	51300.00	103	MS
Manganese	100.0	103.90	104	1000.0	1028.00	103	1029.00	103	MS
Nickel	101.0	106.20	105	500.0	505.90	101	505.40	101	MS
Potassium	2004.0	2150.00	107	25000.0	25940.00	104	26090.00	104	MS
Selenium	206.0	198.30	96	500.0	499.10	100	500.40	100	MS
Silver	100.0	95.55	96	500.0	507.30	101	503.30	101	MS
Sodium	2019.0	2147.00	106	50000.0	51900.00	104	51870.00	104	MS
Thallium	206.0	207.50	101	500.0	516.50	103	515.50	103	MS
Vanadium	100.0	101.00	101	500.0	501.40	100	502.60	101	MS
Zinc	205.0	210.00	102	1000.0	1019.00	102	1022.00	102	MS

(1) Control Limits: Mercury 85-115; Other Metals 90-110; Cyanide 85-115

Metals

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: SDG No.: MH30T9

Initial Calibration Verification Source: EPA-0307

Continuing Calibration Verification Source: MP9103

Concentration Units: ug/L

	Initial Calibration Verification			Continuing Calibration Verification					M
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum				10000.0	10090.00	101	10510.00	105	MS
Antimony				500.0	485.40	97	497.20	99	MS
Arsenic				500.0	487.20	97	495.70	99	MS
Barium				2500.0	2384.00	95	2407.00	96	MS
Beryllium				500.0	487.10	97	498.40	100	MS
Cadmium				500.0	490.40	98	499.90	100	MS
Calcium				50000.0	48030.00	96	49140.00	98	MS
Chromium				500.0	491.40	98	500.30	100	MS
Cobalt				500.0	494.90	99	503.80	101	MS
Copper				1000.0	992.70	99	1008.00	101	MS
Iron				25000.0	24810.00	99	25410.00	102	MS
Lead				500.0	490.80	98	500.10	100	MS
Magnesium				50000.0	50300.00	101	52350.00	105	MS
Manganese				1000.0	1010.00	101	1033.00	103	MS
Nickel				500.0	492.90	99	506.10	101	MS
Potassium				25000.0	25370.00	101	26370.00	105	MS
Selenium				500.0	490.70	98	498.40	100	MS
Silver				500.0	494.20	99	502.40	100	MS
Sodium				50000.0	50130.00	100	52710.00	105	MS
Thallium				500.0	506.40	101	522.20	104	MS
Vanadium				500.0	494.00	99	500.10	100	MS
Zinc				1000.0	982.10	98	1004.00	100	MS

(1) Control Limits: Mercury 85-115; Other Metals 90-110; Cyanide 85-115

Metals

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: SDG No.: MH30T9

Initial Calibration Verification Source: EPA-0307

Continuing Calibration Verification Source: MP9103

Concentration Units: ug/L

	Initial Calibration Verification			Continuing Calibration Verification					M
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum				10000.0	10480.00	105	10530.00	105	MS
Antimony				500.0	491.30	98	490.80	98	MS
Arsenic				500.0	491.50	98	492.00	98	MS
Barium				2500.0	2401.00	96	2428.00	97	MS
Beryllium				500.0	497.10	99	495.40	99	MS
Cadmium				500.0	495.30	99	493.10	99	MS
Calcium				50000.0	48300.00	97	48540.00	97	MS
Chromium				500.0	495.40	99	493.40	99	MS
Cobalt				500.0	498.80	100	496.00	99	MS
Copper				1000.0	999.90	100	1003.00	100	MS
Iron				25000.0	25040.00	100	25040.00	100	MS
Lead				500.0	496.10	99	497.70	100	MS
Magnesium				50000.0	52570.00	105	52840.00	106	MS
Manganese				1000.0	1041.00	104	1045.00	104	MS
Nickel				500.0	502.00	100	497.90	100	MS
Potassium				25000.0	26430.00	106	26400.00	106	MS
Selenium				500.0	488.70	98	493.00	99	MS
Silver				500.0	496.80	99	498.70	100	MS
Sodium				50000.0	52680.00	105	52750.00	106	MS
Thallium				500.0	520.10	104	523.70	105	MS
Vanadium				500.0	495.30	99	496.80	99	MS
Zinc				1000.0	983.50	98	988.00	99	MS

(1) Control Limits: Mercury 85-115; Other Metals 90-110; Cyanide 85-115

Metals

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: SDG No.: MH30T9

Initial Calibration Verification Source: EPA-0307

Continuing Calibration Verification Source: MP9103

Concentration Units: ug/L

	Initial Calibration Verification			Continuing Calibration Verification					M
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum				10000.0	10660.00	107	10730.00	107	MS
Antimony				500.0	497.20	99	501.50	100	MS
Arsenic				500.0	494.80	99	496.40	99	MS
Barium				2500.0	2409.00	96	2420.00	97	MS
Beryllium				500.0	496.50	99	503.20	101	MS
Cadmium				500.0	500.20	100	503.70	101	MS
Calcium				50000.0	49480.00	99	49080.00	98	MS
Chromium				500.0	500.30	100	502.00	100	MS
Cobalt				500.0	505.10	101	507.40	101	MS
Copper				1000.0	1005.00	100	1016.00	102	MS
Iron				25000.0	25500.00	102	25750.00	103	MS
Lead				500.0	497.40	99	501.70	100	MS
Magnesium				50000.0	54890.00	110	54900.00	110	MS
Manganese				1000.0	1070.00	107	1032.00	103	MS
Nickel				500.0	502.50	100	507.60	102	MS
Potassium				25000.0	27410.00	110	27500.00	110	MS
Selenium				500.0	493.80	99	488.80	98	MS
Silver				500.0	503.40	101	503.30	101	MS
Thallium				500.0	530.50	106	533.60	107	MS
Vanadium				500.0	499.00	100	500.30	100	MS
Zinc				1000.0	1000.00	100	1019.00	102	MS

(1) Control Limits: Mercury 85-115; Other Metals 90-110; Cyanide 85-115

Metals

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: SDG No.: MH30T9

Initial Calibration Verification Source: EPA-0307

Continuing Calibration Verification Source: MP9103

Concentration Units: ug/L

	Initial Calibration Verification			Continuing Calibration Verification					M
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum				10000.0	10640.00	106	10750.00	108	MS
Antimony				500.0	494.40	99	489.30	98	MS
Arsenic				500.0	489.70	98	488.10	98	MS
Barium				2500.0	2382.00	95	2370.00	95	MS
Beryllium				500.0	503.90	101	510.40	102	MS
Cadmium				500.0	499.20	100	493.80	99	MS
Calcium				50000.0	48510.00	97	48360.00	97	MS
Chromium				500.0	497.70	100	500.60	100	MS
Cobalt				500.0	501.20	100	504.60	101	MS
Copper				1000.0	1009.00	101	1007.00	101	MS
Iron				25000.0	25540.00	102	25560.00	102	MS
Lead				500.0	497.60	100	496.40	99	MS
Magnesium				50000.0	54270.00	109	54520.00	109	MS
Manganese				1000.0	1004.00	100	999.60	100	MS
Nickel				500.0	502.30	100	503.30	101	MS
Potassium				25000.0	27380.00	110	27190.00	109	MS
Selenium				500.0	486.90	97	484.80	97	MS
Silver				500.0	497.90	100	489.00	98	MS
Thallium				500.0	529.20	106	530.50	106	MS
Vanadium				500.0	494.10	99	493.00	99	MS
Zinc				1000.0	1013.00	101	1008.00	101	MS

(1) Control Limits: Mercury 85-115; Other Metals 90-110; Cyanide 85-115

Metals

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: SDG No.: MH30T9

Initial Calibration Verification Source: EPA-0307

Continuing Calibration Verification Source: MP9103

Concentration Units: ug/L

	Initial Calibration Verification			Continuing Calibration Verification					M
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum				10000.0			10580.00	106	MS
Antimony				500.0	494.10	99	482.50	96	MS
Arsenic				500.0	496.50	99	479.30	96	MS
Barium				2500.0	2397.00	96	2330.00	93	MS
Beryllium				500.0	524.90	105	496.10	99	MS
Cadmium				500.0	503.10	101	490.80	98	MS
Calcium				50000.0	49100.00	98	47210.00	94	MS
Chromium				500.0	505.80	101	485.50	97	MS
Cobalt				500.0	510.40	102	492.00	98	MS
Copper				1000.0	1025.00	102	959.10	96	MS
Iron				25000.0	25760.00	103	24790.00	99	MS
Lead				500.0	503.80	101	484.80	97	MS
Magnesium				50000.0			53340.00	107	MS
Manganese				1000.0	1013.00	101	947.90	95	MS
Nickel				500.0	509.70	102	493.10	99	MS
Potassium				25000.0	27440.00	110	26740.00	107	MS
Selenium				500.0	497.00	99	484.20	97	MS
Silver				500.0	501.70	100	484.20	97	MS
Sodium				50000.0			53500.00	107	MS
Thallium				500.0	541.90	108	523.80	105	MS
Vanadium				500.0	506.20	101	482.90	97	MS
Zinc				1000.0	1016.00	102	955.60	96	MS

(1) Control Limits: Mercury 85-115; Other Metals 90-110; Cyanide 85-115

Metals

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: SDG No.: MH30T9

Initial Calibration Verification Source: EPA-0307

Continuing Calibration Verification Source: MP9103

Concentration Units: ug/L

	Initial Calibration Verification			Continuing Calibration Verification					M
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum				10000.0	10850.00	108	10690.00	107	MS
Antimony				500.0	487.10	97	479.50	96	MS
Arsenic				500.0	480.90	96	478.60	96	MS
Barium				2500.0	2351.00	94	2322.00	93	MS
Beryllium				500.0	511.10	102	497.80	100	MS
Cadmium				500.0	495.10	99	489.90	98	MS
Calcium				50000.0	48180.00	96	47940.00	96	MS
Chromium				500.0	492.00	98	487.70	98	MS
Cobalt				500.0	494.20	99	491.80	98	MS
Copper				1000.0	956.90	96	957.90	96	MS
Iron				25000.0	25060.00	100	24740.00	99	MS
Lead				500.0	493.80	99	488.30	98	MS
Magnesium				50000.0	54880.00	110	53790.00	108	MS
Manganese				1000.0	953.80	95	946.50	95	MS
Nickel				500.0	494.50	99	490.10	98	MS
Potassium				25000.0	27110.00	108	26990.00	108	MS
Selenium				500.0	486.80	97	482.50	96	MS
Silver				500.0	489.30	98	481.70	96	MS
Sodium				50000.0	54890.00	110	53560.00	107	MS
Thallium				500.0	536.50	107	529.10	106	MS
Vanadium				500.0	488.40	98	485.40	97	MS
Zinc				1000.0	960.20	96	949.90	95	MS

(1) Control Limits: Mercury 85-115; Other Metals 90-110; Cyanide 85-115

Metals

3-IN
BLANKS

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: _____ SDG No.: MH30T9

Preparation Blank Matrix (soil/water/wipe/filter): WATER

Preparation Blank Concentration Units (ug/L, ug, or mg/kg): UG/L

Analyte	Initial Calibration Blank(ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		
		C	1	C	2	C	3	C		C	M
Aluminum	2.646	J	3.168	J	20.000	U	20.000	U	1.494	J	MS
Antimony	0.980	J	0.708	J	0.625	J	0.662	J	2.000	U	MS
Arsenic	0.226	J	1.000	U	1.000	U	1.000	U	1.000	U	MS
Barium	0.459	J	10.000	U	10.000	U	10.000	U	10.000	U	MS
Beryllium	0.100	J	-0.096	J	-0.125	J	-0.183	J	-0.125	J	MS
Cadmium	0.190	J	1.000	U	1.000	U	1.000	U	1.000	U	MS
Calcium	500.000	U	10.150	J	500.000	U	500.000	U	500.000	U	MS
Chromium	0.095	J	2.000	U	2.000	U	2.000	U	2.000	U	MS
Cobalt	0.160	J	1.000	U	1.000	U	1.000	U	1.000	U	MS
Copper	0.250	J	0.117	J	2.000	U	2.000	U	2.000	U	MS
Iron	7.861	J	200.000	U	6.901	J	8.346	J	200.000	U	MS
Lead	0.224	J	0.061	J	1.000	U	0.053	J	1.000	U	MS
Magnesium	9.500	J	7.801	J	500.000	U	500.000	U	500.000	U	MS
Manganese	0.230	J	1.000	U	1.000	U	1.000	U	1.000	U	MS
Nickel	1.000	U	1.000	U	1.000	U	1.000	U	1.000	U	MS
Potassium	15.950	J	45.100	J	37.110	J	17.760	J	43.850	J	MS
Selenium	5.000	U	5.000	U	5.000	U	5.000	U	5.000	U	MS
Silver	0.152	J	1.000	U	1.000	U	1.000	U	1.000	U	MS
Sodium	7.058	J	9.818	J	-8.428	J	-27.690	J	500.000	U	MS
Thallium	0.245	J	1.000	U	1.000	U	1.000	U	1.000	U	MS
Vanadium	0.120	J	5.000	U	5.000	U	0.142	J	5.000	U	MS
Zinc	0.402	J	2.000	U	2.000	U	2.000	U	2.000	U	MS

Metals

3-IN
BLANKS

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: _____ SDG No.: MH30T9

Preparation Blank Matrix (soil/water/wipe/filter): _____

Preparation Blank Concentration Units (ug/L, ug, or mg/kg): _____

Analyte	Initial Calibration Blank(ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			2.056	J	20.000	U	20.000	U			MS
Antimony			0.711	J	0.614	J	0.656	J			MS
Arsenic			1.000	U	1.000	U	1.000	U			MS
Barium			0.458	J	10.000	U	10.000	U			MS
Beryllium			-0.139	J	-0.130	J	-0.187	J			MS
Cadmium			1.000	U	1.000	U	1.000	U			MS
Calcium			33.350	J	500.000	U	-7.622	J			MS
Chromium			0.145	J	2.000	U	2.000	U			MS
Cobalt			0.100	J	1.000	U	1.000	U			MS
Copper			0.157	J	2.000	U	2.000	U			MS
Iron			7.576	J	6.802	J	8.335	J			MS
Lead			0.107	J	1.000	U	0.058	J			MS
Magnesium			10.910	J	500.000	U	500.000	U			MS
Manganese			0.256	J	1.000	U	1.000	U			MS
Nickel			1.000	U	1.000	U	1.000	U			MS
Potassium			64.110	J	32.080	J	24.670	J			MS
Selenium			5.000	U	5.000	U	5.000	U			MS
Silver			0.113	J	1.000	U	0.071	J			MS
Sodium			19.120	J	-17.990	J	-12.710	J			MS
Thallium			0.114	J	1.000	U	1.000	U			MS
Vanadium			5.000	U	-0.121	J	5.000	U			MS
Zinc			0.298	J	2.000	U	2.000	U			MS

Metals

3-IN
BLANKS

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: _____ SDG No.: MH30T9

Preparation Blank Matrix (soil/water/wipe/filter): _____

Preparation Blank Concentration Units (ug/L, ug, or mg/kg): _____

Analyte	Initial Calibration Blank(ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			20.000	U	20.000	U	20.000	U			MS
Antimony			0.676	J	0.613	J	0.654	J			MS
Arsenic			1.000	U	0.270	J	0.159	J			MS
Barium			10.000	U	10.000	U	10.000	U			MS
Beryllium			-0.218	J	-0.119	J	-0.138	J			MS
Cadmium			1.000	U	1.000	U	1.000	U			MS
Calcium			500.000	U	500.000	U	500.000	U			MS
Chromium			2.000	U	0.138	J	0.220	J			MS
Cobalt			1.000	U	1.000	U	1.000	U			MS
Copper			2.000	U	2.000	U	2.000	U			MS
Iron			200.000	U	200.000	U	200.000	U			MS
Lead			1.000	U	1.000	U	1.000	U			MS
Magnesium			500.000	U	500.000	U	500.000	U			MS
Manganese			1.000	U	1.000	U	1.000	U			MS
Nickel			1.000	U	1.000	U	1.000	U			MS
Potassium			43.330	J	59.570	J	60.590	J			MS
Selenium			5.000	U	5.000	U	5.000	U			MS
Silver			1.000	U	1.000	U	1.000	U			MS
Thallium			1.000	U	1.000	U	0.126	J			MS
Vanadium			-0.315	J	5.000	U	-0.347	J			MS
Zinc			2.000	U	2.000	U	2.000	U			MS

Metals

3-IN
BLANKS

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: _____ SDG No.: MH30T9

Preparation Blank Matrix (soil/water/wipe/filter): _____

Preparation Blank Concentration Units (ug/L, ug, or mg/kg): _____

Analyte	Initial Calibration Blank(ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			2.887	J			3.787	J			MS
Antimony			0.751	J	0.743	J	0.824	J			MS
Arsenic			1.000	U	1.000	U	1.000	U			MS
Barium			0.713	J	0.652	J	1.076	J			MS
Beryllium			1.000	U	1.000	U	1.000	U			MS
Cadmium			0.145	J	0.119	J	0.196	J			MS
Calcium			9.067	J	500.000	U	500.000	U			MS
Chromium			0.737	J	0.448	J	0.380	J			MS
Cobalt			0.147	J	0.144	J	0.202	J			MS
Copper			0.260	J	0.260	J	0.428	J			MS
Iron			200.000	U	6.706	J	24.260	J			MS
Lead			0.156	J	0.152	J	0.229	J			MS
Magnesium			15.760	J			22.530	J			MS
Manganese			0.382	J	0.433	J	0.423	J			MS
Nickel			0.255	J	0.219	J	0.270	J			MS
Potassium			84.050	J	70.980	J	54.480	J			MS
Selenium			5.000	U	5.000	U	5.000	U			MS
Silver			0.203	J	0.127	J	0.273	J			MS
Sodium							134.300	J			MS
Thallium			0.232	J	0.335	J	0.339	J			MS
Vanadium			-0.732	J	-0.367	J	-0.413	J			MS
Zinc			0.341	J	0.278	J	0.456	J			MS

Metals

3-IN
BLANKS

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: _____ SDG No.: MH30T9

Preparation Blank Matrix (soil/water/wipe/filter): _____

Preparation Blank Concentration Units (ug/L, ug, or mg/kg): _____

Analyte	Initial Calibration Blank(ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			3.983	J	4.143	J					MS
Antimony			0.758	J	0.781	J					MS
Arsenic			0.188	J	1.000	U					MS
Barium			0.985	J	1.178	J					MS
Beryllium			1.000	U	1.000	U					MS
Cadmium			0.214	J	0.231	J					MS
Calcium			500.000	U	500.000	U					MS
Chromium			0.368	J	0.387	J					MS
Cobalt			0.200	J	0.248	J					MS
Copper			0.430	J	0.523	J					MS
Iron			16.850	J	22.870	J					MS
Lead			0.216	J	0.250	J					MS
Magnesium			21.230	J	24.450	J					MS
Manganese			0.443	J	0.448	J					MS
Nickel			0.330	J	0.218	J					MS
Potassium			52.150	J	35.040	J					MS
Selenium			5.000	U	5.000	U					MS
Silver			0.199	J	0.252	J					MS
Sodium			153.600	J	142.400	J					MS
Thallium			0.243	J	0.322	J					MS
Vanadium			0.306	J	-0.287	J					MS
Zinc			0.365	J	0.465	J					MS

Metals

4B-IN

ICP-MS INTERFERENCE CHECK SAMPLE

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: SDG No.: MH30T9

ICP-MS Instrument ID: P6 ICS Source: MS8055

Concentration Units: ug/L

Analyte	True Sol.A	True Sol.AB	Found Sol.A	Found %R	Found Sol. AB	Found %R
Antimony	1.5	22.0	1.5	100	21.7	99
Arsenic	0.1	19.0	0.63	630	20.3	107
Barium	1.2	22.0	1.4	117	21.6	98
Beryllium	0.0	19.0	0.27	0	20.7	109
Cadmium	0.7	20.0	0.79	113	21.6	108
Chromium	21.0	40.0	21.1	100	41.5	104
Cobalt	1.0	20.0	1.3	130	21.5	108
Copper	8.0	25.0	8.7	109	28.9	116
Lead	4.0	25.0	4.5	112	24.9	100
Manganese	7.0	27.0	8.1	116	28.7	106
Nickel	6.0	24.0	6.2	103	26.7	111
Selenium	0.3	19.0	-0.17	-57	20.5	108
Silver	0.0	18.0	0.065	0	19.9	111
Thallium	0.0	21.0	0.093	0	20.5	98
Vanadium	0.5	19.0	-0.86	-172	19.8	104
Zinc	11.0	29.0	12.7	115	33.6	116

Metals

4B-IN

ICP-MS INTERFERENCE CHECK SAMPLE

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: SDG No.: MH30T9

ICP-MS Instrument ID: P6 ICS Source: MS8055

Concentration Units: ug/L

Analyte	True Sol.A	True Sol.AB	Found Sol.A	Found %R	Found Sol. AB	Found %R
Aluminum	100000.0	100000.0	103000	103	100000	100
Calcium	100000.0	100000.0	102000	102	99100	99
Iron	100000.0	100000.0	103000	103	99500	100
Magnesium	100000.0	100000.0	105000	105	103000	103
Potassium	100000.0	100000.0	107000	107	104000	104
Sodium	100000.0	100000.0	108000	108	105000	105

Metals

5A-IN

MATRIX SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

MH30W8S

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: SDG No.: MH30T9

Matrix: WATER

% Solids for Sample:

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Antimony	75 - 125	100.4000		0.1770	J	100.00	100		MS
Arsenic	75 - 125	44.6700		2.9600		40.00	104		MS
Barium	75 - 125	1976.0000		87.4900		2000.00	94		MS
Beryllium	75 - 125	52.4600		1.0000	U	50.00	105		MS
Cadmium	75 - 125	51.5700		1.0000	U	50.00	103		MS
Chromium	75 - 125	200.8000		0.2720	J	200.00	100		MS
Cobalt	75 - 125	507.8000		0.0970	J	500.00	102		MS
Copper	75 - 125	261.7000		4.3740		250.00	103		MS
Lead	75 - 125	20.5300		0.5400	J	20.00	100		MS
Manganese	75 - 125	519.3000		27.1800		500.00	98		MS
Nickel	75 - 125	512.8000		0.4320	J	500.00	102		MS
Selenium	75 - 125	111.4000		5.0000	U	100.00	111		MS
Silver	75 - 125	48.3800		1.0000	U	50.00	97		MS
Thallium	75 - 125	49.6000		1.0000	U	50.00	99		MS
Vanadium	75 - 125	497.8000		0.8860	J	500.00	99		MS
Zinc	75 - 125	527.7000		8.7630		500.00	104		MS

Comments:

5B-IN

POST-DIGESTION SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

Lab Name: _____ Contract: _____

Lab Code: _____ Case No.: _____ Mod. Ref. No.: _____ SDG No.: _____

Matrix: _____

Concentration Units: (ug/L or mg/Kg dry weight):

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M

Comments:

Form VB-IN

Metals

6-IN

DUPLICATES

EPA SAMPLE NO.

MH30W8D

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: _____ SDG No.: MH30T9

Matrix: WATER

% Solids for Sample: _____

Concentration Units:(ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum	20.0000	65.5800		62.5400		5		MS
Antimony		0.1770	J	0.2020	J	13		MS
Arsenic	1.0000	2.9600		2.9180		1		MS
Barium		87.4900		89.5500		2		MS
Beryllium		1.0000	U	1.0000	U			MS
Cadmium		1.0000	U	1.0000	U			MS
Calcium		27980.0000		28420.0000		2		MS
Chromium		0.2720	J	0.2980	J	9		MS
Cobalt		0.0970	J	0.0920	J	5		MS
Copper	2.0000	4.3740		4.3800		0		MS
Iron		165.5000	J	168.1000	J	2		MS
Lead		0.5400	J	0.5620	J	4		MS
Magnesium		8126.0000		8251.0000		2		MS
Manganese		27.1800		27.7700		2		MS
Nickel		0.4320	J	0.4550	J	5		MS
Potassium	500.0000	1737.0000		1776.0000		2		MS
Selenium		5.0000	U	5.0000	U			MS
Silver		1.0000	U	1.0000	U			MS
Sodium		8563.0000		8723.0000		2		MS
Thallium		1.0000	U	1.0000	U			MS
Vanadium		0.8860	J	0.9170	J	3		MS
Zinc	2.0000	8.7630		9.1820		5		MS

7 - IN

LABORATORY CONTROL SAMPLE

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: SDG No.: MH30T9

Analyte	Aqueous/Water (ug/L), Soil Sediment (mg/Kg), Wipe/Filter (ug)		
	True	Found	%R
Aluminum	40.00	41.67	104
Antimony	4.00	3.91	98
Arsenic	2.00	1.98	99
Barium	20.00	18.43	92
Beryllium	2.00	1.72	86
Cadmium	2.00	1.98	99
Calcium	1000.00	949.20	95
Chromium	4.00	4.16	104
Cobalt	2.00	2.00	100
Copper	4.00	4.08	102
Iron	400.00	395.70	99
Lead	2.00	1.95	98
Magnesium	1000.00	977.50	98
Manganese	2.00	2.05	102
Nickel	2.00	2.15	108
Potassium	1000.00	1028.00	103
Selenium	10.00	9.35	94
Silver	2.00	2.01	100
Sodium	1000.00	985.20	99
Thallium	2.00	1.93	96
Vanadium	10.00	9.25	92
Zinc	4.00	4.20	105

8-IN

ICP-AES and ICP-MS SERIAL DILUTIONS

EPA SAMPLE NO.

MH30W8L

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: SDG No.: MH30T9

Matrix: WATER

Concentration Units (ug/L or mg/kg dry weight): ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	65.58		62.25	J	5		MS
Antimony	0.18	J	10.00	U	100		MS
Arsenic	2.96		2.85	J	4		MS
Barium	87.49		88.70		1		MS
Beryllium	1.00	U	5.00	U			MS
Cadmium	1.00	U	5.00	U			MS
Calcium	27980.00		28365.00		1		MS
Chromium	0.27	J	0.40	J	48		MS
Cobalt	0.10	J	5.00	U	100		MS
Copper	4.37		4.06	J	7		MS
Iron	165.50	J	181.30	J	10		MS
Lead	0.54	J	0.72	J	33		MS
Magnesium	8126.00		7990.00		2		MS
Manganese	27.18		27.80		2		MS
Nickel	0.43	J	5.00	U	100		MS
Potassium	1737.00		1755.50	J	1		MS
Selenium	5.00	U	25.00	U			MS
Silver	1.00	U	5.00	U			MS
Sodium	8563.00		8680.00		1		MS
Thallium	1.00	U	5.00	U			MS
Vanadium	0.89	J	0.93	J	4		MS
Zinc	8.76		9.24	J	5		MS

Metals

9-IN
METHOD DETECTION LIMITS (MDL) (ANNUALLY)

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: _____ SDG No.: MH30T9

Instrument Type: MS Instrument ID: P6 Date: 01/11/2011

Preparation Method: 200.8

Concentration Units (ug/L, mg/kg, or ug): UG/L

Analyte	Wavelength/Mass	MDL
Aluminum	27.00	1.2
Antimony	121.00	0.17
Arsenic	75.00	0.14
Barium	137.00	0.29
Beryllium	9.00	0.061
Cadmium	111.00	0.11
Calcium	44.00	6.3
Chromium	52.00	0.078
Cobalt	59.00	0.054
Copper	63.00	0.097
Iron	57.00	6.6
Lead	208.00	0.051
Magnesium	24.00	5.5
Manganese	55.00	0.15
Nickel	60.00	0.15
Potassium	39.00	8.0
Selenium	82.00	0.63
Silver	107.00	0.070
Sodium	23.00	5.7
Thallium	205.00	0.074
Vanadium	51.00	0.11
Zinc	66.00	0.24

Comments: _____

Metals

11-IN
INTERNAL STANDARD ASSOCIATION

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: _____ SDG No.: MH30T9

ICP-MS Instrument ID: P6 Date: 11/08/11

Analyte	Assoc. Internal Standard 1	Assoc. Internal Standard 2
Aluminum	6Li	45Sc
Antimony	103Rh	159Tb
Arsenic	45Sc	103Rh
Barium	103Rh	159Tb
Beryllium	6Li	45Sc
Cadmium	103Rh	159Tb
Calcium	6Li	45Sc
Chromium	45Sc	103Rh
Cobalt	45Sc	103Rh
Copper	45Sc	103Rh
Iron	45Sc	103Rh
Lead	165Ho	209Bi
Magnesium	6Li	45Sc
Manganese	45Sc	103Rh
Nickel	45Sc	103Rh
Potassium	6Li	45Sc
Selenium	45Sc	103Rh
Silver	103Rh	159Tb
Sodium	6Li	45Sc
Thallium	165Ho	209Bi
Vanadium	45Sc	103Rh
Zinc	45Sc	103Rh

Metals

12-IN

PREPARATION LOG

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: SDG No.: MH30T9

Preparation Method: 200.8

EPA Sample No.	Preparation Date	Initial Weight/Volume (g) or (mL)	Final Volume (mL)
PBW01	11/03/2011	50.00	50
LCS01	11/03/2011	50.00	50
MH30T9	11/03/2011	50.00	50
MH30W0	11/03/2011	50.00	50
MH30W1	11/03/2011	50.00	50
MH30W2	11/03/2011	50.00	50
MH30W3	11/03/2011	50.00	50
MH30W4	11/03/2011	50.00	50
MH30W5	11/03/2011	50.00	50
MH30W6	11/03/2011	50.00	50
MH30W7	11/03/2011	50.00	50
MH30X0	11/03/2011	50.00	50
MH30X1	11/03/2011	50.00	50
MH30W8	11/03/2011	50.00	50
MH30W8D	11/03/2011	50.00	50
MH30Y2	11/03/2011	50.00	50
MH30Y3	11/03/2011	50.00	50
MH30Y4	11/03/2011	50.00	50
MH30Y5	11/03/2011	50.00	50
MH30Y6	11/03/2011	50.00	50
MH30Z6	11/03/2011	50.00	50
MH30W8S	11/03/2011	50.00	50

Metals

13-IN

ANALYSIS RUN LOG

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: SDG No.: MH30T9

Instrument ID: P6 Analysis Method: MS

Start Date: 11/08/2011 End Date: 11/09/2011

EPA Sample NO.	D/F	Time	Analytes																									
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN		
TUNE	1.0	1748					X				X			X	X													
S0	1.0	1808	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
S	1.0	1816	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
S	1.0	1824	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
S	1.0	1832	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
S	1.0	1840	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
S	1.0	1848	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ICV05	1.0	1856	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ICB05	1.0	1903	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ICSA05	1.0	1911		X	X	X	X	X		X	X	X		X		X		X		X	X		X	X	X			
ICSAB05	1.0	1919		X	X	X	X	X		X	X	X		X		X		X		X	X		X	X	X			
ICSA05	10	1927	X						X				X		X				X			X						
ICSAB05	10	1935	X						X				X		X				X			X						
CCV76	1.0	1943	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCB76	1.0	1951	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ZZZZZZ	1.0	1959																										
ZZZZZZ	1.0	2007																										
PBW01	1.0	2015	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ZZZZZZ	1.0	2023																										
LCS01	1.0	2030	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ZZZZZZ	1.0	2038																										
MH30T9	1.0	2046	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH30W0	1.0	2054	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH30W1	1.0	2102	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH30W2	1.0	2110	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCV77	1.0	2118	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCB77	1.0	2126	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH30W3	1.0	2134	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH30W4	1.0	2142	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH30W5	1.0	2149	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH30W6	1.0	2157	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH30W7	1.0	2205	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH30X0	1.0	2213	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH30X1	1.0	2221	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH30W8	1.0	2229	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH30W8D	1.0	2237	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH30W8L	5.0	2245	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			

Metals

13-IN

ANALYSIS RUN LOG

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: SDG No.: MH30T9

Instrument ID: P6 Analysis Method: MS

Start Date: 11/08/2011 End Date: 11/09/2011

EPA Sample NO.	D/F	Time	Analytes																								
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN		
CCV78	1.0	2253	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCB78	1.0	2301	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH30Y2	1.0	2316	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X			
MH30Y3	1.0	2324	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X		X	X	X			
MH30Y4	1.0	2332	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X		X	X	X			
MH30Y5	1.0	2340	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X		X	X	X			
MH30Y6	1.0	2348	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X			
MH30Y2	25	2356																				X						
MH30Y3	25	0004														X						X						
MH30Y4	25	0012														X						X						
MH30Y5	25	0020														X						X						
CCV79	1.0	0028	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCB79	1.0	0036	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH30Z6	1.0	0044	X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X		X	X	X			
MH30Y6	25	0051																				X						
ZZZZZZ	1.0	0059																										
ZZZZZZ	1.0	0107																										
ZZZZZZ	1.0	0115																										
ZZZZZZ	1.0	0123																										
ZZZZZZ	1.0	0131																										
ZZZZZZ	1.0	0139																										
ZZZZZZ	1.0	0147																										
ZZZZZZ	1.0	0155																										
CCV80	1.0	0203	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCB80	1.0	0211	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ZZZZZZ	1.0	0218																										
ZZZZZZ	1.0	0226																										
ZZZZZZ	1.0	0234																										
ZZZZZZ	5.0	0250																										
ZZZZZZ	1.0	0258																										
ZZZZZZ	1.0	0306																										
ZZZZZZ	1.0	0314																										
ZZZZZZ	25	0322																										
ZZZZZZ	25	0330																										
CCV81	1.0	0338	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCB81	1.0	0346	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ZZZZZZ	1.0	0354																										
ZZZZZZ	1.0	0402																										

Metals

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ANALYSIS RUN LOG

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: SDG No.: MH30T9

Instrument ID: P6 Analysis Method: MS

Start Date: 11/08/2011 End Date: 11/09/2011

EPA Sample NO.	D/F	Time	Analytes																								
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN		
ZZZZZZ	1.0	0409																										
ZZZZZZ	1.0	0417																										
ZZZZZZ	1.0	0425																										
ZZZZZZ	25	0433																										
ZZZZZZ	25	0441																										
ZZZZZZ	25	0449																										
ZZZZZZ	25	0457																										
ZZZZZZ	25	0505																										
CCV82	1.0	0513	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X			
CCB82	1.0	0521	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X			
ZZZZZZ	1.0	0529																										
ZZZZZZ	1.0	0537																										
ZZZZZZ	1.0	0545																										
ZZZZZZ	1.0	0553																										
ZZZZZZ	1.0	0600																										
ZZZZZZ	1.0	0608																										
ZZZZZZ	1.0	0616																										
ZZZZZZ	1.0	0624																										
ZZZZZZ	1.0	0632																										
ZZZZZZ	1.0	0640																										
CCV83	1.0	0648	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X			
CCB83	1.0	0656	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X			
ZZZZZZ	1.0	0704																										
ZZZZZZ	1.0	0712																										
ZZZZZZ	5.0	0720																										
ZZZZZZ	1.0	0728																										
ZZZZZZ	1.0	0736																										
ZZZZZZ	1.0	0744																										
ZZZZZZ	1.0	0752																										
ZZZZZZ	1.0	0800																										
ZZZZZZ	1.0	0808																										
ZZZZZZ	1.0	0816																										
CCV84	1.0	0824	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X			
CCB84	1.0	0831	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X			
ZZZZZZ	1.0	0839																										
ZZZZZZ	1.0	0847																										
ZZZZZZ	1.0	0855																										

Metals

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ANALYSIS RUN LOG

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: SDG No.: MH30T9

Instrument ID: P6 Analysis Method: MS

Start Date: 11/08/2011 End Date: 11/09/2011

EPA Sample NO.	D/F	Time	Analytes																								
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN		
ZZZZZZ	1.0	0903																										
ZZZZZZ	1.0	0911																										
ZZZZZZ	1.0	0927																										
ZZZZZZ	1.0	0935																										
ZZZZZZ	1.0	0943																										
ZZZZZZ	5.0	0951																										
CCV85	1.0	0959	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X			
CCB85	1.0	1007	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X			
ZZZZZZ	1.0	1015																										
ZZZZZZ	1.0	1023																										
ZZZZZZ	1.0	1031																										
ZZZZZZ	2.0	1039																										
ZZZZZZ	2.0	1047																										
ZZZZZZ	2.0	1055																										
ZZZZZZ	2.0	1103																										
ZZZZZZ	2.0	1111																										
ZZZZZZ	2.0	1119																										
ZZZZZZ	2.0	1127																										
CCV86	1.0	1135		X	X	X	X	X	X	X	X	X	X	X		X		X	X	X	X		X	X	X			
CCB86	1.0	1143		X	X	X	X	X	X	X	X	X	X	X		X		X	X	X	X		X	X	X			
ZZZZZZ	2.0	1150																										
ZZZZZZ	2.0	1158																										
ZZZZZZ	2.0	1206																										
ZZZZZZ	50	1214																										
ZZZZZZ	50	1222																										
ZZZZZZ	50	1230																										
ZZZZZZ	50	1238																										
ZZZZZZ	50	1246																										
CCV87	1.0	1254	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCB87	1.0	1302	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ZZZZZZ	1.0	1310																										
ZZZZZZ	1.0	1318																										
ZZZZZZ	1.0	1326																										
ZZZZZZ	1.0	1334																										
ZZZZZZ	1.0	1342																										
ZZZZZZ	25	1350																										
ZZZZZZ	25	1358																										
ZZZZZZ	25	1406																										

Metals

13-IN

ANALYSIS RUN LOG

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: SDG No.: MH30T9

Instrument ID: P6 Analysis Method: MS

Start Date: 11/08/2011 End Date: 11/09/2011

EPA Sample NO.	D/F	Time	Analytes																								
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN		
ZZZZZZ	25	1414																										
ZZZZZZ	25	1422																										
CCV88	1.0	1430	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCB88	1.0	1438	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
MH30W8S	1.0	1446		X	X	X	X	X		X	X	X		X		X		X		X	X		X	X	X			
ZZZZZZ	1.0	1454																										
MH30Z6	25	1502							X													X						
ZZZZZZ	25	1510																										
CCV89	1.0	1518	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCB89	1.0	1526	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			

Metals

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ICP-MS Tune

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: _____ SDG No.: MH30T9

ICP-MS Instrument ID: P6 Date: 11/08/2011

Element - Mass	Avg. Measured Mass (amu)	Average Peak Width (amu)	%Height	%RSD
Be_9	9.01	0.77	5.0	0.659
Mg_24	23.99	0.82	5.0	0.135
Mg_25	24.99	0.77	5.0	1.253
Mg_26	25.98	0.77	5.0	0.867
Co_59	58.93	0.77	5.0	0.335
In_113	112.90	0.76	5.0	0.427
In_115	114.90	0.76	5.0	0.397
Ce_140	139.91	0.82	5.0	0.193
Pb_206	205.97	0.82	5.0	0.501
Pb_207	206.98	0.82	5.0	0.201
Pb_208	207.98	0.82	5.0	0.464

Comments:

Metals

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ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: SDG NO.: MH30T9

ICP-MS Instrument ID: P6 Start Date: 11/08/2011 End Date: 11/09/2011

EPA Sample No.	Time	Internal Standards %RI For:									
		Element 209Bi	Q	Element 159Tb	Q	Element 45Sc	Q	Element 6Li	Q	Element 103Rh	Q
S0	1808	100		100		100		100		100	
S	1816	100		100		102		102		101	
S	1824	98		99		100		101		99	
S	1832	100		101		102		102		100	
S	1840	96		98		101		100		97	
S	1848	93		96		99		98		94	
ICV05	1856	99		98		100		99		99	
ICB05	1903	98		98		101		100		100	
ICSA05	1911	91		94		92		92		89	
ICSAB05	1919	92		95		91		90		89	
ICSA05	1927	96		97		96		93		96	
ICSAB05	1935	98		98		98		96		97	
CCV76	1943	95		98		99		98		96	
CCB76	1951	100		100		100		99		101	
ZZZZZZ	1959										
ZZZZZZ	2007										
PBW01	2015	98		98		100		98		100	
ZZZZZZ	2023										
LCS01	2030	102		102		104		103		103	
ZZZZZZ	2038										
MH30T9	2046	99		100		104		102		101	
MH30W0	2054	101		101		104		102		102	
MH30W1	2102	101		102		103		102		101	
MH30W2	2110	100		101		104		103		102	
CCV77	2118	96		99		100		99		97	
CCB77	2126	97		97		100		102		100	
MH30W3	2134	98		99		103		103		100	
MH30W4	2142	98		99		104		103		101	
MH30W5	2149	99		100		104		105		102	
MH30W6	2157	99		100		104		103		101	
MH30W7	2205	98		99		103		102		101	
MH30X0	2213	100		101		106		106		103	
MH30X1	2221	99		101		107		107		103	
MH30W8	2229	101		102		108		107		104	
MH30W8D	2237	99		100		106		105		103	
MH30W8L	2245	99		100		106		106		103	
CCV78	2253	95		98		103		102		98	
CCB78	2301	97		98		103		104		101	
MH30Y2	2316	89		92		96		94		90	
MH30Y3	2324	87		90		95		93		89	
MH30Y4	2332	86		90		94		92		87	
MH30Y5	2340	87		90		95		92		88	
MH30Y6	2348	87		89		93		91		87	
MH30Y2	2356	92		92		94		93		92	
MH30Y3	0004	92		92		94		92		93	

Metals

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ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: SDG NO.: MH30T9

ICP-MS Instrument ID: P6 Start Date: 11/08/2011 End Date: 11/09/2011

EPA Sample No.	Time	Internal Standards %RI For:									
		Element 209Bi	Q	Element 159Tb	Q	Element 45Sc	Q	Element 6Li	Q	Element 103Rh	Q
MH30Y4	0012	93		92		94		92		93	
MH30Y5	0020	94		94		95		93		94	
CCV79	0028	92		94		97		94		94	
CCB79	0036	94		94		96		94		95	
MH30Z6	0044	94		98		102		99		96	
MH30Y6	0051	96		97		100		100		99	
ZZZZZZ	0059										
ZZZZZZ	0107										
ZZZZZZ	0115										
ZZZZZZ	0123										
ZZZZZZ	0131										
ZZZZZZ	0139										
ZZZZZZ	0147										
ZZZZZZ	0155										
CCV80	0203	94		96		100		96		96	
CCB80	0211	97		97		101		99		100	
ZZZZZZ	0218										
ZZZZZZ	0226										
ZZZZZZ	0234										
ZZZZZZ	0250										
ZZZZZZ	0258										
ZZZZZZ	0306										
ZZZZZZ	0314										
ZZZZZZ	0322										
ZZZZZZ	0330										
CCV81	0338	96		99		105		100		99	
CCB81	0346	98		99		105		101		102	
ZZZZZZ	0354										
ZZZZZZ	0402										
ZZZZZZ	0409										
ZZZZZZ	0417										
ZZZZZZ	0425										
ZZZZZZ	0433										
ZZZZZZ	0441										
ZZZZZZ	0449										
ZZZZZZ	0457										
ZZZZZZ	0505										
CCV82	0513	96		97		96		91		94	
CCB82	0521	97		96		96		92		96	
ZZZZZZ	0529										
ZZZZZZ	0537										
ZZZZZZ	0545										
ZZZZZZ	0553										
ZZZZZZ	0600										
ZZZZZZ	0608										

Metals

15-IN

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: SDG NO.: MH30T9

ICP-MS Instrument ID: P6 Start Date: 11/08/2011 End Date: 11/09/2011

EPA Sample No.	Time	Internal Standards %RI For:									
		Element 209Bi	Q	Element 159Tb	Q	Element 45Sc	Q	Element 6Li	Q	Element 103Rh	Q
ZZZZZZ	0616										
ZZZZZZ	0624										
ZZZZZZ	0632										
ZZZZZZ	0640										
CCV83	0648	91		91		88		81		87	
CCB83	0656	95		93		89		84		91	
ZZZZZZ	0704										
ZZZZZZ	0712										
ZZZZZZ	0720										
ZZZZZZ	0728										
ZZZZZZ	0736										
ZZZZZZ	0744										
ZZZZZZ	0752										
ZZZZZZ	0800										
ZZZZZZ	0808										
ZZZZZZ	0816										
CCV84	0824	91		91		86		77		86	
CCB84	0831	95		91		87		79		89	
ZZZZZZ	0839										
ZZZZZZ	0847										
ZZZZZZ	0855										
ZZZZZZ	0903										
ZZZZZZ	0911										
ZZZZZZ	0927										
ZZZZZZ	0935										
ZZZZZZ	0943										
ZZZZZZ	0951										
CCV85	0959	84		84		82		75		82	
CCB85	1007	87		84		82		76		84	
ZZZZZZ	1015										
ZZZZZZ	1023										
ZZZZZZ	1031										
ZZZZZZ	1039										
ZZZZZZ	1047										
ZZZZZZ	1055										
ZZZZZZ	1103										
ZZZZZZ	1111										
ZZZZZZ	1119										
ZZZZZZ	1127										
CCV86	1135	83		82		80		74		80	
CCB86	1143	87		84		81		76		83	
ZZZZZZ	1150										
ZZZZZZ	1158										
ZZZZZZ	1206										
ZZZZZZ	1214										

Metals

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ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: SDG NO.: MH30T9

ICP-MS Instrument ID: P6 Start Date: 11/08/2011 End Date: 11/09/2011

EPA Sample No.	Time	Internal Standards %RI For:									
		Element 209Bi	Q	Element 159Tb	Q	Element 45Sc	Q	Element 6Li	Q	Element 103Rh	Q
ZZZZZZ	1222										
ZZZZZZ	1230										
ZZZZZZ	1238										
ZZZZZZ	1246										
CCV87	1254	87		86		82		76		82	
CCB87	1302	86		83		80		77		82	
ZZZZZZ	1310										
ZZZZZZ	1318										
ZZZZZZ	1326										
ZZZZZZ	1334										
ZZZZZZ	1342										
ZZZZZZ	1350										
ZZZZZZ	1358										
ZZZZZZ	1406										
ZZZZZZ	1414										
ZZZZZZ	1422										
CCV88	1430	86		85		80		73		80	
CCB88	1438	87		83		78		73		80	
MH30W8S	1446	85		82		78		73		79	
ZZZZZZ	1454										
MH30Z6	1502	87		84		79		75		81	
ZZZZZZ	1510										
CCV89	1518	86		85		79		74		80	
CCB89	1526	86		83		79		75		81	

Metals

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ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: SDG NO.: MH30T9

ICP-MS Instrument ID: P6 Start Date: 11/08/2011 End Date: 11/09/2011

EPA Sample No.	Time	Internal Standards %RI For:									
		Element 165Ho	Q	Element 159Tb	Q	Element 45Sc	Q	Element 6Li	Q	Element 103Rh	Q
S0	1808	100									
S	1816	99									
S	1824	99									
S	1832	102									
S	1840	98									
S	1848	96									
ICV05	1856	99									
ICB05	1903	98									
ICSA05	1911	94									
ICSAB05	1919	96									
ICSA05	1927	97									
ICSAB05	1935	98									
CCV76	1943	98									
CCB76	1951	100									
ZZZZZZ	1959										
ZZZZZZ	2007										
PBW01	2015	98									
ZZZZZZ	2023										
LCS01	2030	102									
ZZZZZZ	2038										
MH30T9	2046	100									
MH30W0	2054	101									
MH30W1	2102	102									
MH30W2	2110	101									
CCV77	2118	98									
CCB77	2126	97									
MH30W3	2134	99									
MH30W4	2142	99									
MH30W5	2149	99									
MH30W6	2157	99									
MH30W7	2205	99									
MH30X0	2213	101									
MH30X1	2221	101									
MH30W8	2229	101									
MH30W8D	2237	100									
MH30W8L	2245	100									
CCV78	2253	98									
CCB78	2301	97									
MH30Y2	2316	92									
MH30Y3	2324	91									
MH30Y4	2332	90									
MH30Y5	2340	90									
MH30Y6	2348	89									
MH30Y2	2356	92									
MH30Y3	0004	92									

Metals

15-IN

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: SDG NO.: MH30T9

ICP-MS Instrument ID: P6 Start Date: 11/08/2011 End Date: 11/09/2011

EPA Sample No.	Time	Internal Standards %RI For:									
		Element 165Ho	Q	Element 159Tb	Q	Element 45Sc	Q	Element 6Li	Q	Element 103Rh	Q
MH30Y4	0012	92									
MH30Y5	0020	94									
CCV79	0028	94									
CCB79	0036	94									
MH30Z6	0044	98									
MH30Y6	0051	97									
ZZZZZZ	0059										
ZZZZZZ	0107										
ZZZZZZ	0115										
ZZZZZZ	0123										
ZZZZZZ	0131										
ZZZZZZ	0139										
ZZZZZZ	0147										
ZZZZZZ	0155										
CCV80	0203	96									
CCB80	0211	96									
ZZZZZZ	0218										
ZZZZZZ	0226										
ZZZZZZ	0234										
ZZZZZZ	0250										
ZZZZZZ	0258										
ZZZZZZ	0306										
ZZZZZZ	0314										
ZZZZZZ	0322										
ZZZZZZ	0330										
CCV81	0338	99									
CCB81	0346	99									
ZZZZZZ	0354										
ZZZZZZ	0402										
ZZZZZZ	0409										
ZZZZZZ	0417										
ZZZZZZ	0425										
ZZZZZZ	0433										
ZZZZZZ	0441										
ZZZZZZ	0449										
ZZZZZZ	0457										
ZZZZZZ	0505										
CCV82	0513	97									
CCB82	0521	95									
ZZZZZZ	0529										
ZZZZZZ	0537										
ZZZZZZ	0545										
ZZZZZZ	0553										
ZZZZZZ	0600										
ZZZZZZ	0608										

Metals

15-IN

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: SDG NO.: MH30T9

ICP-MS Instrument ID: P6 Start Date: 11/08/2011 End Date: 11/09/2011

EPA Sample No.	Time	Internal Standards %RI For:									
		Element 165Ho	Q	Element 159Tb	Q	Element 45Sc	Q	Element 6Li	Q	Element 103Rh	Q
ZZZZZZ	0616										
ZZZZZZ	0624										
ZZZZZZ	0632										
ZZZZZZ	0640										
CCV83	0648	91									
CCB83	0656	93									
ZZZZZZ	0704										
ZZZZZZ	0712										
ZZZZZZ	0720										
ZZZZZZ	0728										
ZZZZZZ	0736										
ZZZZZZ	0744										
ZZZZZZ	0752										
ZZZZZZ	0800										
ZZZZZZ	0808										
ZZZZZZ	0816										
CCV84	0824	91									
CCB84	0831	92									
ZZZZZZ	0839										
ZZZZZZ	0847										
ZZZZZZ	0855										
ZZZZZZ	0903										
ZZZZZZ	0911										
ZZZZZZ	0927										
ZZZZZZ	0935										
ZZZZZZ	0943										
ZZZZZZ	0951										
CCV85	0959	85									
CCB85	1007	84									
ZZZZZZ	1015										
ZZZZZZ	1023										
ZZZZZZ	1031										
ZZZZZZ	1039										
ZZZZZZ	1047										
ZZZZZZ	1055										
ZZZZZZ	1103										
ZZZZZZ	1111										
ZZZZZZ	1119										
ZZZZZZ	1127										
CCV86	1135	83									
CCB86	1143	85									
ZZZZZZ	1150										
ZZZZZZ	1158										
ZZZZZZ	1206										
ZZZZZZ	1214										

Metals

15-IN

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: SDG NO.: MH30T9

ICP-MS Instrument ID: P6 Start Date: 11/08/2011 End Date: 11/09/2011

EPA Sample No.	Time	Internal Standards %RI For:									
		Element 165Ho	Q	Element 159Tb	Q	Element 45Sc	Q	Element 6Li	Q	Element 103Rh	Q
ZZZZZZ	1222										
ZZZZZZ	1230										
ZZZZZZ	1238										
ZZZZZZ	1246										
CCV87	1254	86									
CCB87	1302	83									
ZZZZZZ	1310										
ZZZZZZ	1318										
ZZZZZZ	1326										
ZZZZZZ	1334										
ZZZZZZ	1342										
ZZZZZZ	1350										
ZZZZZZ	1358										
ZZZZZZ	1406										
ZZZZZZ	1414										
ZZZZZZ	1422										
CCV88	1430	85									
CCB88	1438	83									
MH30W8S	1446	82									
ZZZZZZ	1454										
MH30Z6	1502	85									
ZZZZZZ	1510										
CCV89	1518	85									
CCB89	1526	83									

Metals

16-IN

INITIAL CALIBRATION

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: SDG No.: MH30T9

Instrument ID: P6 Start Date: 11/08/11

Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	0.00	0.00000	0	20.0	23	-16	2500	2633	-5
Antimony	0.00	0.00000	0	2.00	2.0	1	125	125	0
Arsenic	0.00	0.00000	0	1.00	1.1	-12	125	125	0
Barium	0.00	0.00000	0	10.0	9.6	4	625	611	2
Beryllium	0.00	0.00000	0	1.00	1.1	-6	125	126	0
Cadmium	0.00	0.00000	0	1.00	1.1	-5	125	128	-2
Calcium	0.00	0.00000	0	500	496	1	12500	12470	0
Chromium	0.00	0.00000	0	2.00	2.2	-11	125	128	-2
Cobalt	0.00	0.00000	0	1.00	1.1	-7	125	128	-2
Copper	0.00	0.00000	0	2.00	2.2	-12	250	258	-3
Iron	0.00	0.00000	0	200	209	-4	6250	6443	-3
Lead	0.00	0.00000	0	1.00	1.0	-3	125	126	-1
Magnesium	0.00	0.00000	0	500	505	-1	12500	12610	-1
Manganese	0.00	0.00000	0	1.00	1.1	-14	250	254	-2
Nickel	0.00	0.00000	0	1.00	1.2	-19	125	129	-3
Potassium	0.00	0.00000	0	500	512	-2	6250	6368	-2
Selenium	0.00	0.00000	0	5.00	5.2	-3	125	125	0
Silver	0.00	0.00000	0	1.00	1.0	-2	125	128	-2
Sodium	0.00	0.00000	0	500	505	-1	12500	12650	-1
Thallium	0.00	0.00000	0	1.00	1.1	-7	125	125	0
Vanadium	0.00	0.00000	0	5.00	4.8	5	125	126	-1
Zinc	0.00	0.00000	0	2.00	2.3	-16	250	258	-3

Control Limits ± 30

Metals

16-IN

INITIAL CALIBRATION

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41926 Mod. Ref. No.: SDG No.: MH30T9

Instrument ID: P6 Start Date: 11/08/11

Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	5000	4900	2	10000	9979	0	20000	20020	0
Antimony	250	248	1	500	498	0	1000	1002	0
Arsenic	250	245	2	500	497	1	1000	1003	0
Barium	1250	1199	4	2500	2425	3	5000	5052	-1
Beryllium	250	244	2	500	503	-1	1000	1000	0
Cadmium	250	249	1	500	504	-1	1000	998	0
Calcium	25000	24150	3	50000	48540	3	100000	100900	-1
Chromium	250	247	1	500	500	0	1000	1000	0
Cobalt	250	248	1	500	502	0	1000	999	0
Copper	500	499	0	1000	1008	-1	2000	1995	0
Iron	12500	12550	0	25000	25270	-1	50000	49830	0
Lead	250	246	2	500	498	1	1000	1002	0
Magnesium	25000	24610	2	50000	49670	1	100000	99470	1
Manganese	500	494	1	1000	999	0	2000	2002	0
Nickel	250	249	1	500	504	-1	1000	998	0
Potassium	12500	12430	1	25000	25120	0	50000	49940	0
Selenium	250	242	3	500	496	1	1000	1004	0
Silver	250	251	0	500	503	-1	1000	998	0
Sodium	25000	24870	1	50000	50010	0	100000	99640	0
Thallium	250	244	3	500	500	0	1000	1001	0
Vanadium	250	246	2	500	499	0	1000	1001	0
Zinc	500	500	0	1000	1008	-1	2000	1995	0

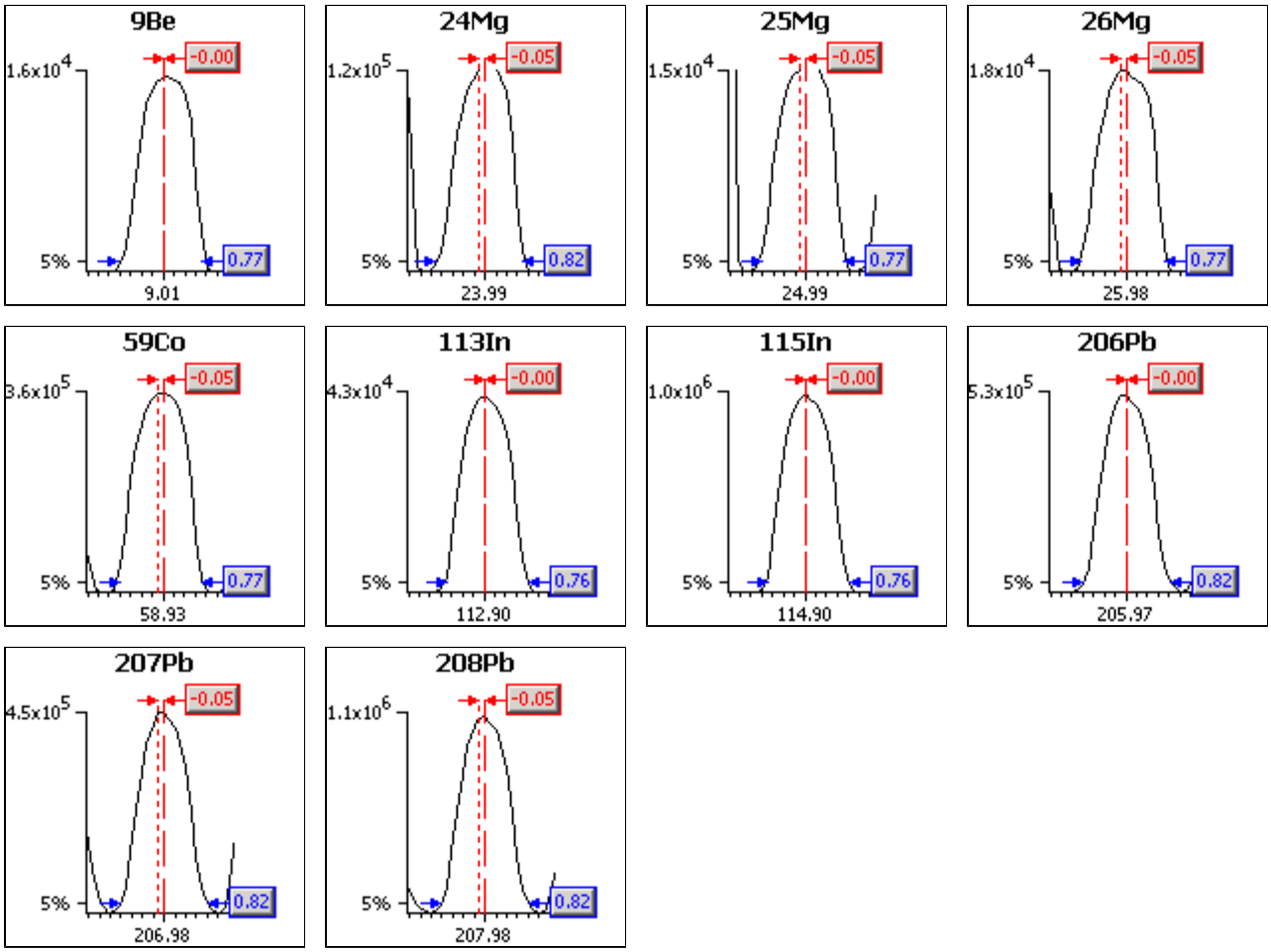
Control Limits ± 30

Performance Report

Sample details
Sample name : TUNE
Acquired at : 11/08/2011 05:48:22 PM
Report name : ISM01.2 [03/09/2010 11:16:01 AM]

Mass Calibration verification

Acquisition parameters
Sweeps : 20
Dwell : 3.0 mSecs
Point spacing : 0.05 amu
Peak width measured at 5% of the peak maximum



Analyte	Limits			Results	
	Max. width	Min. width	Max. error	Peak width	Peak error
9Be	0.85	0.65	0.10	0.77	-0.00
24Mg	0.85	0.65	0.10	0.82	-0.05
25Mg	0.85	0.65	0.10	0.77	-0.05
26Mg	0.85	0.65	0.10	0.77	-0.05
59Co	0.85	0.65	0.10	0.77	-0.05
113In	0.85	0.65	0.10	0.76	-0.00
115In	0.85	0.65	0.10	0.76	-0.00
206Pb	0.85	0.65	0.10	0.82	-0.00
207Pb	0.85	0.65	0.10	0.82	-0.05
208Pb	0.85	0.65	0.10	0.82	-0.05

Sample details
Sample name : TUNE
Acquired at : 11/08/2011 05:48:22 PM
Report name : ISM01.2 [03/09/2010 11:16:01 AM]

Tune conditions

Major	
Extraction	-184
Lens 1	0.3
Focus	21.4
D1	-35.3
Pole Bias	1.0
Hexapole Bias	-3.0
Nebuliser	0.80
Sampling Depth	130

Minor	
Lens 2	-42.4
Lens 3	-149.8
Forward power	1350
Horizontal	90
Vertical	450
D2	-160
DA	-80.0
Cool	13.0
Auxiliary	0.90

Global	
Standard resolution	n/a
High resolution	n/a
Analogue Detector	n/a
PC Detector	n/a

Add. Gases

Sensitivity and stability results

Acquisition parameters
Sweeps : 130

Run	Time	5Bkg	9Be	24Mg	25Mg	26Mg	59Co	138Ba++	113In	115In
Dwell (mSecs)		0.0	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%	-	5.0%	5.0%
	Countrate	-	>2000	>8000	>1000	>1000	>25000	-	>2500	>50000
1	05:48:44 PM	0.000	15167.278	114447.38	15799.501	18535.864	366448.12	7127.932	43205.236	1009155.5
2	05:49:13 PM	0.769	15003.259	114624.95	16203.800	18592.861	368697.99	7211.050	43013.119	1010829.4
3	05:49:42 PM	0.000	15263.534	114350.45	15810.282	18661.412	368219.74	7182.574	43197.520	1011393.4
4	05:50:11 PM	0.769	15160.348	114627.27	15835.695	18956.415	365743.48	7137.937	43118.050	1005566.8
5	05:50:40 PM	0.769	15228.882	114735.06	16152.203	18696.072	367668.11	7129.471	43508.461	1016621.9
x		0.462	15164.660	114557.02	15960.296	18688.525	367355.49	7157.793	43208.477	1010713.4
σ		0.42	99.97	154.87	200.00	162.03	1231.75	37.21	184.70	4009.38
%RSD		91.287	0.659	0.135	1.253	0.867	0.335	0.520	0.427	0.397

Run	Time	138Ba	140Ce	156Ce O	206Pb	207Pb	208Pb	220Bkg
Dwell (mSecs)		0.0	0.0	0.0	0.0	0.0	0.0	0.0
Limits	%RSD	-	-	-	5.0%	5.0%	5.0%	-
	Countrate	-	-	-	>20000	>20000	>40000	<1
1	05:48:44 PM	840949.55	1142548.1	14435.752	531580.34	446954.19	1093966.7	0.000
2	05:49:13 PM	844483.78	1140538.2	14390.321	534046.74	446930.39	1095976.9	0.000
3	05:49:42 PM	840246.88	1143039.8	14465.012	527438.68	449058.67	1104037.4	0.000
4	05:50:11 PM	841166.39	1144302.0	14126.212	533797.69	447201.76	1100720.9	0.000
5	05:50:40 PM	842331.35	1146488.1	14332.571	531096.68	447893.71	1091502.3	0.000
x		841835.59	1143383.2	14349.973	531592.03	447607.74	1097240.8	0.000
σ		1659.48	2201.93	134.71	2663.94	899.68	5088.02	0.00
%RSD		0.197	0.193	0.939	0.501	0.201	0.464	0.000

Ratio results

Run	Time	156Ce O/140Ce	138Ba++/138Ba
Ratio limits		<0.0200	<0.0300
1	05:48:44 PM	0.013	0.008
2	05:49:13 PM	0.013	0.009
3	05:49:42 PM	0.013	0.009
4	05:50:11 PM	0.012	0.008
5	05:50:40 PM	0.013	0.008
x		0.0126	0.0085
σ		0.00	0.00
%RSD		1.0323	0.4510

Result : The performance report passed.

Fully Quantitative Concentrations

Id	Label	9Be	10B	23Na	24Mg	25Mg	26Mg	27Al	28Si	31P
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
3	S1 (S)	1.000	5.000	500.000	500.000	500.000	500.000	20.000	5.000	0.000
4	S2 (S)	125.000	125.000	12500.000	12500.000	12500.000	12500.000	2500.000	125.000	2500.000
5	S3 (S)	250.000	250.000	25000.000	25000.000	25000.000	25000.000	5000.000	250.000	5000.000
6	S4 (S)	500.000	500.000	50000.000	50000.000	50000.000	50000.000	10000.000	500.000	10000.000
7	S5 (S)	1000.000	1000.000	100000.000	100000.000	100000.000	100000.000	20000.000	1000.000	20000.000

Id	Label	39K	43Ca	44Ca	47Ti	51V	52Cr	55Mn	54Fe	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
3	S1 (S)	500.000	500.000	500.000	5.000	5.000	2.000	1.000	200.000	200.000
4	S2 (S)	6250.000	12500.000	12500.000	125.000	125.000	125.000	250.000	6250.000	6250.000
5	S3 (S)	12500.000	25000.000	25000.000	250.000	250.000	250.000	500.000	12500.000	12500.000
6	S4 (S)	25000.000	50000.000	50000.000	500.000	500.000	500.000	1000.000	25000.000	25000.000
7	S5 (S)	50000.000	100000.000	100000.000	1000.000	1000.000	1000.000	2000.000	50000.000	50000.000

Id	Label	57Fe	59Co	60Ni	61Ni	62Ni	63Cu	65Cu	66Zn	67Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
3	S1 (S)	200.000	1.000	1.000	1.000	1.000	2.000	2.000	2.000	2.000
4	S2 (S)	6250.000	125.000	125.000	125.000	125.000	250.000	250.000	250.000	250.000
5	S3 (S)	12500.000	250.000	250.000	250.000	250.000	500.000	500.000	500.000	500.000
6	S4 (S)	25000.000	500.000	500.000	500.000	500.000	1000.000	1000.000	1000.000	1000.000
7	S5 (S)	50000.000	1000.000	1000.000	1000.000	1000.000	2000.000	2000.000	2000.000	2000.000

Id	Label	68Zn	75As	77Se	78Se	82Se	86Sr	88Sr	94Mo	95Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
3	S1 (S)	2.000	1.000	5.000	5.000	5.000	1.000	1.000	5.000	5.000
4	S2 (S)	250.000	125.000	125.000	125.000	125.000	125.000	125.000	125.000	125.000
5	S3 (S)	500.000	250.000	250.000	250.000	250.000	250.000	250.000	250.000	250.000
6	S4 (S)	1000.000	500.000	500.000	500.000	500.000	500.000	500.000	500.000	500.000
7	S5 (S)	2000.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000

Id	Label	96Mo	97Mo	98Mo	107Ag	109Ag	106Cd	108Cd	111Cd	118Sn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
3	S1 (S)	5.000	5.000	5.000	1.000	1.000	1.000	1.000	1.000	5.000
4	S2 (S)	125.000	125.000	125.000	125.000	125.000	125.000	125.000	125.000	125.000
5	S3 (S)	250.000	250.000	250.000	250.000	250.000	250.000	250.000	250.000	250.000
6	S4 (S)	500.000	500.000	500.000	500.000	500.000	500.000	500.000	500.000	500.000
7	S5 (S)	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000

Id	Label	121Sb	135Ba	137Ba	203Tl	205Tl	206Pb	207Pb	208Pb	232Th
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
3	S1 (S)	2.000	10.000	10.000	1.000	1.000	1.000	1.000	1.000	1.000
4	S2 (S)	125.000	625.000	625.000	125.000	125.000	125.000	125.000	125.000	125.000
5	S3 (S)	250.000	1250.000	1250.000	250.000	250.000	250.000	250.000	250.000	250.000
6	S4 (S)	500.000	2500.000	2500.000	500.000	500.000	500.000	500.000	500.000	500.000
7	S5 (S)	1000.000	5000.000	5000.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000

Id	Label	238U
		ppb
3	S1 (S)	1.000
4	S2 (S)	125.000
5	S3 (S)	250.000
6	S4 (S)	500.000
7	S5 (S)	1000.000

Calibration Technique

Use External Drift Correction - Yes
Calibrate by - Element

Symbol	Interference Correction	RSF	Calibration Method	Line Fit	Weighting	Forcing	Use for Semi-Quant	Max Error	Minimum Correlation
6Li	Yes	1.00	None				No		
7Li	Yes	1.00	Semi-Quantified				No		
9Be	Yes	0.75	Fully-Quantified	Linear	None	Through Blank	Yes		0.995000
10B	Yes	0.58	Fully-Quantified	Linear	None	Through Blank	Yes		0.995000
13C	Yes	0.05	None				No		
23Na	Yes	1.00	Fully-Quantified	Linear	Absolute SD	Through Blank	Yes		0.995000
24Mg	Yes	0.98	Fully-Quantified	Linear	Absolute SD	Through Blank	Yes		0.995000
25Mg	Yes	0.98	Fully-Quantified	Linear	None	Through Blank	Yes		0.995000
26Mg	Yes	0.98	Fully-Quantified	Linear	None	Through Blank	Yes		0.995000
27Al	Yes	0.98	Fully-Quantified	Linear	None	Through Blank	Yes		0.995000
28Si	Yes	0.85	Fully-Quantified	Linear	None	Through Blank	Yes		0.995000
31P	Yes	0.33	Fully-Quantified	Linear	None	Through Blank	Yes		
34S	Yes	0.14	None				No		
37Cl	Yes	0.09	None				No		

39K	Yes	1.00	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
43Ca	Yes	0.99	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
44Ca	Yes	0.99	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
45Sc	Yes	1.00	None				No	
47Ti	Yes	0.99	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
51V	Yes	0.99	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
52Cr	No	0.98	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
55Mn	Yes	0.95	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
54Fe	Yes	0.96	Fully-Quantified	Linear	None	Through Blank	Yes	
56Fe	Yes	0.96	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
57Fe	Yes	0.96	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
59Co	Yes	0.93	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
60Ni	Yes	0.91	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
61Ni	Yes	0.91	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
62Ni	Yes	0.91	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
63Cu	Yes	0.90	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
65Cu	Yes	0.90	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
66Zn	Yes	0.38	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
67Zn	Yes	0.38	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
68Zn	Yes	0.38	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
75As	Yes	0.07	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
77Se	Yes	0.10	Fully-Quantified	Linear	None	Through Blank	Yes	
78Se	Yes	0.10	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
82Se	Yes	0.10	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
83Kr	Yes	0.01	Semi-Quantified				No	
86Sr	Yes	0.96	Fully-Quantified	Linear	None	Through Blank	Yes	
88Sr	Yes	0.96	Fully-Quantified	Linear	None	Through Blank	Yes	
94Mo	Yes	0.98	Fully-Quantified	Linear	None	Through Blank	Yes	
95Mo	Yes	0.98	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
96Mo	Yes	0.98	Fully-Quantified	Linear	None	Through Blank	Yes	
97Mo	Yes	0.98	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
98Mo	Yes	0.98	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
99Ru	Yes	0.96	Semi-Quantified				No	
103Rh	Yes	0.94	None				No	
105Pd	Yes	0.93	Semi-Quantified				No	
107Ag	Yes	0.93	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
109Ag	Yes	0.93	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
106Cd	Yes	0.57	Fully-Quantified	Linear	None	Through Blank	Yes	
108Cd	Yes	0.57	Fully-Quantified	Linear	None	Through Blank	Yes	
111Cd	Yes	0.57	Fully-Quantified	Linear	None	Through Blank	Yes	
115In	Yes	0.99	None				No	
118Sn	Yes	0.96	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
121Sb	Yes	0.39	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
125Te	Yes	0.33	None				No	
135Ba	Yes	0.91	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
137Ba	Yes	0.91	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
159Tb	Yes	0.99	None				No	
165Ho	Yes	1.00	None				No	
203Tl	Yes	1.00	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
206Pb	Yes	0.97	Fully-Quantified	Linear	None	Through Blank	Yes	
207Pb	Yes	0.97	Fully-Quantified	Linear	None	Through Blank	Yes	
208Pb	Yes	0.97	Fully-Quantified	Linear	None	Through Blank	Yes	
209Bi	Yes	0.92	None				No	
232Th	Yes	1.00	Fully-Quantified	Linear	None	Through Blank	Yes	
238U	Yes	1.00	Fully-Quantified	Linear	None	Through Blank	Yes	
205Tl	Yes	1.00	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
77Ar Cl	Yes		Semi-Quantified				No	
137Ba++	Yes		Semi-Quantified				No	
53Cl O	Yes		Semi-Quantified				No	
108Mo O	Yes		Semi-Quantified				No	

Sample List

No	Label	Type	Weight	Rack	Row	Col	Height
1	TUNE	Instrument Setup	1.000	1	1	1	144
2	S0 (S0)	Blank	1.000	1	1	1	144
3	S1 (S)	Fully Quant Standard	1.000	1	1	2	144
4	S2 (S)	Fully Quant Standard	1.000	1	1	3	144
5	S3 (S)	Fully Quant Standard	1.000	1	1	4	144
6	S4 (S)	Fully Quant Standard	1.000	1	1	5	144
7	S5 (S)	Fully Quant Standard	1.000	1	1	6	144
8	ICV05	Unknown	1.000	1	1	7	144
9	ICB05	Unknown	1.000	1	1	8	144
10	ICSA05	Unknown	1.000	1	1	9	144
11	ICSAB05	Unknown	1.000	1	1	10	144
12	ICSA05X10	Unknown	1.000	1	1	11	144
13	ICSAB05X10	Unknown	1.000	1	1	12	144
14	CCV76	Unknown	1.000	1	2	1	144

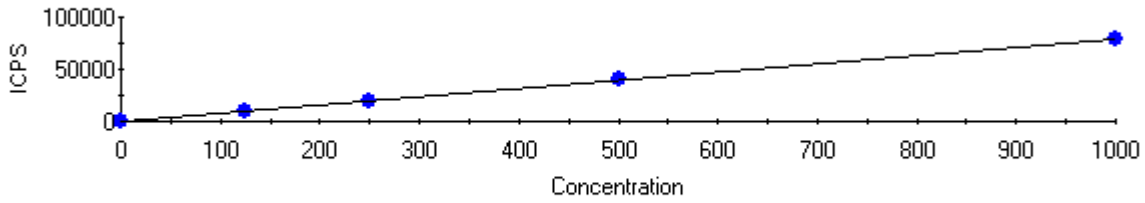
15	CCB76	Unknown	1.000	1	2	2	144
16	CRI	Unknown	1.000	1	2	3	144
17	CRI FE 100PPB	Unknown	1.000	1	2	4	144
18	PB58982BL PBW01	Unknown	1.000	1	2	5	144
19	PB58983BL PBW01	Unknown	1.000	1	2	6	144
20	PB58982BS LCS01	Unknown	1.000	1	2	7	144
21	PB58983BS LCS01	Unknown	1.000	1	2	8	144
22	C4368-01 MH30T9	Unknown	1.000	1	2	9	144
23	C4368-02 MH30W0	Unknown	1.000	1	2	10	144
24	C4368-03 MH30W1	Unknown	1.000	1	2	11	144
25	C4368-04 MH30W2	Unknown	1.000	1	2	12	144
26	CCV77	Unknown	1.000	1	3	1	144
27	CCB77	Unknown	1.000	1	3	2	144
28	C4368-05 MH30W3	Unknown	1.000	1	3	3	144
29	C4368-06 MH30W4	Unknown	1.000	1	3	4	144
30	C4368-07 MH30W4	Unknown	1.000	1	3	5	144
31	C4368-08 MH30W5	Unknown	1.000	1	3	6	144
32	C4368-09 MH30W6	Unknown	1.000	1	3	7	144
33	C4368-13 MH30X0	Unknown	1.000	1	3	8	144
34	C4368-14 MH30X1	Unknown	1.000	1	3	9	144
35	C4368-10 MH30W8	Unknown	1.000	1	3	10	144
36	C4368-11 MH30W8D	Unknown	1.000	1	3	11	144
37	C4368-10LX5 MH30W8L	Unknown	1.000	1	3	12	144
38	CCV78	Unknown	1.000	1	4	1	144
39	CCB78	Unknown	1.000	1	4	2	144
40	C4368-15 MH30Y2	Unknown	1.000	1	4	4	144
41	C4368-16 MH30Y3	Unknown	1.000	1	4	5	144
42	C4368-17 MH30Y4	Unknown	1.000	1	4	6	144
43	C4368-18 MH30Y5	Unknown	1.000	1	4	7	144
44	C4368-19 MH30Y6	Unknown	1.000	1	4	8	144
45	C4368-15X25 MH30Y2	Unknown	1.000	1	4	9	144
46	C4368-16X25 MH30Y3	Unknown	1.000	1	4	10	144
47	C4368-17X25 MH30Y4	Unknown	1.000	1	4	11	144
48	C4368-18X25 MH30Y5	Unknown	1.000	1	4	12	144
49	CCV79	Unknown	1.000	1	5	1	144
50	CCB79	Unknown	1.000	1	5	2	144
51	C4368-20 MH30Z6	Unknown	1.000	1	5	3	144
52	C4368-19X25 MH30Y6	Unknown	1.000	1	5	4	144
53	C4369-01 MH30Z9	Unknown	1.000	1	5	5	144
54	C4369-02 MH3100	Unknown	1.000	1	5	6	144
55	C4369-03 MH3101	Unknown	1.000	1	5	7	144
56	C4369-04 MH3102	Unknown	1.000	1	5	8	144
57	C4369-05 MH3103	Unknown	1.000	1	5	9	144
58	C4369-06 MH3104	Unknown	1.000	1	5	10	144
59	C4369-07 MH3105	Unknown	1.000	1	5	11	144
60	C4369-08 MH3106	Unknown	1.000	1	5	12	144
61	CCV80	Unknown	1.000	2	1	1	144
62	CCB80	Unknown	1.000	2	1	2	144
63	C4369-09 MH3107	Unknown	1.000	2	1	3	144
64	C4369-10 MH3108	Unknown	1.000	2	1	4	144
65	C4369-11 MH3108D	Unknown	1.000	2	1	5	144
66	C4369-10LX5 MH3108L	Unknown	1.000	2	1	7	144
67	C4369-13 MH3109	Unknown	1.000	2	1	8	144
68	C4369-14 MH3110	Unknown	1.000	2	1	9	144
69	C4369-20 MH3135	Unknown	1.000	2	1	10	144
70	C4369-13X25 MH3109	Unknown	1.000	2	1	11	144
71	C4369-14X25 MH3110	Unknown	1.000	2	1	12	144
72	CCV81	Unknown	1.000	2	2	1	144
73	CCB81	Unknown	1.000	2	2	2	144
74	C4369-15 MH3121	Unknown	1.000	2	2	3	144
75	C4369-16 MH3122	Unknown	1.000	2	2	4	144
76	C4369-17 MH3123	Unknown	1.000	2	2	5	144
77	C4369-18 MH3124	Unknown	1.000	2	2	6	144
78	C4369-19 MH3125	Unknown	1.000	2	2	7	144
79	C4369-15X25 MH3121	Unknown	1.000	2	2	8	144
80	C4369-16X25 MH3122	Unknown	1.000	2	2	9	144
81	C4369-17X25 MH3123	Unknown	1.000	2	2	10	144
82	C4369-18X25 MH3124	Unknown	1.000	2	2	11	144
83	C4369-19X25 MH3125	Unknown	1.000	2	2	12	144
84	CCV82	Unknown	1.000	2	3	1	144
85	CCB82	Unknown	1.000	2	3	2	144
86	PB58970BL	Unknown	1.000	2	3	3	144
87	PB59037BL	Unknown	1.000	2	3	4	144
88	PB58970BS	Unknown	1.000	2	3	5	144
89	PB59037BS	Unknown	1.000	2	3	6	144
90	C4418-02	Unknown	1.000	2	3	7	144
91	C4418-03	Unknown	1.000	2	3	8	144

92	C4418-04	Unknown	1.000	2	3	9	144
93	C4418-05	Unknown	1.000	2	3	10	144
94	C4418-06	Unknown	1.000	2	3	11	144
95	C4418-07	Unknown	1.000	2	3	12	144
96	CCV83	Unknown	1.000	2	4	1	144
97	CCB83	Unknown	1.000	2	4	2	144
98	C4418-01	Unknown	1.000	2	4	3	144
99	C4418-01D	Unknown	1.000	2	4	4	144
100	C4418-01LX5	Unknown	1.000	2	4	5	144
101	C4418-01S	Unknown	1.000	2	4	6	144
102	C4418-01SD	Unknown	1.000	2	4	7	144
103	C4418-01A	Unknown	1.000	2	4	8	144
104	C4418-08	Unknown	1.000	2	4	9	144
105	C4418-09	Unknown	1.000	2	4	10	144
106	C4418-10	Unknown	1.000	2	4	11	144
107	C4418-11	Unknown	1.000	2	4	12	144
108	CCV84	Unknown	1.000	2	5	1	144
109	CCB84	Unknown	1.000	2	5	2	144
110	C4418-12	Unknown	1.000	2	5	3	144
111	C4418-13	Unknown	1.000	2	5	4	144
112	C4418-14	Unknown	1.000	2	5	5	144
113	C4418-15	Unknown	1.000	2	5	6	144
114	C4418-16	Unknown	1.000	2	5	7	144
115	HNO3-5%	Unknown	1.000	2	5	9	144
116	C4436-01	Unknown	1.000	2	5	10	144
117	C4436-01D	Unknown	1.000	2	5	11	144
118	C4436-01LX5	Unknown	1.000	2	5	12	144
119	CCV85	Unknown	1.000	3	1	1	144
120	CCB85	Unknown	1.000	3	1	2	144
121	C4436-01S	Unknown	1.000	3	1	3	144
122	C4436-01SD	Unknown	1.000	3	1	4	144
123	C4436-01A	Unknown	1.000	3	1	5	144
124	C4368-15X2 MH30Y2	Unknown	1.000	3	1	6	144
125	C4368-16X2 MH30Y3	Unknown	1.000	3	1	7	144
126	C4368-17X2 MH30Y4	Unknown	1.000	3	1	8	144
127	C4368-18X2 MH30Y5	Unknown	1.000	3	1	9	144
128	C4368-19X2 MH30Y6	Unknown	1.000	3	1	10	144
129	C4369-15X2 MH3121	Unknown	1.000	3	1	11	144
130	C4369-16X2 MH3122	Unknown	1.000	3	1	12	144
131	CCV86	Unknown	1.000	3	2	1	144
132	CCB86	Unknown	1.000	3	2	2	144
133	C4369-17X2 MH3123	Unknown	1.000	3	2	3	144
134	C4369-18X2 MH3124	Unknown	1.000	3	2	4	144
135	C4369-19X2 MH3125	Unknown	1.000	3	2	5	144
136	C4368-15X50 MH30Y2	Unknown	1.000	3	2	6	144
137	C4368-16X50 MH30Y3	Unknown	1.000	3	2	7	144
138	C4368-17X50 MH30Y4	Unknown	1.000	3	2	8	144
139	C4368-18X50 MH30Y5	Unknown	1.000	3	2	9	144
140	C4368-19X50 MH30Y6	Unknown	1.000	3	2	10	144
141	CCV87	Unknown	1.000	3	2	11	144
142	CCB87	Unknown	1.000	3	2	12	144
143	C4369-15 MH3121	Unknown	1.000	3	3	1	144
144	C4369-16 MH3122	Unknown	1.000	3	3	2	144
145	C4369-17 MH3123	Unknown	1.000	3	3	3	144
146	C4369-18 MH3124	Unknown	1.000	3	3	4	144
147	C4369-19 MH3125	Unknown	1.000	3	3	5	144
148	C4369-15X25 MH3121	Unknown	1.000	3	3	6	144
149	C4369-16X25 MH3122	Unknown	1.000	3	3	7	144
150	C4369-17X25 MH3123	Unknown	1.000	3	3	8	144
151	C4369-18X25 MH3124	Unknown	1.000	3	3	9	144
152	C4369-19X25 MH3125	Unknown	1.000	3	3	10	144
153	CCV88	Unknown	1.000	3	3	11	144
154	CCB88	Unknown	1.000	3	3	12	144
155	C4368-12 MH30W8S	Unknown	1.000	3	4	1	144
156	C4369-12 MH3108S	Unknown	1.000	3	4	2	144
157	C4368-20X25 MH30Z6	Unknown	1.000	3	4	3	144
158	C4369-20X25 MH3135	Unknown	1.000	3	4	4	144
159	CCV89	Unknown	1.000	3	4	5	144
160	CCB89	Unknown	1.000	3	4	6	144
161	PB59037BL	Unknown	1.000	3	4	7	144
162	PB59037BS	Unknown	1.000	3	4	8	144
163	C4436-01	Unknown	1.000	3	4	9	144
164	C4436-01D	Unknown	1.000	3	4	10	144
165	C4436-01L	Unknown	1.000	3	4	11	144
166	C4436-01S	Unknown	1.000	3	4	12	144
167	C4436-01SD	Unknown	1.000	3	5	1	144
168	C4436-01A	Unknown	1.000	3	5	2	144

169	C4436-01SX10	Unknown	1.000	3	5	3	144
170	C4436-01SDX10	Unknown	1.000	3	5	4	144
171	CCV	Unknown	1.000	3	5	5	144
172	CCB	Unknown	1.000	3	5	6	144
173	C4436-02	Unknown	1.000	3	5	7	144
174	C4436-01AX10	Unknown	1.000	3	5	8	144
175	CCV	Unknown	1.000	3	5	9	144
176	CCB	Unknown	1.000	3	5	10	144

Fully Quant Calibration

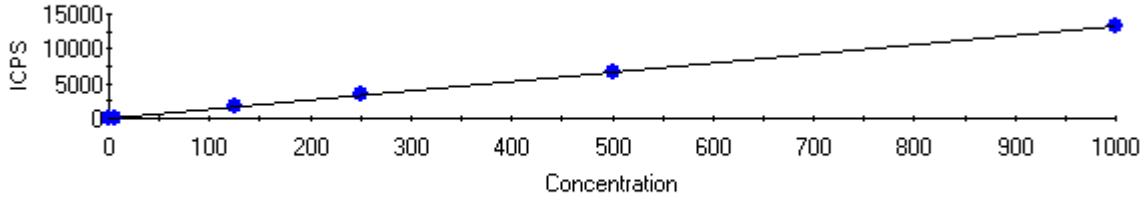
9Be FQ Block 1



Intercept CPS=40.231641 Intercept Conc=0.506452
Sensitivity=79.438182 Correlation Coeff=0.999970

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	-0.000	0.000	40.23	0.00
S1 (S)	1.000	1.062	0.062	124.59	6.20
S2 (S)	125.000	125.621	0.621	10019.35	0.50
S3 (S)	250.000	244.118	5.882	19432.52	2.35
S4 (S)	500.000	503.298	3.298	40021.30	0.66
S5 (S)	1000.000	999.744	0.256	79458.07	0.03

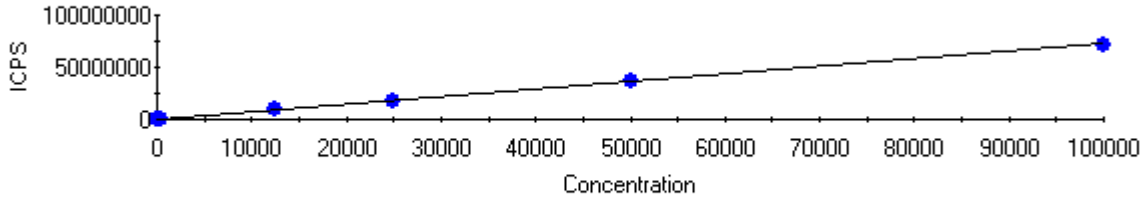
10B FQ Block 1



Intercept CPS=21.909310 Intercept Conc=1.657951
Sensitivity=13.214691 Correlation Coeff=0.999991

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	0.000	0.000	21.91	0.00
S1 (S)	5.000	4.813	0.187	85.52	3.73
S2 (S)	125.000	121.625	3.375	1629.14	2.70
S3 (S)	250.000	251.614	1.614	3346.91	0.65
S4 (S)	500.000	500.388	0.388	6634.39	0.08
S5 (S)	1000.000	999.825	0.175	13234.29	0.02

23Na FQ Block 1

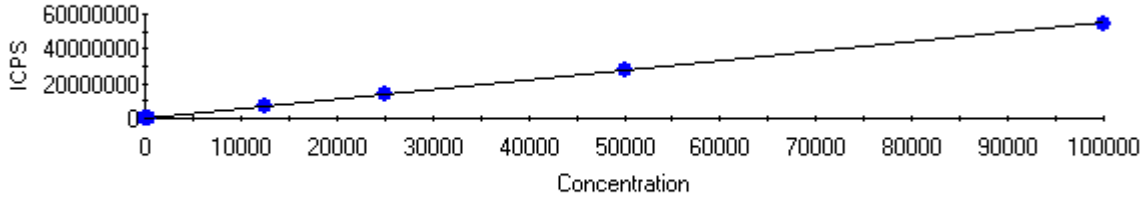


Intercept CPS=250384.919913 Intercept Conc=347.921191
Sensitivity=719.659872 Correlation Coeff=0.999996

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	0.000	0.000	250384.92	0.00
S1 (S)	500.000	504.597	4.597	613522.98	0.92

S2 (S)	12500.000	12653.249	153.249	9356420.19	1.23
S3 (S)	25000.000	24866.254	133.746	18145630.33	0.53
S4 (S)	50000.000	50005.853	5.853	36237590.83	0.01
S5 (S)	100000.000	99640.860	359.140	71957913.62	0.36

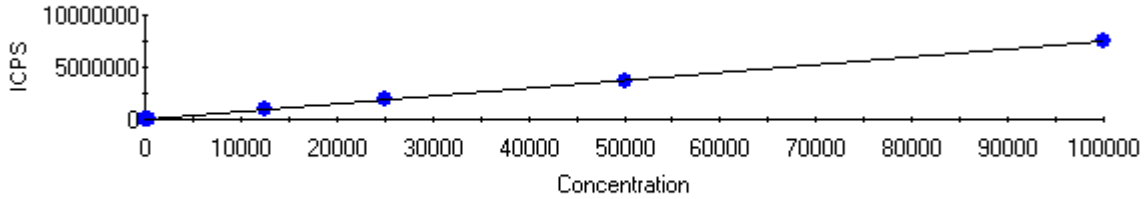
24Mg FQ Block 1



Intercept CPS=2387.244195 Intercept Conc=4.346305
Sensitivity=549.258295 Correlation Coeff=0.999994

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	0.000	0.000	2387.24	0.00
S1 (S)	500.000	505.424	5.424	279995.39	1.08
S2 (S)	12500.000	12607.365	107.365	6927086.90	0.86
S3 (S)	25000.000	24613.852	386.148	13521749.53	1.54
S4 (S)	50000.000	49673.425	326.575	27285927.99	0.65
S5 (S)	100000.000	99474.147	525.853	54639387.63	0.53

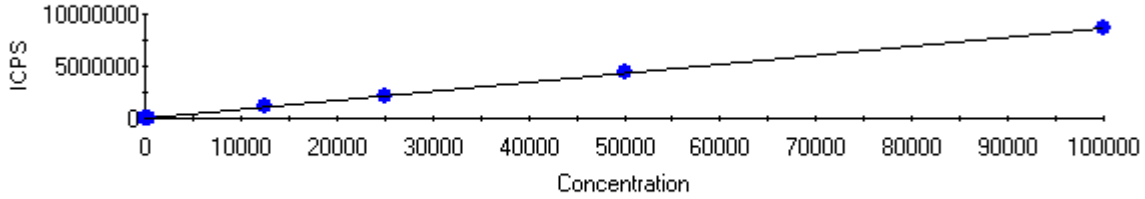
25Mg FQ Block 1



Intercept CPS=295.805860 Intercept Conc=3.971079
Sensitivity=74.490055 Correlation Coeff=0.999981

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	-0.000	0.000	295.81	0.00
S1 (S)	500.000	502.402	2.402	37719.79	0.48
S2 (S)	12500.000	12678.866	178.866	944745.20	1.43
S3 (S)	25000.000	24548.741	451.259	1828932.90	1.81
S4 (S)	50000.000	50216.555	216.555	3740929.72	0.43
S5 (S)	100000.000	99982.167	17.833	7447972.89	0.02

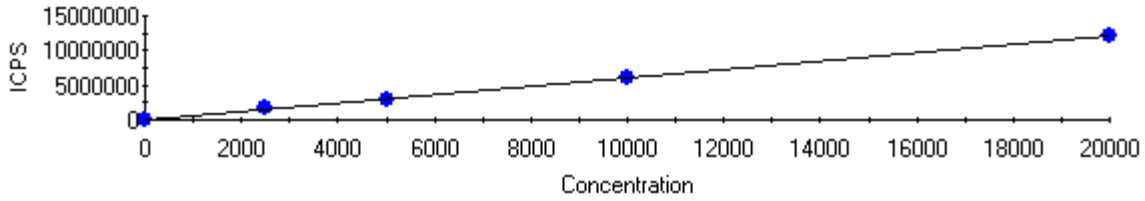
26Mg FQ Block 1



Intercept CPS=330.653802 Intercept Conc=3.805485
Sensitivity=86.888742 Correlation Coeff=0.999987

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	0.000	0.000	330.65	0.00
S1 (S)	500.000	511.515	11.515	44775.55	2.30
S2 (S)	12500.000	12724.769	224.769	1105969.83	1.80
S3 (S)	25000.000	24622.240	377.760	2139726.11	1.51
S4 (S)	50000.000	49963.826	36.174	4341624.65	0.07
S5 (S)	100000.000	100084.373	84.373	8696535.91	0.08

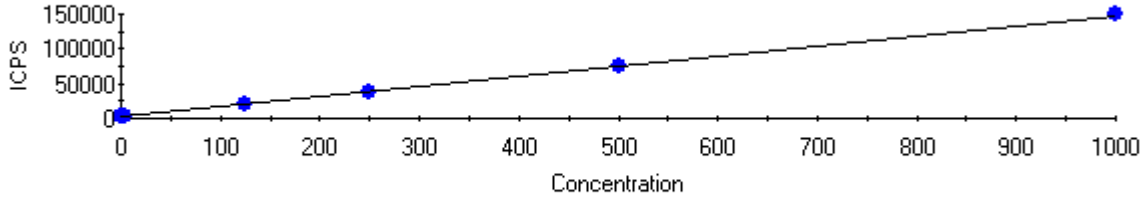
27Al FQ Block 1



Intercept CPS=1749.646655 Intercept Conc=2.870866
Sensitivity=609.448980 Correlation Coeff=0.999952

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	-0.000	0.000	1749.65	0.00
S1 (S)	20.000	23.112	3.112	15834.99	15.56
S2 (S)	2500.000	2633.229	133.229	1606568.61	5.33
S3 (S)	5000.000	4899.561	100.439	2987782.30	2.01
S4 (S)	10000.000	9979.064	20.936	6083479.84	0.21
S5 (S)	20000.000	20018.921	18.921	12202260.66	0.09

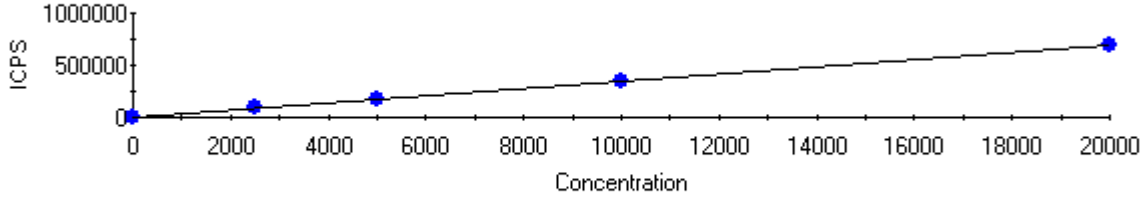
28Si FQ Block 1



Intercept CPS=2431.182107 Intercept Conc=16.705830
Sensitivity=145.528959 Correlation Coeff=0.999914

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	0.000	0.000	2431.18	0.00
S1 (S)	5.000	5.658	0.658	3254.56	13.16
S2 (S)	125.000	128.029	3.029	21063.12	2.42
S3 (S)	250.000	241.227	8.773	37536.66	3.51
S4 (S)	500.000	494.387	5.613	74378.82	1.12
S5 (S)	1000.000	1004.618	4.618	148632.17	0.46

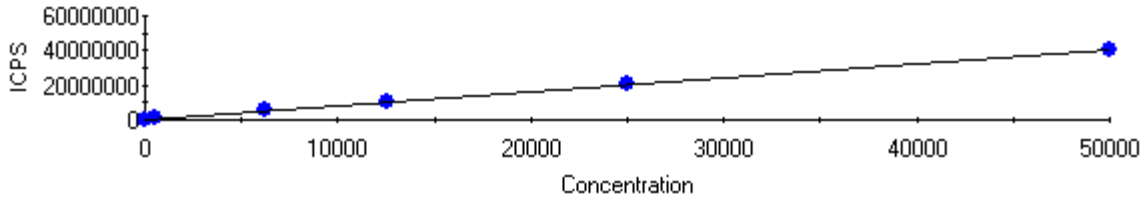
31P FQ Block 1



Intercept CPS=1944.667435 Intercept Conc=56.892967
Sensitivity=34.181157 Correlation Coeff=0.999993

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	0.000	0.000	1944.67	0.00
S1 (S)	0.000	0.604	0.604	1965.32	0.00
S2 (S)	2500.000	2526.181	26.181	88292.46	1.05
S3 (S)	5000.000	4939.377	60.623	170778.27	1.21
S4 (S)	10000.000	9998.115	1.885	343691.80	0.02
S5 (S)	20000.000	20012.826	12.826	686006.21	0.06

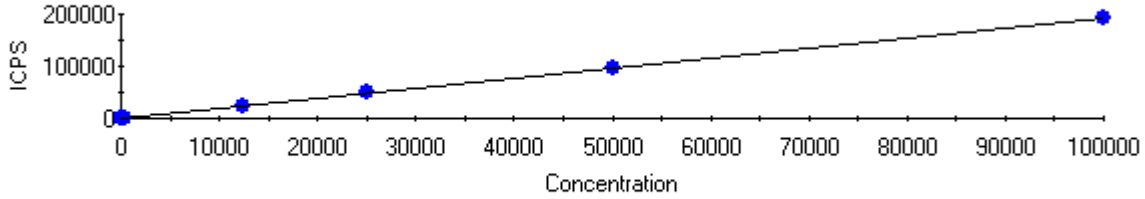
39K FQ Block 1



Intercept CPS=362704.244747 Intercept Conc=450.553820
Sensitivity=805.018688 Correlation Coeff=0.999991

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	-0.000	0.000	362704.24	0.00
S1 (S)	500.000	512.116	12.116	774966.86	2.42
S2 (S)	6250.000	6368.388	118.388	5489375.63	1.89
S3 (S)	12500.000	12434.642	65.358	10372823.14	0.52
S4 (S)	25000.000	25120.373	120.373	20585073.72	0.48
S5 (S)	50000.000	49941.234	58.766	40566330.55	0.12

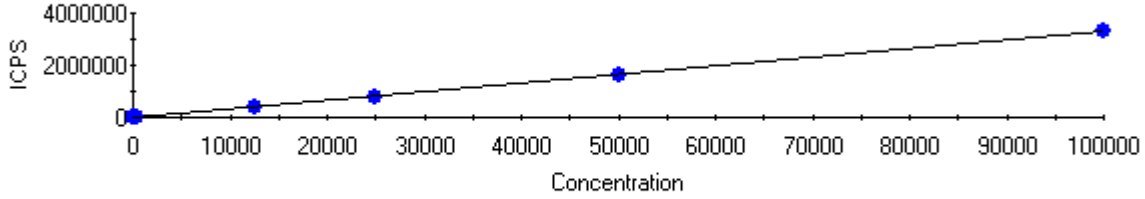
43Ca FQ Block 1



Intercept CPS=27.621021 Intercept Conc=14.315052
Sensitivity=1.929509 Correlation Coeff=0.999996

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	-0.000	0.000	27.62	0.00
S1 (S)	500.000	506.583	6.583	1005.08	1.32
S2 (S)	12500.000	12638.652	138.652	24414.01	1.11
S3 (S)	25000.000	25056.408	56.408	48374.19	0.23
S4 (S)	50000.000	50194.376	194.376	96878.12	0.39
S5 (S)	100000.000	99871.345	128.655	192730.28	0.13

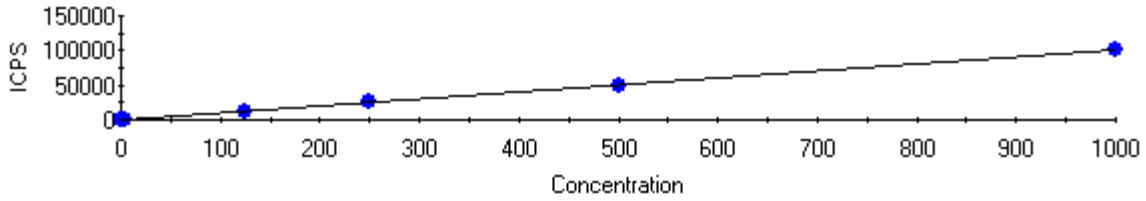
44Ca FQ Block 1



Intercept CPS=2246.008513 Intercept Conc=68.605690
Sensitivity=32.737934 Correlation Coeff=0.999789

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	-0.000	0.000	2246.01	0.00
S1 (S)	500.000	495.527	4.473	18468.52	0.89
S2 (S)	12500.000	12469.882	30.118	410484.19	0.24
S3 (S)	25000.000	24148.922	851.078	792831.83	3.40
S4 (S)	50000.000	48542.277	1457.723	1591419.85	2.92
S5 (S)	100000.000	100945.418	945.418	3306990.40	0.95

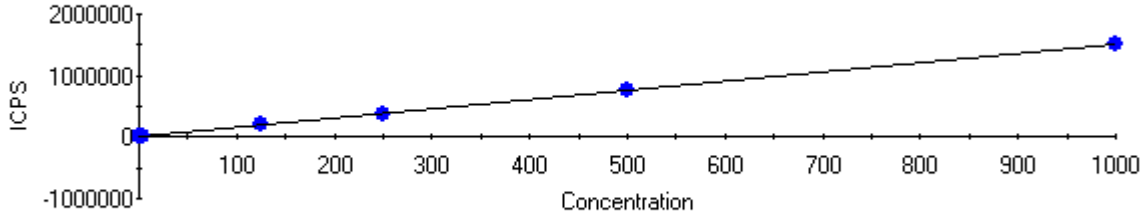
47Ti FQ Block 1



Intercept CPS=24.982405 Intercept Conc=0.247471
Sensitivity=100.950713 Correlation Coeff=0.999990

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	0.000	0.000	24.98	0.00
S1 (S)	5.000	4.737	0.263	503.23	5.25
S2 (S)	125.000	127.001	2.001	12845.85	1.60
S3 (S)	250.000	249.281	0.719	25190.12	0.29
S4 (S)	500.000	497.074	2.926	50204.93	0.59
S5 (S)	1000.000	1001.394	1.394	101116.41	0.14

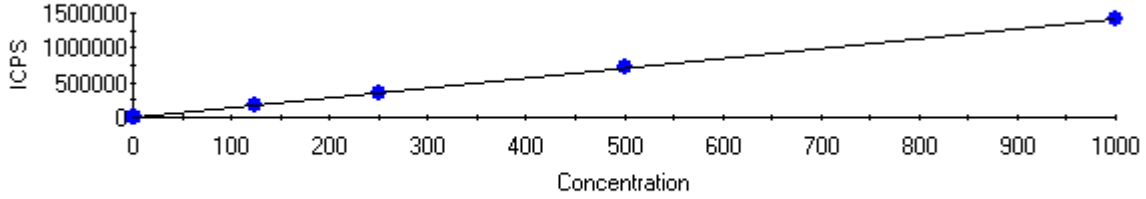
51V FQ Block 1



Intercept CPS=110.304918 Intercept Conc=0.072333
Sensitivity=1524.959446 Correlation Coeff=0.999989

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	-0.000	0.000	110.30	0.00
S1 (S)	5.000	4.750	0.250	7354.11	5.00
S2 (S)	125.000	126.271	1.271	192668.73	1.02
S3 (S)	250.000	246.214	3.786	375575.97	1.51
S4 (S)	500.000	499.064	0.936	761162.97	0.19
S5 (S)	1000.000	1001.257	1.257	1526986.42	0.13

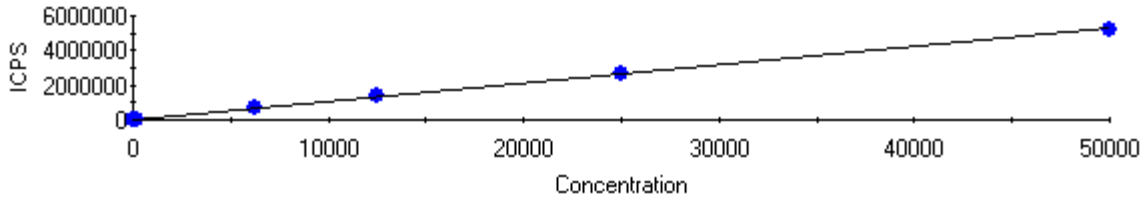
52Cr FQ Block 1



Intercept CPS=871.123116 Intercept Conc=0.611232
Sensitivity=1425.193168 Correlation Coeff=0.999989

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	-0.000	0.000	871.12	0.00
S1 (S)	2.000	2.225	0.225	4042.32	11.25
S2 (S)	125.000	127.954	2.954	183230.29	2.36
S3 (S)	250.000	247.233	2.767	353225.74	1.11
S4 (S)	500.000	500.226	0.226	713789.60	0.05
S5 (S)	1000.000	1000.209	0.209	1426362.37	0.02

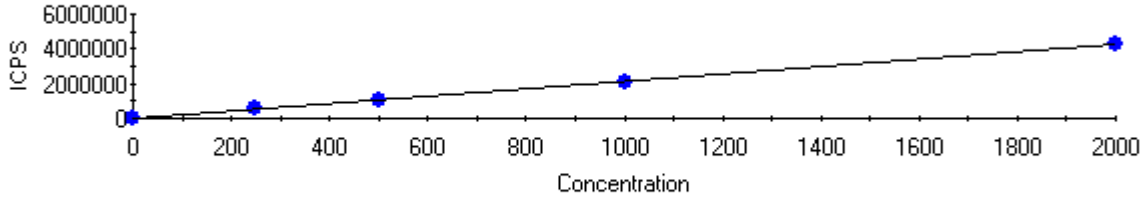
54Fe FQ Block 1



Intercept CPS=7503.648189 Intercept Conc=71.517535
Sensitivity=104.920397 Correlation Coeff=0.999970

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	0.000	0.000	7503.65	0.00
S1 (S)	200.000	207.331	7.331	29256.86	3.67
S2 (S)	6250.000	6554.350	304.350	695188.66	4.87
S3 (S)	12500.000	12717.768	217.768	1341856.94	1.74
S4 (S)	25000.000	25136.477	136.477	2644832.78	0.55
S5 (S)	50000.000	49839.246	160.754	5236657.18	0.32

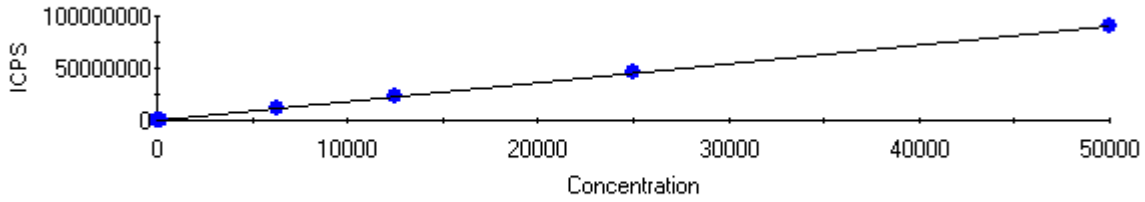
55Mn FQ Block 1



Intercept CPS=626.225831 Intercept Conc=0.297403
Sensitivity=2105.646952 Correlation Coeff=0.999989

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	-0.000	0.000	626.23	0.00
S1 (S)	1.000	1.136	0.136	3017.36	13.56
S2 (S)	250.000	254.196	4.196	535872.32	1.68
S3 (S)	500.000	493.481	6.519	1039723.41	1.30
S4 (S)	1000.000	998.778	1.222	2103699.50	0.12
S5 (S)	2000.000	2001.716	1.716	4215534.10	0.09

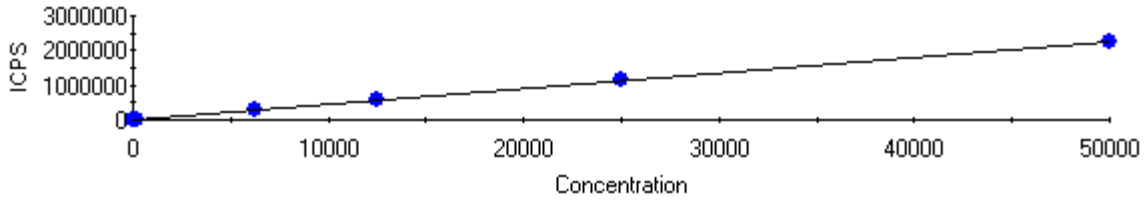
56Fe FQ Block 1



Intercept CPS=132688.627330 Intercept Conc=73.168531
Sensitivity=1813.465774 Correlation Coeff=0.999993

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	-0.000	0.000	132688.63	0.00
S1 (S)	200.000	210.796	10.796	514959.69	5.40
S2 (S)	6250.000	6379.486	129.486	11701668.70	2.07
S3 (S)	12500.000	12398.365	101.635	22616698.74	0.81
S4 (S)	25000.000	24987.268	12.732	45446243.70	0.05
S5 (S)	50000.000	50015.546	15.546	90834169.27	0.03

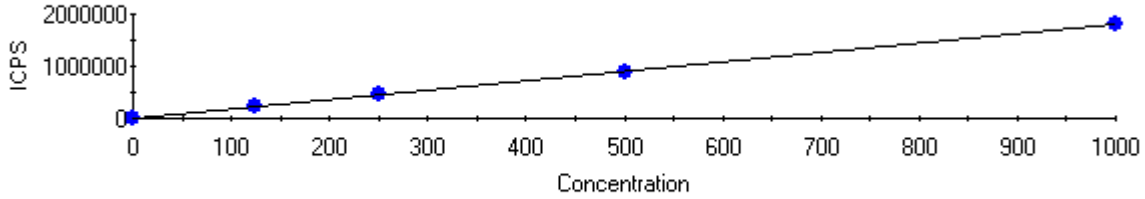
57Fe FQ Block 1



Intercept CPS=4034.411024 Intercept Conc=88.951359
Sensitivity=45.355249 Correlation Coeff=0.999972

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	0.000	0.000	4034.41	0.00
S1 (S)	200.000	208.740	8.740	13501.86	4.37
S2 (S)	6250.000	6442.878	192.878	296252.74	3.09
S3 (S)	12500.000	12546.104	46.104	573066.06	0.37
S4 (S)	25000.000	25267.504	267.504	1150048.35	1.07
S5 (S)	50000.000	49830.577	169.423	2264112.66	0.34

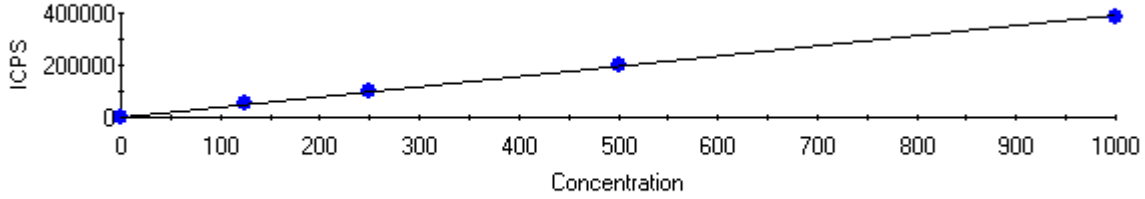
59Co FQ Block 1



Intercept CPS=54.137256 Intercept Conc=0.030190
Sensitivity=1793.233880 Correlation Coeff=0.999988

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	0.000	0.000	54.14	0.00
S1 (S)	1.000	1.073	0.073	1978.86	7.33
S2 (S)	125.000	127.855	2.855	229328.56	2.28
S3 (S)	250.000	247.858	2.142	444520.85	0.86
S4 (S)	500.000	502.409	2.409	900990.84	0.48
S5 (S)	1000.000	998.974	1.026	1791448.42	0.10

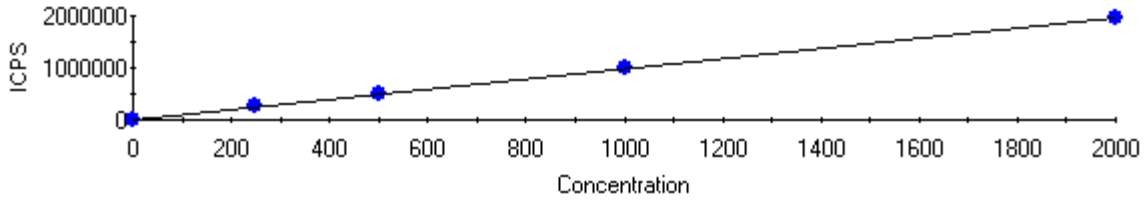
60Ni FQ Block 1



Intercept CPS=183.222160 Intercept Conc=0.471084
Sensitivity=388.937334 Correlation Coeff=0.999981

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	0.000	0.000	183.22	0.00
S1 (S)	1.000	1.191	0.191	646.41	19.09
S2 (S)	125.000	128.493	3.493	50158.93	2.79
S3 (S)	250.000	248.558	1.442	96856.66	0.58
S4 (S)	500.000	503.912	3.912	196173.40	0.78
S5 (S)	1000.000	997.968	2.032	388330.13	0.20

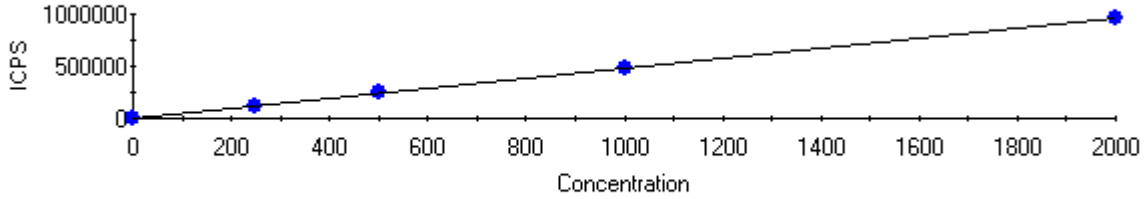
63Cu FQ Block 1



Intercept CPS=339.898131 Intercept Conc=0.345204
Sensitivity=984.630144 Correlation Coeff=0.999979

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	0.000	0.000	339.90	0.00
S1 (S)	2.000	2.233	0.233	2538.17	11.63
S2 (S)	250.000	258.354	8.354	254722.79	3.34
S3 (S)	500.000	498.621	1.379	491297.43	0.28
S4 (S)	1000.000	1007.831	7.831	992680.87	0.78
S5 (S)	2000.000	1995.385	4.615	1965055.76	0.23

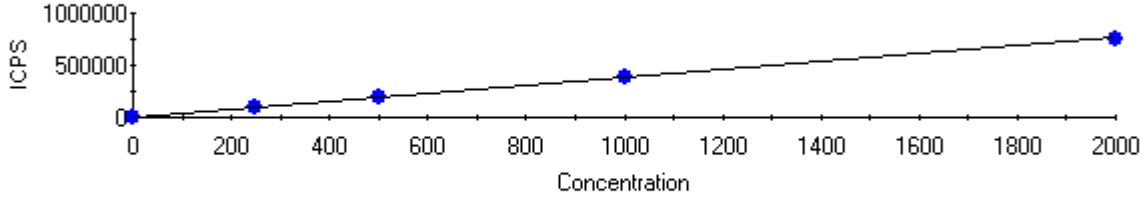
65Cu FQ Block 1



Intercept CPS=141.058748 Intercept Conc=0.293300
Sensitivity=480.936350 Correlation Coeff=0.999973

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	0.000	0.000	141.06	0.00
S1 (S)	2.000	2.283	0.283	1238.80	14.13
S2 (S)	250.000	258.203	8.203	124320.19	3.28
S3 (S)	500.000	502.880	2.880	241994.55	0.58
S4 (S)	1000.000	1010.030	10.030	485901.06	1.00
S5 (S)	2000.000	1993.239	6.761	958762.34	0.34

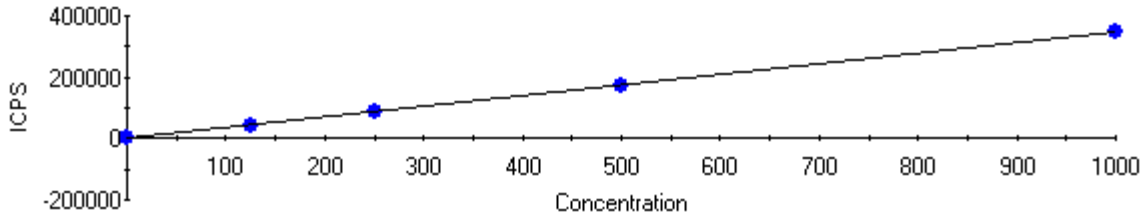
66Zn FQ Block 1



Intercept CPS=115.695581 Intercept Conc=0.304462
Sensitivity=380.000495 Correlation Coeff=0.999981

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	-0.000	0.000	115.70	0.00
S1 (S)	2.000	2.310	0.310	993.49	15.50
S2 (S)	250.000	257.463	7.463	97951.59	2.99
S3 (S)	500.000	499.926	0.074	190087.68	0.01
S4 (S)	1000.000	1008.069	8.069	383182.58	0.81
S5 (S)	2000.000	1995.051	4.949	758235.97	0.25

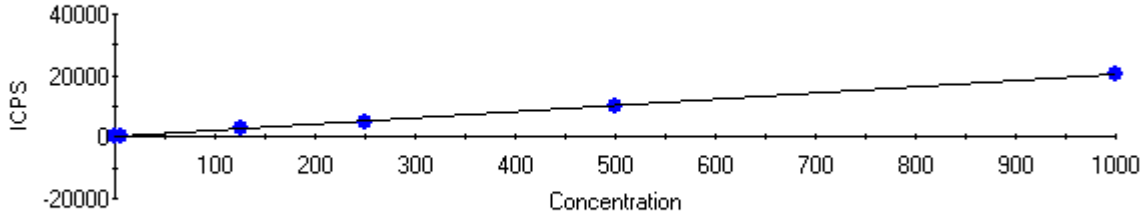
75As FQ Block 1



Intercept CPS=13.639239 Intercept Conc=0.039083
Sensitivity=348.983636 Correlation Coeff=0.999972

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	0.000	0.000	13.64	0.00
S1 (S)	1.000	1.118	0.118	403.84	11.81
S2 (S)	125.000	124.867	0.133	43590.26	0.11
S3 (S)	250.000	244.480	5.520	85333.30	2.21
S4 (S)	500.000	496.524	3.476	173292.49	0.70
S5 (S)	1000.000	1003.134	3.134	350091.07	0.31

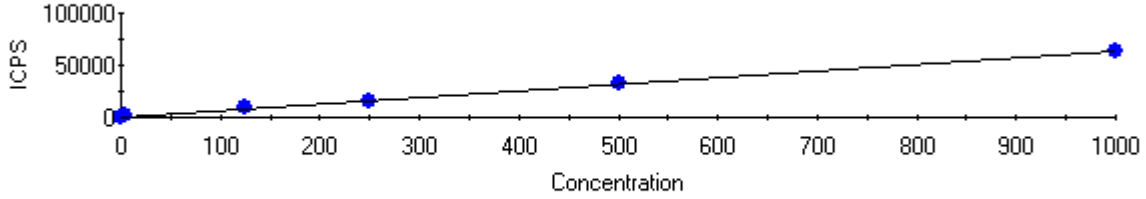
77Se FQ Block 1



Intercept CPS=1.318152 Intercept Conc=0.064061
Sensitivity=20.576551 Correlation Coeff=0.999953

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	0.000	0.000	1.32	0.00
S1 (S)	5.000	5.171	0.171	107.73	3.43
S2 (S)	125.000	125.563	0.563	2584.96	0.45
S3 (S)	250.000	242.459	7.541	4990.29	3.02
S4 (S)	500.000	496.402	3.598	10215.55	0.72
S5 (S)	1000.000	1003.613	3.613	20652.22	0.36

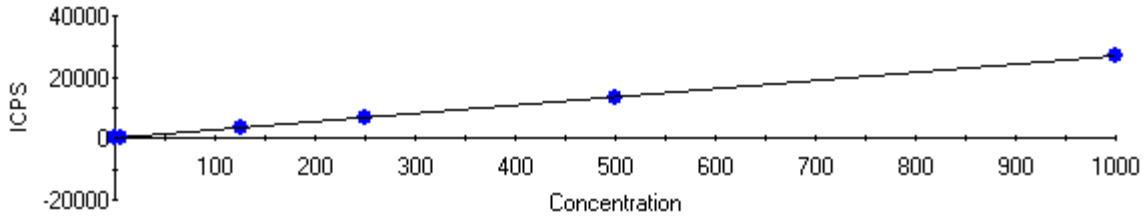
78Se FQ Block 1



Intercept CPS=886.947795 Intercept Conc=14.102101
Sensitivity=62.894726 Correlation Coeff=0.999982

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	-0.000	0.000	886.95	0.00
S1 (S)	5.000	4.368	0.632	1161.69	12.64
S2 (S)	125.000	125.358	0.358	8771.29	0.29
S3 (S)	250.000	244.661	5.339	16274.86	2.14
S4 (S)	500.000	500.948	0.948	32393.94	0.19
S5 (S)	1000.000	1000.819	0.819	63833.18	0.08

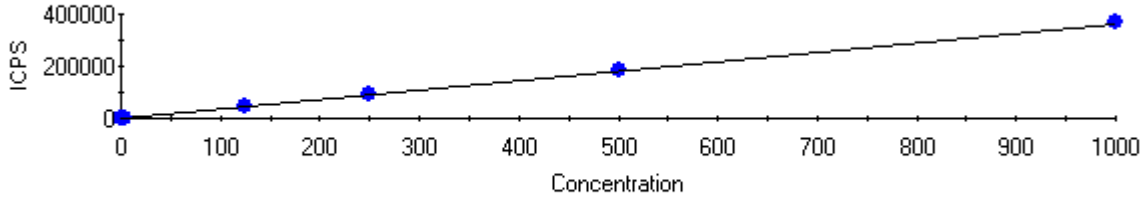
82Se FQ Block 1



Intercept CPS=1.710873 Intercept Conc=0.063773
Sensitivity=26.827406 Correlation Coeff=0.999949

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	-0.000	0.000	1.71	0.00
S1 (S)	5.000	5.155	0.155	140.01	3.10
S2 (S)	125.000	125.208	0.208	3360.72	0.17
S3 (S)	250.000	241.988	8.012	6493.61	3.20
S4 (S)	500.000	496.232	3.768	13314.32	0.75
S5 (S)	1000.000	1003.860	3.860	26932.68	0.39

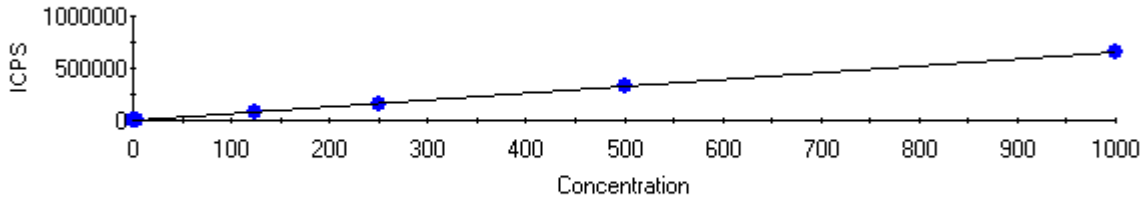
94Mo FQ Block 1



Intercept CPS=34.921677 Intercept Conc=0.095669
Sensitivity=365.025454 Correlation Coeff=0.999984

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	-0.000	0.000	34.92	0.00
S1 (S)	5.000	4.668	0.332	1738.88	6.64
S2 (S)	125.000	125.258	0.258	45757.28	0.21
S3 (S)	250.000	244.795	5.205	89391.30	2.08
S4 (S)	500.000	500.254	0.254	182640.54	0.05
S5 (S)	1000.000	1001.143	1.143	365477.76	0.11

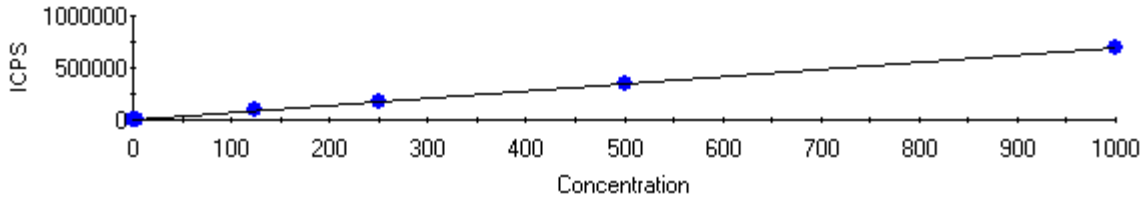
95Mo FQ Block 1



Intercept CPS=42.140808 Intercept Conc=0.065215
Sensitivity=646.187644 Correlation Coeff=0.999978

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	0.000	0.000	42.14	0.00
S1 (S)	5.000	4.784	0.216	3133.57	4.32
S2 (S)	125.000	124.162	0.838	80274.33	0.67
S3 (S)	250.000	244.530	5.470	158054.10	2.19
S4 (S)	500.000	497.395	2.605	321452.59	0.52
S5 (S)	1000.000	1002.776	2.776	648023.57	0.28

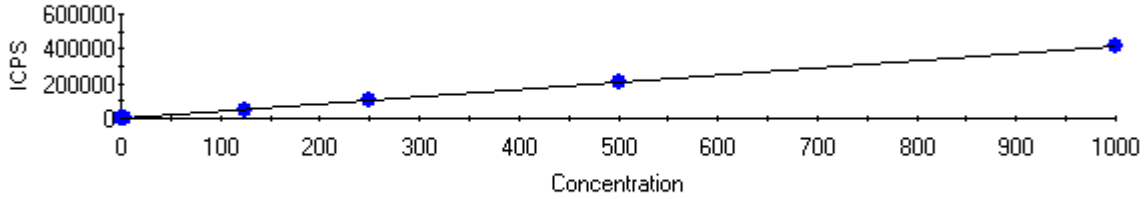
96Mo FQ Block 1



Intercept CPS=43.280010 Intercept Conc=0.061917
Sensitivity=699.003633 Correlation Coeff=0.999984

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	-0.000	0.000	43.28	0.00
S1 (S)	5.000	4.740	0.260	3356.34	5.21
S2 (S)	125.000	124.373	0.627	86980.33	0.50
S3 (S)	250.000	244.882	5.118	171216.96	2.05
S4 (S)	500.000	498.567	1.433	348543.16	0.29
S5 (S)	1000.000	1002.076	2.076	700497.90	0.21

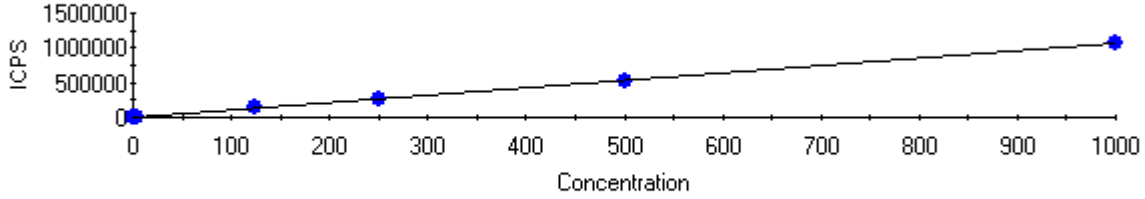
97Mo FQ Block 1



Intercept CPS=25.518614 Intercept Conc=0.061530
Sensitivity=414.737010 Correlation Coeff=0.999991

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	-0.000	0.000	25.52	0.00
S1 (S)	5.000	4.807	0.193	2019.22	3.86
S2 (S)	125.000	124.347	0.653	51596.87	0.52
S3 (S)	250.000	246.021	3.979	102059.43	1.59
S4 (S)	500.000	500.384	0.384	207553.37	0.08
S5 (S)	1000.000	1000.885	0.885	415129.69	0.09

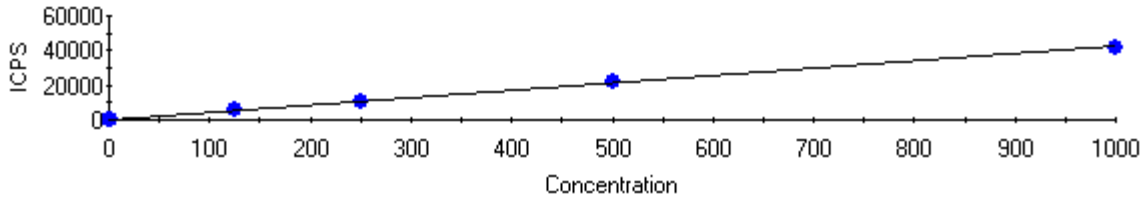
98Mo FQ Block 1



Intercept CPS=65.667697 Intercept Conc=0.061479
Sensitivity=1068.128596 Correlation Coeff=0.999981

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	0.000	0.000	65.67	0.00
S1 (S)	5.000	4.685	0.315	5069.95	6.30
S2 (S)	125.000	123.714	1.286	132207.80	1.03
S3 (S)	250.000	244.857	5.143	261604.41	2.06
S4 (S)	500.000	497.709	2.291	531682.92	0.46
S5 (S)	1000.000	1002.594	2.594	1070964.56	0.26

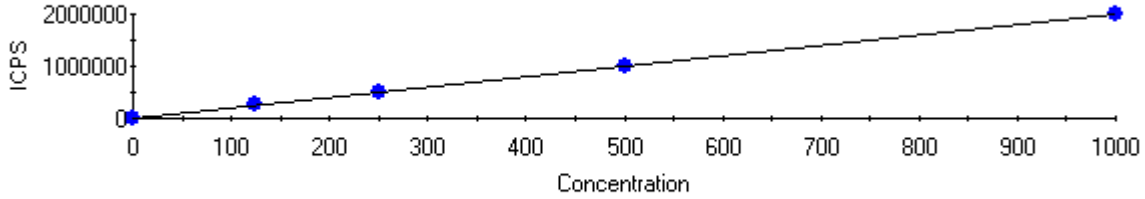
106Cd FQ Block 1



Intercept CPS=263.516384 Intercept Conc=6.281524
Sensitivity=41.951030 Correlation Coeff=0.999968

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	-0.000	0.000	263.52	0.00
S1 (S)	1.000	0.900	0.100	301.28	9.99
S2 (S)	125.000	127.822	2.822	5625.78	2.26
S3 (S)	250.000	250.658	0.658	10778.89	0.26
S4 (S)	500.000	506.056	6.056	21493.08	1.21
S5 (S)	1000.000	996.455	3.545	42065.83	0.35

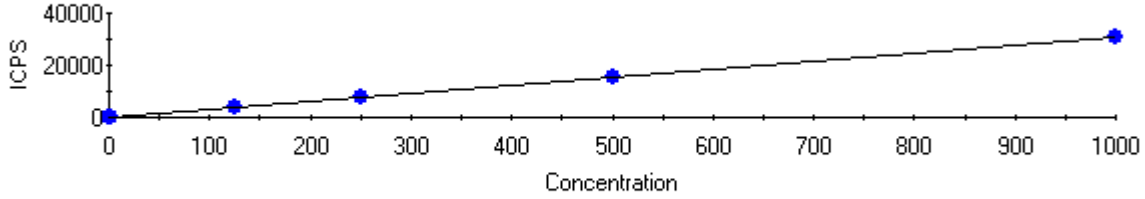
107Ag FQ Block 1



Intercept CPS=11.482228 Intercept Conc=0.005770
Sensitivity=1990.150110 Correlation Coeff=0.999989

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	0.000	0.000	11.48	0.00
S1 (S)	1.000	1.018	0.018	2037.54	1.80
S2 (S)	125.000	127.549	2.549	253853.05	2.04
S3 (S)	250.000	250.496	0.496	498536.97	0.20
S4 (S)	500.000	503.343	3.343	1001738.92	0.67
S5 (S)	1000.000	997.886	2.114	1985954.27	0.21

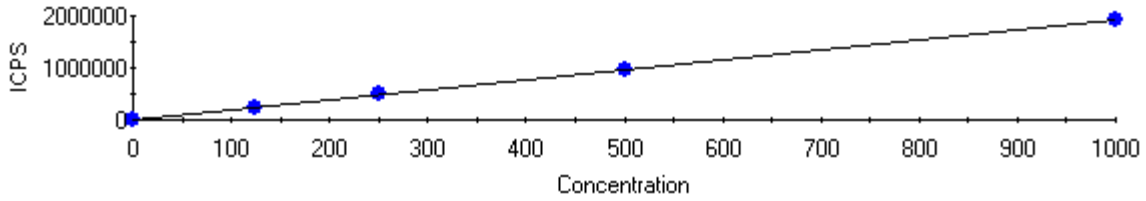
108Cd FQ Block 1



Intercept CPS=192.366983 Intercept Conc=6.285290
Sensitivity=30.605904 Correlation Coeff=0.999967

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	-0.000	0.000	192.37	0.00
S1 (S)	1.000	0.904	0.096	220.03	9.63
S2 (S)	125.000	127.898	2.898	4106.79	2.32
S3 (S)	250.000	250.697	0.697	7865.19	0.28
S4 (S)	500.000	506.102	6.102	15682.09	1.22
S5 (S)	1000.000	996.412	3.588	30688.47	0.36

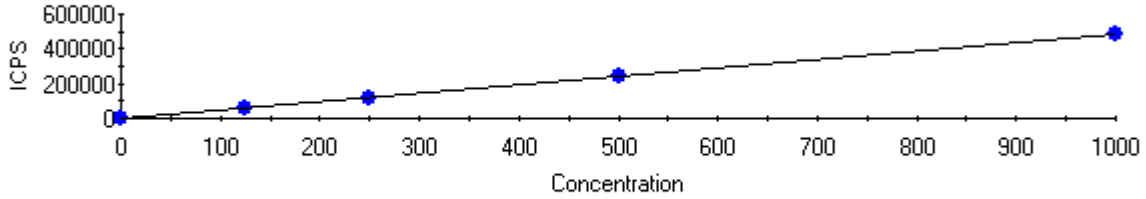
109Ag FQ Block 1



Intercept CPS=5.736317 Intercept Conc=0.002961
Sensitivity=1937.137670 Correlation Coeff=0.999984

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	0.000	0.000	5.74	0.00
S1 (S)	1.000	1.039	0.039	2018.67	3.91
S2 (S)	125.000	127.613	2.613	247209.63	2.09
S3 (S)	250.000	248.899	1.101	482157.22	0.44
S4 (S)	500.000	503.974	3.974	976272.47	0.79
S5 (S)	1000.000	997.962	2.038	1933194.90	0.20

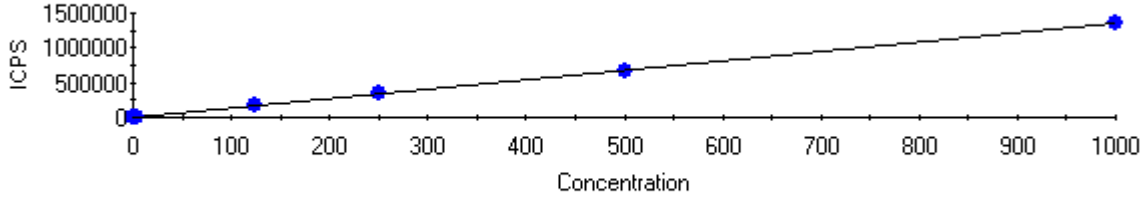
111Cd FQ Block 1



Intercept CPS=155.975733 Intercept Conc=0.324763
Sensitivity=480.275577 Correlation Coeff=0.999980

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	-0.000	0.000	155.98	0.00
S1 (S)	1.000	1.053	0.053	661.60	5.28
S2 (S)	125.000	127.535	2.535	61407.74	2.03
S3 (S)	250.000	248.511	1.489	119509.54	0.60
S4 (S)	500.000	504.396	4.396	242405.05	0.88
S5 (S)	1000.000	997.857	2.143	479402.55	0.21

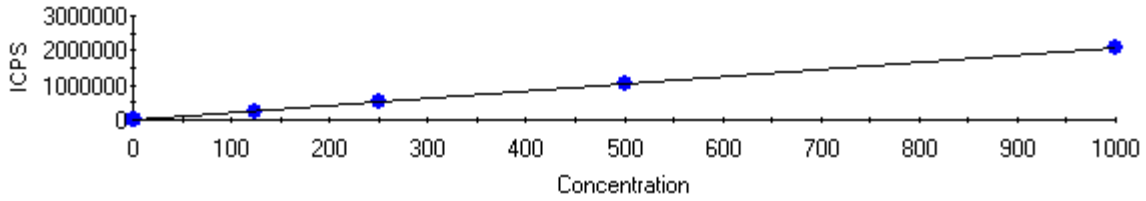
118Sn FQ Block 1



Intercept CPS=67.704487 Intercept Conc=0.050412
Sensitivity=1343.032567 Correlation Coeff=0.999995

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	0.000	0.000	67.70	0.00
S1 (S)	5.000	4.813	0.187	6531.79	3.74
S2 (S)	125.000	125.248	0.248	168280.28	0.20
S3 (S)	250.000	247.174	2.826	332029.83	1.13
S4 (S)	500.000	499.323	0.677	670675.01	0.14
S5 (S)	1000.000	1001.015	1.015	1344463.33	0.10

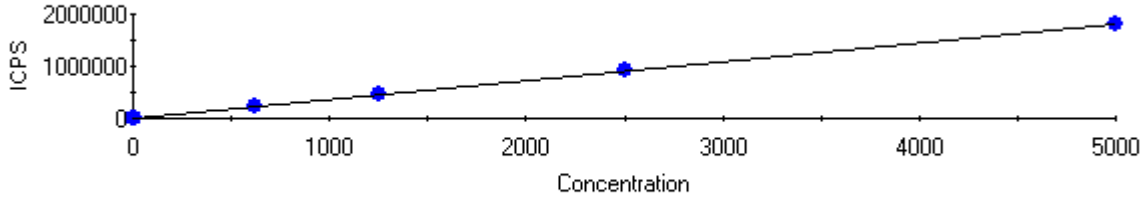
121Sb FQ Block 1



Intercept CPS=61.453584 Intercept Conc=0.029856
Sensitivity=2058.307203 Correlation Coeff=0.999992

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	-0.000	0.000	61.45	0.00
S1 (S)	2.000	1.979	0.021	4135.07	1.04
S2 (S)	125.000	124.967	0.033	257281.51	0.03
S3 (S)	250.000	247.487	2.513	509465.79	1.01
S4 (S)	500.000	497.634	2.366	1024345.62	0.47
S5 (S)	1000.000	1001.815	1.815	2062105.12	0.18

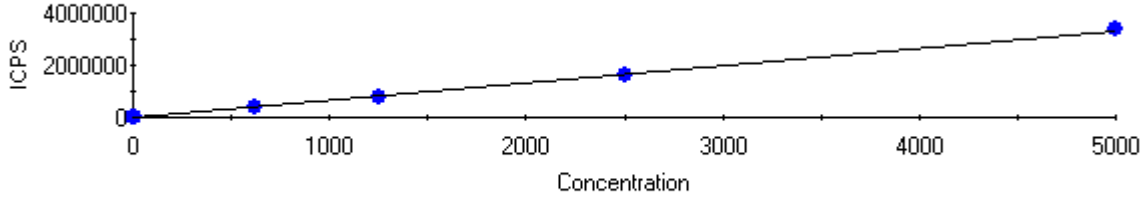
135Ba FQ Block 1



Intercept CPS=3.134218 Intercept Conc=0.008653
Sensitivity=362.232556 Correlation Coeff=0.999991

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	-0.000	0.000	3.13	0.00
S1 (S)	10.000	10.067	0.067	3649.88	0.67
S2 (S)	625.000	629.741	4.741	228115.81	0.76
S3 (S)	1250.000	1234.829	15.171	447298.26	1.21
S4 (S)	2500.000	2509.300	9.300	908953.47	0.37
S5 (S)	5000.000	4998.550	1.450	1810640.62	0.03

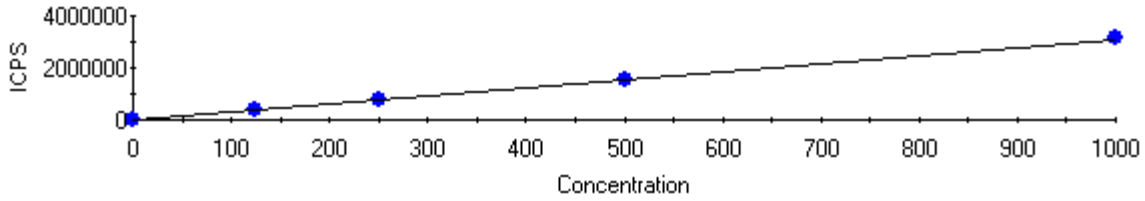
137Ba FQ Block 1



Intercept CPS=4.169209 Intercept Conc=0.006290
Sensitivity=662.793894 Correlation Coeff=0.999764

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	0.000	0.000	4.17	0.00
S1 (S)	10.000	9.601	0.399	6367.80	3.99
S2 (S)	625.000	610.519	14.481	404652.47	2.32
S3 (S)	1250.000	1198.844	51.156	794590.42	4.09
S4 (S)	2500.000	2424.623	75.377	1607029.17	3.02
S5 (S)	5000.000	5052.289	52.289	3348630.30	1.05

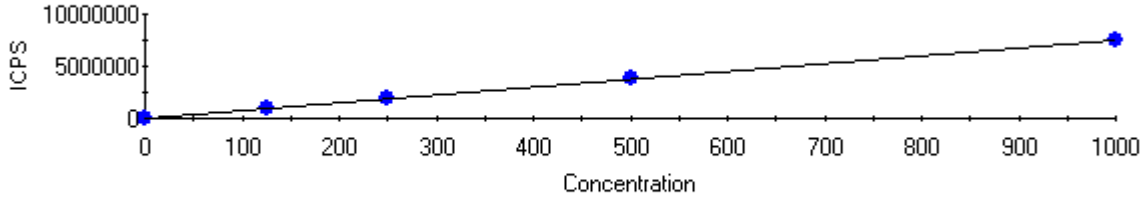
203Tl FQ Block 1



Intercept CPS=81.263896 Intercept Conc=0.026193
Sensitivity=3102.491533 Correlation Coeff=0.999955

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	0.000	0.000	81.26	0.00
S1 (S)	1.000	1.069	0.069	3397.86	6.90
S2 (S)	125.000	125.512	0.512	389479.68	0.41
S3 (S)	250.000	244.939	5.061	760001.75	2.02
S4 (S)	500.000	494.009	5.991	1532739.37	1.20
S5 (S)	1000.000	1004.197	4.197	3115593.64	0.42

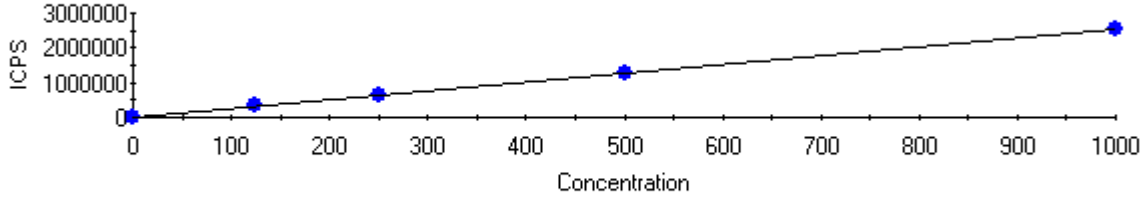
205Tl FQ Block 1



Intercept CPS=179.147568 Intercept Conc=0.023795
Sensitivity=7528.705640 Correlation Coeff=0.999976

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	0.000	0.000	179.15	0.00
S1 (S)	1.000	1.069	0.069	8229.57	6.93
S2 (S)	125.000	125.118	0.118	942158.36	0.09
S3 (S)	250.000	243.688	6.312	1834838.12	2.52
S4 (S)	500.000	500.317	0.317	3766918.96	0.06
S5 (S)	1000.000	1001.404	1.404	7539458.75	0.14

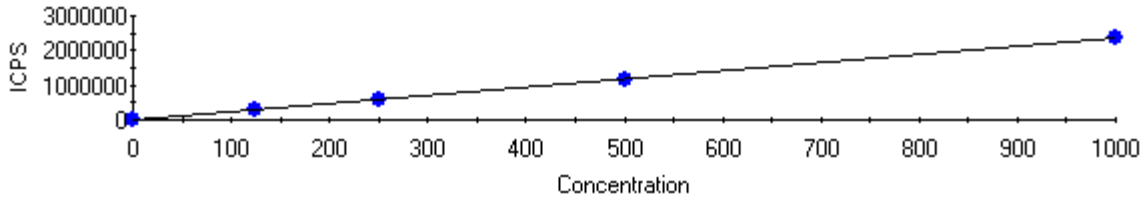
206Pb FQ Block 1



Intercept CPS=40.086214 Intercept Conc=0.015875
Sensitivity=2525.041342 Correlation Coeff=0.999988

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	0.000	0.000	40.09	0.00
S1 (S)	1.000	1.041	0.041	2669.72	4.14
S2 (S)	125.000	126.605	1.605	319723.99	1.28
S3 (S)	250.000	246.697	3.303	622960.62	1.32
S4 (S)	500.000	498.359	1.641	1258417.81	0.33
S5 (S)	1000.000	1001.445	1.445	2528731.03	0.14

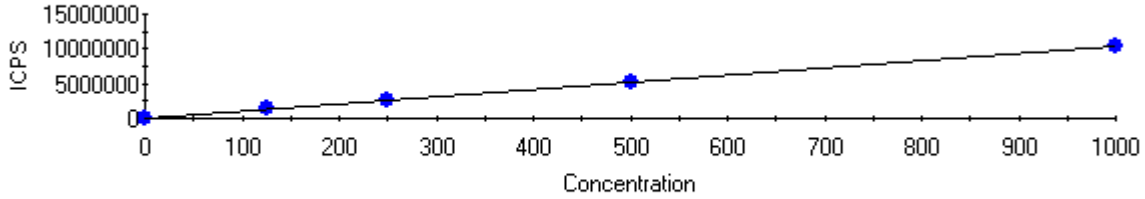
207Pb FQ Block 1



Intercept CPS=38.544160 Intercept Conc=0.016488
Sensitivity=2337.743998 Correlation Coeff=0.999993

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	0.000	0.000	38.54	0.00
S1 (S)	1.000	1.053	0.053	2500.50	5.31
S2 (S)	125.000	126.857	1.857	296597.52	1.49
S3 (S)	250.000	247.797	2.203	579324.16	0.88
S4 (S)	500.000	499.070	0.930	1166736.11	0.19
S5 (S)	1000.000	1000.784	0.784	2339614.61	0.08

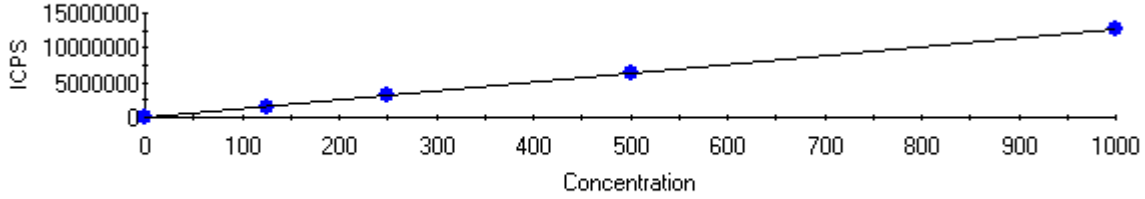
208Pb FQ Block 1



Intercept CPS=167.711851 Intercept Conc=0.016173
Sensitivity=10369.914026 Correlation Coeff=0.999982

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	0.000	0.000	167.71	0.00
S1 (S)	1.000	1.027	0.027	10813.58	2.66
S2 (S)	125.000	126.304	1.304	1309925.32	1.04
S3 (S)	250.000	245.879	4.121	2549909.23	1.65
S4 (S)	500.000	497.540	2.460	5159617.41	0.49
S5 (S)	1000.000	1002.097	2.097	10391829.57	0.21

238U FQ Block 1



Intercept CPS=32.316162 Intercept Conc=0.002542
Sensitivity=12713.659431 Correlation Coeff=0.999973

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	-0.000	0.000	32.32	0.00
S1 (S)	1.000	1.006	0.006	12817.66	0.56
S2 (S)	125.000	124.724	0.276	1585731.75	0.22
S3 (S)	250.000	244.149	5.851	3104057.68	2.34
S4 (S)	500.000	497.186	2.814	6321088.31	0.56
S5 (S)	1000.000	1002.904	2.904	12750614.41	0.29

Dilution Corrected Concentrations

S0 (S0) 11/08/2011 06:08:49 PM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:09:56	98%	-0.047	0.144	0.000	2.502	-0.076	0.010	-0.064	-0.126
2	18:11:04	100%	-0.036	0.347	0.000	-1.101	-0.102	-0.253	-0.207	0.139
3	18:12:12	101%	0.082	-0.491	0.000	-1.401	0.178	0.243	0.271	-0.013
x		100%	-0.000	0.000	0.000	0.000	0.000	-0.000	0.000	-0.000
σ		2%	0.072	0.437	0.000	2.172	0.155	0.248	0.245	0.133
%RSD		2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:09:56	-0.407	-1.014	0.000	0.000	6.533	1.276	-0.122	99%	-0.028
2	18:11:04	0.739	0.066	0.000	0.000	-1.658	0.174	2.650	101%	0.029
3	18:12:12	-0.331	0.948	0.000	0.000	-4.875	-1.450	-2.528	101%	-0.002
x		0.000	0.000	0.000	0.000	-0.000	-0.000	-0.000	100%	0.000
σ		0.641	0.982	0.000	0.000	5.882	1.372	2.591	1%	0.029
%RSD		0.000	0.000	0.000	0.000	0.000	0.000	0.000	1	0.000

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:09:56	0.036	0.028	0.014	1.261	0.014	1.056	-0.044	-0.002	-0.048
2	18:11:04	-0.103	0.005	0.089	0.257	-0.016	-0.649	-0.580	-0.005	0.009
3	18:12:12	0.067	-0.033	-0.103	-1.518	0.002	-0.407	0.623	0.007	0.040
x		-0.000	-0.000	0.000	0.000	-0.000	-0.000	0.000	0.000	0.000
σ		0.091	0.031	0.096	1.407	0.015	0.922	0.603	0.006	0.045
%RSD		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:09:56	-0.035	-0.034	0.028	0.065	0.092	-0.007	-0.230	0.092	-0.037
2	18:11:04	0.001	0.017	0.011	-0.023	-0.104	-0.001	0.153	-0.104	-0.239
3	18:12:12	0.035	0.016	-0.039	-0.042	0.012	0.009	0.077	0.012	0.275
x		0.000	0.000	-0.000	0.000	0.000	-0.000	-0.000	-0.000	0.000
σ		0.035	0.029	0.035	0.058	0.099	0.008	0.203	0.098	0.259
%RSD		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:09:56	0.008	-0.007	0.010	-0.012	0.009	0.000	99%	-0.056	0.002
2	18:11:04	0.011	-0.014	0.007	0.021	-0.003	0.000	100%	-0.129	0.001
3	18:12:12	-0.019	0.021	-0.018	-0.009	-0.006	0.000	101%	0.185	-0.003
x		-0.000	0.000	-0.000	-0.000	0.000	0.000	100%	-0.000	0.000
σ		0.017	0.019	0.015	0.019	0.008	0.000	1%	0.165	0.002
%RSD		0.000	0.000	0.000	0.000	0.000	0.000	1	0.000	0.000

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:09:56	0.027	-0.057	0.001	-0.001	-0.004	0.002	0.013	-0.002	100%
2	18:11:04	0.061	-0.129	-0.001	-0.011	0.004	-0.004	-0.009	0.003	100%
3	18:12:12	-0.088	0.186	-0.001	0.012	-0.001	0.002	-0.004	-0.002	101%
x		-0.000	-0.000	0.000	-0.000	0.000	-0.000	-0.000	0.000	100%
σ		0.078	0.165	0.001	0.011	0.004	0.003	0.011	0.003	1%
%RSD		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:09:56	100%	-0.000	-0.000	-0.002	0.001	0.000	100%	0.001
2	18:11:04	100%	0.005	-0.002	-0.001	-0.002	-0.000	100%	-0.000
3	18:12:12	101%	-0.005	0.002	0.003	0.001	0.000	100%	-0.000
x		100%	0.000	0.000	0.000	0.000	0.000	100%	-0.000
σ		0%	0.005	0.002	0.003	0.002	0.000	0%	0.001
%RSD		0	0.000	0.000	0.000	0.000	0.000	0	0.000

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:17:48	100%	1.227	4.380	0.000	517.800	510.600	514.500	518.100	23.170
2	18:18:56	103%	0.989	4.541	0.000	501.900	507.200	497.000	510.800	22.860
3	18:20:04	102%	0.970	5.520	0.000	494.200	498.400	495.700	505.700	23.300
x		102%	1.062	4.813	0.000	504.600	505.400	502.400	511.500	23.110
σ		2%	0.143	0.617	0.000	12.040	6.282	10.460	6.241	0.228
%RSD		2	13.480	12.820	0.000	2.386	1.243	2.082	1.220	0.987

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:17:48	5.000	-1.434	0.000	0.000	517.800	502.000	494.600	101%	4.685
2	18:18:56	5.956	0.884	0.000	0.000	515.200	517.300	498.700	101%	4.481
3	18:20:04	6.018	2.363	0.000	0.000	503.300	500.500	493.300	103%	5.047
x		5.658	0.604	0.000	0.000	512.100	506.600	495.500	102%	4.737
σ		0.571	1.914	0.000	0.000	7.762	9.320	2.830	1%	0.287
%RSD		10.090	316.600	0.000	0.000	1.516	1.840	0.571	1	6.047

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:17:48	4.735	2.293	-0.151	211.000	1.084	212.700	205.500	1.052	1.318
2	18:18:56	4.888	2.251	-0.190	208.400	1.192	212.400	208.100	1.122	1.190
3	18:20:04	4.628	2.131	-0.164	202.500	1.131	207.200	212.700	1.045	1.064
x		4.750	2.225	-0.169	207.300	1.136	210.800	208.700	1.073	1.191
σ		0.131	0.084	0.020	4.353	0.054	3.086	3.652	0.043	0.127
%RSD		2.754	3.778	11.600	2.100	4.787	1.464	1.750	3.975	10.640

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:17:48	2.153	2.233	2.395	0.965	5.445	-0.005	4.837	5.427	0.081
2	18:18:56	2.318	2.259	2.207	1.315	5.428	-0.061	4.088	5.413	-0.474
3	18:20:04	2.227	2.356	2.328	1.075	4.641	-0.018	4.180	4.625	0.005
x		2.233	2.283	2.310	1.118	5.171	-0.028	4.368	5.155	-0.130
σ		0.083	0.065	0.095	0.179	0.459	0.029	0.409	0.459	0.301
%RSD		3.720	2.831	4.110	16.010	8.878	105.200	9.352	8.904	232.200

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:17:48	4.715	4.628	4.638	4.752	4.692	0.003	100%	0.448	0.998
2	18:18:56	4.677	5.053	4.843	5.006	4.689	0.000	100%	1.113	1.034
3	18:20:04	4.612	4.672	4.738	4.663	4.674	0.003	103%	1.139	1.022
x		4.668	4.784	4.740	4.807	4.685	0.002	101%	0.900	1.018
σ		0.052	0.234	0.103	0.178	0.010	0.002	1%	0.392	0.019
%RSD		1.116	4.891	2.163	3.698	0.205	86.620	1	43.510	1.845

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:17:48	0.414	0.450	1.019	1.053	4.876	1.971	10.260	9.318	100%
2	18:18:56	0.005	1.117	1.111	1.099	4.864	1.972	10.370	9.926	99%
3	18:20:04	0.072	1.145	0.987	1.007	4.699	1.995	9.564	9.560	101%
x		0.164	0.904	1.039	1.053	4.813	1.979	10.070	9.601	100%
σ		0.220	0.394	0.065	0.046	0.099	0.013	0.440	0.306	1%
%RSD		134.200	43.540	6.229	4.385	2.048	0.679	4.368	3.188	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:17:48	99%	1.011	1.068	1.052	1.058	1.009	100%	0.982
2	18:18:56	99%	1.106	1.062	1.061	1.036	1.041	99%	1.022
3	18:20:04	101%	1.090	1.079	1.011	1.066	1.030	100%	1.013
x		99%	1.069	1.069	1.041	1.053	1.027	100%	1.006
σ		1%	0.051	0.009	0.027	0.015	0.017	0%	0.021
%RSD		1	4.754	0.816	2.551	1.445	1.618	0	2.073

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:25:39	101%	125.200	114.200	0.000	12490.000	12500.000	12550.000	12660.000	2615.000
2	18:26:47	100%	126.100	128.000	0.000	12760.000	12690.000	12820.000	12790.000	2641.000
3	18:27:55	101%	125.600	122.600	0.000	12700.000	12640.000	12660.000	12730.000	2644.000
x		101%	125.600	121.600	0.000	12650.000	12610.000	12680.000	12720.000	2633.000
σ		0%	0.441	6.946	0.000	142.100	96.080	135.300	63.280	16.210
%RSD		0	0.351	5.711	0.000	1.123	0.762	1.067	0.497	0.616

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:25:39	128.200	2501.000	0.000	0.000	6292.000	12480.000	12390.000	101%	126.500
2	18:26:47	127.300	2543.000	0.000	0.000	6415.000	12750.000	12510.000	100%	127.800
3	18:27:55	128.500	2535.000	0.000	0.000	6398.000	12680.000	12510.000	101%	126.700
x		128.000	2526.000	0.000	0.000	6368.000	12640.000	12470.000	100%	127.000
σ		0.625	22.330	0.000	0.000	66.520	141.200	68.430	1%	0.695
%RSD		0.488	0.884	0.000	0.000	1.044	1.117	0.549	1	0.547

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:25:39	126.100	127.500	-1.132	6526.000	253.200	6348.000	6405.000	127.400	128.500
2	18:26:47	126.400	129.100	1.411	6575.000	255.000	6421.000	6452.000	128.500	128.200
3	18:27:55	126.300	127.300	-0.937	6562.000	254.400	6370.000	6471.000	127.600	128.800
x		126.300	128.000	-0.220	6554.000	254.200	6379.000	6443.000	127.900	128.500
σ		0.178	0.962	1.415	25.650	0.879	37.590	34.080	0.584	0.320
%RSD		0.141	0.751	644.500	0.391	0.346	0.589	0.529	0.457	0.249

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:25:39	257.800	256.800	255.800	123.600	123.000	-0.092	124.200	122.700	2.428
2	18:26:47	258.200	260.600	258.500	126.000	126.600	-0.353	126.300	126.200	3.001
3	18:27:55	259.100	257.200	258.000	125.000	127.000	-0.185	125.600	126.700	0.013
x		258.400	258.200	257.500	124.900	125.600	-0.210	125.400	125.200	1.814
σ		0.671	2.081	1.421	1.214	2.197	0.132	1.102	2.155	1.586
%RSD		0.260	0.806	0.552	0.972	1.750	63.000	0.879	1.721	87.430

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:25:39	125.200	124.400	123.200	122.200	122.800	0.006	99%	125.900	127.000
2	18:26:47	125.000	123.400	123.800	125.300	123.800	0.003	99%	130.000	127.100
3	18:27:55	125.600	124.800	126.100	125.500	124.500	0.003	99%	127.500	128.600
x		125.300	124.200	124.400	124.300	123.700	0.004	99%	127.800	127.500
σ		0.317	0.724	1.554	1.877	0.872	0.002	0%	2.089	0.874
%RSD		0.253	0.583	1.249	1.509	0.704	43.500	0	1.635	0.686

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:25:39	3.566	126.000	126.900	127.200	124.700	123.700	625.700	608.400	99%
2	18:26:47	-2.328	130.100	127.600	128.400	125.400	124.600	630.400	609.700	99%
3	18:27:55	0.880	127.600	128.300	127.000	125.700	126.600	633.100	613.400	99%
x		0.706	127.900	127.600	127.500	125.200	125.000	629.700	610.500	99%
σ		2.951	2.094	0.713	0.767	0.538	1.506	3.775	2.614	0%
%RSD		418.000	1.637	0.559	0.601	0.429	1.205	0.600	0.428	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:25:39	98%	124.700	125.200	126.500	126.100	125.900	97%	125.800
2	18:26:47	99%	125.500	125.800	126.100	127.400	126.100	99%	124.400
3	18:27:55	100%	126.400	124.400	127.200	127.100	126.900	99%	123.900
x		99%	125.500	125.100	126.600	126.900	126.300	98%	124.700
σ		1%	0.864	0.727	0.553	0.699	0.562	1%	0.996
%RSD		1	0.689	0.581	0.437	0.551	0.445	1	0.798

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:33:31	102%	240.300	243.300	0.000	24580.000	24290.000	24110.000	24110.000	4796.000
2	18:34:39	101%	244.600	252.600	0.000	25050.000	24780.000	24800.000	24880.000	4942.000
3	18:35:47	102%	247.400	258.900	0.000	24970.000	24770.000	24730.000	24880.000	4960.000
x		102%	244.100	251.600	0.000	24870.000	24610.000	24550.000	24620.000	4900.000
σ		1%	3.542	7.822	0.000	254.800	278.800	378.700	444.300	89.880
%RSD		1	1.451	3.109	0.000	1.025	1.133	1.543	1.805	1.834

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:33:31	235.400	4850.000	0.000	0.000	12150.000	24660.000	23490.000	103%	240.000
2	18:34:39	244.800	4974.000	0.000	0.000	12550.000	25260.000	24420.000	102%	255.000
3	18:35:47	243.500	4994.000	0.000	0.000	12600.000	25260.000	24540.000	102%	252.900
x		241.200	4939.000	0.000	0.000	12430.000	25060.000	24150.000	102%	249.300
σ		5.098	77.840	0.000	0.000	244.700	347.000	569.800	1%	8.133
%RSD		2.114	1.576	0.000	0.000	1.968	1.385	2.360	1	3.263

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:33:31	238.800	241.700	-0.017	12450.000	483.800	12110.000	12210.000	242.200	243.300
2	18:34:39	250.700	249.500	-1.278	12830.000	496.200	12470.000	12730.000	250.500	249.300
3	18:35:47	249.100	250.500	-0.352	12880.000	500.500	12610.000	12700.000	250.900	253.100
x		246.200	247.200	-0.549	12720.000	493.500	12400.000	12550.000	247.900	248.600
σ		6.477	4.805	0.653	231.900	8.635	258.200	293.300	4.919	4.951
%RSD		2.631	1.943	118.900	1.823	1.750	2.083	2.337	1.985	1.992

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:33:31	487.500	488.200	492.800	241.500	238.800	-0.536	239.000	238.300	-1.165
2	18:34:39	498.400	508.800	504.300	246.800	243.600	-0.268	245.900	243.100	1.329
3	18:35:47	509.900	511.700	502.700	245.200	244.900	-0.081	249.100	244.600	1.212
x		498.600	502.900	499.900	244.500	242.500	-0.295	244.700	242.000	0.459
σ		11.180	12.820	6.247	2.687	3.215	0.229	5.178	3.270	1.407
%RSD		2.242	2.550	1.250	1.099	1.326	77.460	2.117	1.351	306.800

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:33:31	238.000	238.100	239.200	238.400	238.300	0.003	101%	242.700	245.100
2	18:34:39	246.400	246.600	246.000	247.800	246.100	0.003	100%	257.700	252.800
3	18:35:47	250.000	248.900	249.400	251.800	250.100	0.002	99%	251.500	253.700
x		244.800	244.500	244.900	246.000	244.900	0.003	100%	250.700	250.500
σ		6.170	5.719	5.210	6.908	5.991	0.001	1%	7.523	4.738
%RSD		2.520	2.339	2.128	2.808	2.447	34.220	1	3.001	1.892

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:33:31	2.017	242.800	244.000	241.800	243.200	241.900	1206.000	1174.000	102%
2	18:34:39	1.965	257.700	249.900	252.500	248.100	249.500	1239.000	1200.000	101%
3	18:35:47	5.141	251.600	252.800	251.200	250.200	251.100	1260.000	1222.000	100%
x		3.041	250.700	248.900	248.500	247.200	247.500	1235.000	1199.000	101%
σ		1.819	7.484	4.480	5.813	3.627	4.903	27.180	23.910	1%
%RSD		59.810	2.985	1.800	2.339	1.467	1.981	2.201	1.994	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:33:31	103%	241.400	239.600	241.900	244.100	241.600	101%	242.000
2	18:34:39	101%	245.200	243.800	247.900	248.500	246.600	100%	243.400
3	18:35:47	101%	248.200	247.700	250.300	250.800	249.400	99%	247.100
x		102%	244.900	243.700	246.700	247.800	245.900	100%	244.100
σ		1%	3.383	4.058	4.344	3.418	3.973	1%	2.642
%RSD		1	1.381	1.665	1.761	1.379	1.616	1	1.082

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:41:23	101%	495.000	488.000	0.000	49310.000	48800.000	48980.000	49000.000	9793.000
2	18:42:32	99%	504.300	502.900	0.000	50260.000	50110.000	50670.000	50100.000	10060.000
3	18:43:40	99%	510.600	510.200	0.000	50450.000	50110.000	50990.000	50790.000	10090.000
x		100%	503.300	500.400	0.000	50010.000	49670.000	50220.000	49960.000	9979.000
σ		1%	7.813	11.300	0.000	606.800	756.400	1080.000	902.500	161.500
%RSD		1	1.552	2.259	0.000	1.214	1.523	2.151	1.806	1.619

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:41:23	478.500	9867.000	0.000	0.000	24920.000	49500.000	48360.000	102%	498.600
2	18:42:32	496.400	9992.000	0.000	0.000	25220.000	50390.000	48650.000	101%	496.000
3	18:43:40	508.300	10130.000	0.000	0.000	25210.000	50690.000	48620.000	101%	496.600
x		494.400	9998.000	0.000	0.000	25120.000	50190.000	48540.000	101%	497.100
σ		14.970	133.800	0.000	0.000	170.800	622.200	162.000	0%	1.397
%RSD		3.028	1.338	0.000	0.000	0.680	1.240	0.334	0	0.281

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:41:23	492.700	494.000	0.184	24920.000	998.100	24820.000	25260.000	502.200	503.100
2	18:42:32	500.400	503.800	-1.035	25210.000	992.600	25060.000	25180.000	500.600	505.600
3	18:43:40	504.100	502.900	-2.212	25290.000	1006.000	25070.000	25370.000	504.400	503.000
x		499.100	500.200	-1.021	25140.000	998.800	24990.000	25270.000	502.400	503.900
σ		5.798	5.445	1.198	193.700	6.498	140.900	95.800	1.915	1.485
%RSD		1.162	1.088	117.300	0.771	0.651	0.564	0.379	0.381	0.295

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:41:23	1004.000	1006.000	1005.000	492.900	495.600	-0.438	501.400	495.600	1.274
2	18:42:32	1008.000	1005.000	1009.000	496.100	494.300	-0.799	498.200	493.700	2.182
3	18:43:40	1011.000	1019.000	1010.000	500.600	499.300	-0.697	503.300	499.300	-0.294
x		1008.000	1010.000	1008.000	496.500	496.400	-0.645	500.900	496.200	1.054
σ		3.772	8.122	2.478	3.858	2.636	0.187	2.539	2.832	1.252
%RSD		0.374	0.804	0.246	0.777	0.531	28.940	0.507	0.571	118.800

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:41:23	495.400	494.200	497.000	501.200	499.100	0.005	97%	506.600	502.800
2	18:42:32	499.000	496.400	494.800	499.100	496.400	0.006	98%	508.000	501.400
3	18:43:40	506.400	501.600	503.900	500.900	497.600	0.000	97%	503.600	505.900
x		500.300	497.400	498.600	500.400	497.700	0.004	97%	506.100	503.300
σ		5.588	3.773	4.768	1.143	1.319	0.003	1%	2.249	2.336
%RSD		1.117	0.759	0.956	0.228	0.265	89.130	1	0.444	0.464

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:41:23	6.784	506.500	507.700	505.700	499.700	498.600	2508.000	2422.000	99%
2	18:42:32	3.310	508.100	501.000	502.500	497.200	495.600	2508.000	2428.000	98%
3	18:43:40	7.964	503.700	503.200	505.000	501.100	498.800	2511.000	2424.000	98%
x		6.019	506.100	504.000	504.400	499.300	497.600	2509.000	2425.000	98%
σ		2.419	2.260	3.447	1.716	2.005	1.789	1.854	3.011	1%
%RSD		40.190	0.447	0.684	0.340	0.402	0.360	0.074	0.124	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:41:23	99%	492.000	497.700	498.000	498.700	496.600	97%	494.700
2	18:42:32	98%	495.700	501.500	498.300	496.800	495.700	96%	499.700
3	18:43:40	97%	494.400	501.700	498.800	501.700	500.300	95%	497.200
x		98%	494.000	500.300	498.400	499.100	497.500	96%	497.200
σ		1%	1.872	2.291	0.431	2.501	2.448	1%	2.502
%RSD		1	0.379	0.458	0.087	0.501	0.492	1	0.503

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:49:17	97%	1005.000	993.400	0.000	99000.000	98550.000	99370.000	99200.000	19810.000
2	18:50:25	97%	1004.000	1003.000	0.000	100500.000	100400.000	100900.000	101200.000	20170.000
3	18:51:33	99%	990.500	1003.000	0.000	99420.000	99460.000	99650.000	99860.000	20080.000
x		98%	999.700	999.800	0.000	99640.000	99470.000	99980.000	100100.000	20020.000
σ		1%	7.974	5.554	0.000	773.200	926.000	826.000	1013.000	187.600
%RSD		1	0.798	0.555	0.000	0.776	0.931	0.826	1.013	0.937

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:49:17	1009.000	19900.000	0.000	0.000	49430.000	98990.000	99750.000	100%	990.100
2	18:50:25	1006.000	20140.000	0.000	0.000	50090.000	101000.000	101700.000	99%	1008.000
3	18:51:33	998.600	19990.000	0.000	0.000	50310.000	99670.000	101300.000	99%	1006.000
x		1005.000	20010.000	0.000	0.000	49940.000	99870.000	100900.000	99%	1001.000
σ		5.422	123.100	0.000	0.000	460.300	996.200	1059.000	1%	9.834
%RSD		0.540	0.615	0.000	0.000	0.922	0.998	1.049	1	0.982

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:49:17	994.300	989.600	-5.687	49160.000	1978.000	49310.000	49190.000	988.600	988.000
2	18:50:25	1006.000	1006.000	-0.978	50210.000	2011.000	50310.000	50220.000	1009.000	1009.000
3	18:51:33	1003.000	1005.000	1.381	50150.000	2016.000	50420.000	50080.000	999.400	997.000
x		1001.000	1000.000	-1.761	49840.000	2002.000	50020.000	49830.000	999.000	998.000
σ		6.250	9.175	3.599	592.100	20.300	613.000	560.400	10.180	10.460
%RSD		0.624	0.917	204.400	1.188	1.014	1.226	1.125	1.019	1.048

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:49:17	1979.000	1972.000	1978.000	1002.000	993.700	-1.985	998.400	994.500	-0.276
2	18:50:25	2009.000	2001.000	2003.000	1006.000	1013.000	-1.969	1004.000	1013.000	0.244
3	18:51:33	1999.000	2006.000	2004.000	1001.000	1005.000	-1.980	999.600	1004.000	1.074
x		1995.000	1993.000	1995.000	1003.000	1004.000	-1.978	1001.000	1004.000	0.347
σ		15.260	18.210	14.620	2.895	9.478	0.008	3.241	9.113	0.681
%RSD		0.765	0.914	0.733	0.289	0.944	0.397	0.324	0.908	196.100

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:49:17	989.000	995.300	992.700	989.800	992.600	0.011	95%	983.100	990.900
2	18:50:25	1014.000	1007.000	1002.000	1004.000	1009.000	0.008	94%	1003.000	1004.000
3	18:51:33	1001.000	1006.000	1012.000	1009.000	1006.000	0.005	94%	1003.000	998.900
x		1001.000	1003.000	1002.000	1001.000	1003.000	0.008	94%	996.500	997.900
σ		12.230	6.527	9.464	10.030	8.778	0.003	0%	11.560	6.572
%RSD		1.222	0.651	0.944	1.002	0.876	39.840	0	1.160	0.659

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:49:17	18.420	983.200	993.400	992.900	996.100	996.700	4997.000	5010.000	96%
2	18:50:25	16.830	1003.000	1002.000	1002.000	1007.000	1006.000	5011.000	5072.000	97%
3	18:51:33	17.620	1003.000	999.000	998.300	999.800	1003.000	4988.000	5074.000	96%
x		17.630	996.400	998.000	997.900	1001.000	1002.000	4999.000	5052.000	96%
σ		0.795	11.470	4.178	4.758	5.613	4.632	11.520	36.550	0%
%RSD		4.508	1.151	0.419	0.477	0.561	0.462	0.230	0.723	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:49:17	95%	997.100	995.400	1000.000	998.600	997.600	93%	996.000
2	18:50:25	96%	1006.000	1006.000	1005.000	999.600	1005.000	92%	1006.000
3	18:51:33	96%	1010.000	1003.000	998.700	1004.000	1003.000	93%	1006.000
x		96%	1004.000	1001.000	1001.000	1001.000	1002.000	93%	1003.000
σ		0%	6.407	5.346	3.566	2.965	4.032	0%	5.996
%RSD		0	0.638	0.534	0.356	0.296	0.402	0	0.598

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:57:12	100%	100.300	515.600	0.000	2160.000	1270.000	1278.000	1290.000	555.100
2	18:58:20	100%	98.240	523.000	0.000	2145.000	1263.000	1260.000	1273.000	548.400
3	18:59:28	98%	99.430	546.000	0.000	2135.000	1262.000	1252.000	1259.000	548.500
x		99%	99.320	528.200	0.000	2147.000	1265.000	1263.000	1274.000	550.700
σ		1%	1.037	15.830	0.000	12.870	4.522	13.350	15.290	3.820
%RSD		1	1.044	2.996	0.000	0.600	0.358	1.057	1.200	0.694

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:57:12	503.600	9.385	0.000	0.000	2159.000	2116.000	2058.000	99%	511.400
2	18:58:20	497.100	10.020	0.000	0.000	2149.000	2073.000	2041.000	100%	498.600
3	18:59:28	497.500	6.767	0.000	0.000	2140.000	2034.000	2005.000	100%	497.100
x		499.400	8.725	0.000	0.000	2150.000	2074.000	2035.000	100%	502.400
σ		3.643	1.726	0.000	0.000	9.602	40.920	27.270	0%	7.881
%RSD		0.730	19.780	0.000	0.000	0.447	1.973	1.340	0	1.569

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:57:12	102.300	104.400	-1.178	1090.000	105.200	1093.000	1074.000	104.600	106.800
2	18:58:20	100.500	102.800	-0.015	1066.000	103.600	1084.000	1055.000	103.200	106.300
3	18:59:28	100.100	101.700	-1.280	1057.000	102.900	1062.000	1039.000	102.700	105.600
x		101.000	103.000	-0.824	1071.000	103.900	1080.000	1056.000	103.500	106.200
σ		1.183	1.398	0.703	17.150	1.134	16.290	17.690	0.978	0.611
%RSD		1.171	1.358	85.240	1.601	1.092	1.509	1.676	0.945	0.576

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:57:12	108.500	106.400	212.700	200.800	197.500	-0.298	202.200	196.900	1.514
2	18:58:20	107.600	106.500	209.500	199.400	200.900	-0.530	199.900	200.200	1.779
3	18:59:28	105.900	105.900	207.900	198.900	198.300	-0.450	197.800	197.600	-1.002
x		107.300	106.300	210.000	199.700	198.900	-0.426	200.000	198.300	0.764
σ		1.366	0.325	2.439	0.973	1.782	0.118	2.200	1.742	1.535
%RSD		1.273	0.305	1.162	0.487	0.896	27.640	1.100	0.879	201.000

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:57:12	514.400	512.700	509.100	509.800	512.800	0.002	98%	108.400	96.310
2	18:58:20	507.300	508.400	506.600	503.300	504.400	0.011	99%	101.100	95.610
3	18:59:28	504.000	504.800	504.200	500.000	501.500	0.003	100%	103.000	94.740
x		508.500	508.600	506.600	504.400	506.300	0.005	99%	104.200	95.550
σ		5.297	3.970	2.469	4.969	5.888	0.005	1%	3.777	0.783
%RSD		1.042	0.781	0.487	0.985	1.163	96.420	1	3.626	0.820

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:57:12	5.022	108.500	96.800	104.300	520.200	200.200	104.700	101.300	98%
2	18:58:20	5.581	101.200	96.250	102.600	520.600	198.800	102.100	102.000	99%
3	18:59:28	2.712	103.100	95.180	102.300	514.700	199.100	104.000	100.100	98%
x		4.438	104.300	96.070	103.100	518.500	199.300	103.600	101.100	98%
σ		1.521	3.771	0.825	1.087	3.311	0.720	1.363	0.946	0%
%RSD		34.260	3.617	0.858	1.055	0.639	0.361	1.316	0.936	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:57:12	98%	207.100	208.800	214.300	203.900	207.800	98%	0.378
2	18:58:20	99%	207.000	206.500	211.900	201.100	205.800	99%	0.420
3	18:59:28	99%	206.900	207.100	210.800	201.000	205.900	99%	0.254
x		99%	207.000	207.500	212.300	202.000	206.500	99%	0.351
σ		0%	0.077	1.225	1.798	1.654	1.119	0%	0.086
%RSD		0	0.037	0.591	0.847	0.819	0.542	0	24.630

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:05:05	101%	0.068	13.990	0.000	8.160	6.668	7.510	6.594	3.204
2	19:06:13	102%	0.191	10.100	0.000	5.783	11.510	12.170	11.920	2.447
3	19:07:22	99%	0.041	9.635	0.000	7.232	10.320	10.940	9.866	2.287
x		100%	0.100	11.240	0.000	7.058	9.500	10.210	9.461	2.646
σ		1%	0.080	2.394	0.000	1.198	2.524	2.415	2.687	0.490
%RSD		1	80.020	21.290	0.000	16.970	26.570	23.660	28.400	18.520

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:05:05	2.463	-0.660	0.000	0.000	16.390	2.672	0.061	100%	0.310
2	19:06:13	-1.136	1.562	0.000	0.000	12.560	15.860	4.594	102%	0.572
3	19:07:22	1.824	5.967	0.000	0.000	18.910	9.656	-1.013	101%	0.256
x		1.050	2.290	0.000	0.000	15.950	9.397	1.214	101%	0.379
σ		1.920	3.373	0.000	0.000	3.198	6.599	2.976	1%	0.169
%RSD		182.800	147.300	0.000	0.000	20.050	70.220	245.100	1	44.600

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:05:05	0.036	0.030	-0.300	3.003	0.169	1.231	7.400	0.115	0.073
2	19:06:13	0.068	0.131	-0.240	3.636	0.264	2.767	7.983	0.203	0.180
3	19:07:22	0.254	0.125	-0.647	5.786	0.258	3.383	8.199	0.164	0.125
x		0.120	0.095	-0.396	4.141	0.230	2.460	7.861	0.160	0.126
σ		0.117	0.057	0.220	1.459	0.053	1.108	0.413	0.044	0.054
%RSD		98.180	59.840	55.670	35.230	22.970	45.050	5.259	27.450	42.680

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:05:05	0.168	0.160	0.265	0.064	-0.046	0.020	0.697	-0.046	2.011
2	19:06:13	0.304	0.339	0.529	0.332	0.261	-0.008	0.646	0.260	0.222
3	19:07:22	0.277	0.199	0.413	0.281	0.187	-0.008	0.094	0.186	0.987
x		0.250	0.233	0.402	0.226	0.134	0.001	0.479	0.134	1.073
σ		0.072	0.094	0.132	0.142	0.160	0.016	0.335	0.160	0.898
%RSD		28.980	40.470	32.830	62.940	119.600	1316.000	69.810	119.500	83.660

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:05:05	1.799	1.768	1.852	1.847	1.933	0.002	99%	1.039	0.114
2	19:06:13	1.613	1.467	1.562	1.544	1.548	0.002	101%	0.728	0.188
3	19:07:22	1.444	1.371	1.333	1.276	1.306	0.000	100%	-0.340	0.155
x		1.619	1.535	1.582	1.556	1.596	0.001	100%	0.476	0.152
σ		0.177	0.207	0.260	0.286	0.316	0.001	1%	0.723	0.037
%RSD		10.950	13.500	16.450	18.360	19.830	86.620	1	152.100	24.490

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:05:05	-0.468	1.042	0.123	0.168	0.769	1.106	0.382	0.363	98%
2	19:06:13	-0.251	0.733	0.183	0.201	0.803	1.030	0.690	0.536	99%
3	19:07:22	0.255	-0.335	0.136	0.201	0.751	0.803	0.517	0.478	97%
x		-0.155	0.480	0.147	0.190	0.775	0.980	0.530	0.459	98%
σ		0.371	0.723	0.032	0.019	0.027	0.158	0.154	0.088	1%
%RSD		240.300	150.600	21.630	9.809	3.442	16.120	29.140	19.150	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:05:05	98%	0.223	0.218	0.159	0.188	0.170	97%	0.059
2	19:06:13	99%	0.274	0.292	0.270	0.269	0.270	100%	0.095
3	19:07:22	97%	0.229	0.225	0.239	0.235	0.233	97%	0.081
x		98%	0.242	0.245	0.223	0.231	0.224	98%	0.078
σ		1%	0.028	0.041	0.057	0.041	0.051	1%	0.018
%RSD		1	11.530	16.800	25.670	17.570	22.670	1	23.090

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:13:00	93%	0.308	8.173	0.000	103200.000	101200.000	101100.000	100700.000	99350.000
2	19:14:09	92%	0.290	7.448	0.000	103200.000	101500.000	101100.000	100400.000	99320.000
3	19:15:17	91%	0.208	6.676	0.000	104800.000	103000.000	102200.000	101500.000	100800.000
x		92%	0.269	7.432	0.000	103700.000	101900.000	101400.000	100900.000	99840.000
σ		1%	0.053	0.748	0.000	929.300	983.200	624.000	576.600	874.700
%RSD		1	19.720	10.070	0.000	0.896	0.965	0.615	0.572	0.876

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:13:00	29.940	100500.000	0.000	0.000	102100.000	104200.000	103700.000	93%	2098.000
2	19:14:09	31.130	100600.000	0.000	0.000	101600.000	102600.000	103300.000	92%	2088.000
3	19:15:17	30.580	102100.000	0.000	0.000	103900.000	104200.000	105700.000	91%	2106.000
x		30.550	101100.000	0.000	0.000	102500.000	103700.000	104200.000	92%	2097.000
σ		0.598	911.000	0.000	0.000	1177.000	915.000	1277.000	1%	9.027
%RSD		1.956	0.901	0.000	0.000	1.148	0.883	1.225	1	0.430

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:13:00	-0.492	21.280	45.180	99730.000	7.979	99740.000	100300.000	1.210	6.448
2	19:14:09	-1.125	20.800	54.520	101000.000	7.991	100100.000	100100.000	1.317	5.930
3	19:15:17	-0.957	21.160	58.970	101200.000	8.304	102800.000	102200.000	1.338	6.328
x		-0.858	21.080	52.890	100600.000	8.091	100900.000	100900.000	1.288	6.235
σ		0.328	0.250	7.038	791.700	0.184	1653.000	1124.000	0.068	0.271
%RSD		38.230	1.185	13.310	0.787	2.278	1.639	1.114	5.313	4.350

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:13:00	8.642	8.697	12.400	0.608	-0.322	0.275	0.226	-0.321	3.682
2	19:14:09	8.745	9.718	12.810	0.594	-0.022	0.331	0.087	-0.022	1.701
3	19:15:17	8.708	8.967	12.950	0.676	-0.174	0.320	0.215	-0.174	1.868
x		8.698	9.127	12.720	0.626	-0.173	0.309	0.176	-0.172	2.417
σ		0.052	0.529	0.286	0.044	0.150	0.029	0.077	0.149	1.098
%RSD		0.603	5.797	2.249	6.964	86.640	9.548	44.050	86.770	45.440

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:13:00	2037.000	2044.000	2032.000	2042.000	2044.000	0.007	90%	0.647	0.079
2	19:14:09	2056.000	2064.000	2041.000	2070.000	2067.000	0.005	89%	0.619	0.063
3	19:15:17	2054.000	2073.000	2067.000	2066.000	2058.000	0.009	89%	-0.593	0.052
x		2049.000	2060.000	2047.000	2059.000	2056.000	0.007	89%	0.224	0.065
σ		10.300	14.430	17.930	15.230	11.490	0.002	1%	0.708	0.014
%RSD		0.503	0.700	0.876	0.740	0.559	25.150	1	315.400	21.680

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:13:00	11.070	0.636	0.081	0.821	0.480	1.640	1.368	1.325	94%
2	19:14:09	11.020	0.605	0.060	0.776	0.360	1.521	1.510	1.373	94%
3	19:15:17	11.520	-0.602	0.058	0.769	0.369	1.474	1.583	1.358	93%
x		11.200	0.213	0.066	0.789	0.403	1.545	1.487	1.352	94%
σ		0.275	0.706	0.013	0.028	0.067	0.086	0.109	0.025	1%
%RSD		2.450	331.100	19.180	3.578	16.640	5.538	7.353	1.813	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:13:00	95%	0.138	0.124	4.853	4.124	4.452	92%	0.021
2	19:14:09	94%	0.093	0.085	4.824	4.184	4.461	91%	0.019
3	19:15:17	93%	0.067	0.070	4.990	4.202	4.509	91%	0.018
x		94%	0.100	0.093	4.889	4.170	4.474	91%	0.019
σ		1%	0.035	0.028	0.089	0.041	0.031	1%	0.002
%RSD		1	35.630	29.910	1.814	0.981	0.687	1	10.460

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:20:56	90%	20.990	2.939	0.000	105500.000	101600.000	101100.000	100200.000	99740.000
2	19:22:05	90%	19.880	6.047	0.000	105600.000	101800.000	101000.000	101000.000	100200.000
3	19:23:13	89%	21.070	3.000	0.000	106700.000	102700.000	100800.000	101000.000	100900.000
x		90%	20.650	3.995	0.000	105900.000	102000.000	101000.000	100700.000	100300.000
σ		1%	0.669	1.777	0.000	700.100	617.200	145.600	478.700	612.100
%RSD		1	3.239	44.470	0.000	0.661	0.605	0.144	0.475	0.610

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:20:56	29.440	101300.000	0.000	0.000	103100.000	102600.000	104700.000	91%	2093.000
2	19:22:05	32.890	100900.000	0.000	0.000	104200.000	103600.000	104600.000	91%	2100.000
3	19:23:13	31.230	101800.000	0.000	0.000	103800.000	102100.000	103900.000	91%	2084.000
x		31.190	101300.000	0.000	0.000	103700.000	102800.000	104400.000	91%	2092.000
σ		1.728	465.800	0.000	0.000	591.500	803.300	471.000	0%	8.297
%RSD		5.539	0.460	0.000	0.000	0.570	0.782	0.451	0	0.397

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:20:56	19.730	41.890	55.850	101200.000	28.930	101300.000	101500.000	21.580	26.780
2	19:22:05	18.880	41.290	63.260	101600.000	28.810	101700.000	101500.000	21.370	26.390
3	19:23:13	20.630	41.430	62.820	101300.000	28.380	101100.000	101200.000	21.570	26.910
x		19.750	41.540	60.640	101300.000	28.700	101400.000	101400.000	21.510	26.690
σ		0.876	0.317	4.159	241.300	0.288	264.100	146.500	0.119	0.272
%RSD		4.435	0.763	6.859	0.238	1.002	0.261	0.145	0.554	1.017

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:20:56	29.320	29.820	34.150	20.260	20.050	0.366	20.400	20.020	1.392
2	19:22:05	28.560	29.370	32.840	20.320	20.460	0.346	20.070	20.410	4.175
3	19:23:13	28.730	29.120	33.700	20.190	21.060	0.399	19.740	21.030	-1.058
x		28.870	29.440	33.560	20.250	20.520	0.370	20.070	20.490	1.503
σ		0.397	0.356	0.667	0.064	0.510	0.027	0.327	0.508	2.618
%RSD		1.375	1.210	1.988	0.318	2.486	7.229	1.631	2.481	174.200

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:20:56	2052.000	2064.000	2065.000	2058.000	2062.000	0.009	88%	19.680	19.950
2	19:22:05	2051.000	2035.000	2037.000	2050.000	2042.000	0.003	90%	20.090	19.710
3	19:23:13	2070.000	2069.000	2044.000	2057.000	2053.000	0.003	89%	19.830	19.890
x		2058.000	2056.000	2049.000	2055.000	2052.000	0.005	89%	19.870	19.850
σ		10.510	18.520	14.550	4.727	10.290	0.003	1%	0.207	0.128
%RSD		0.511	0.901	0.710	0.230	0.501	58.430	1	1.043	0.647

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:20:56	13.890	19.630	19.930	21.870	0.399	21.600	21.900	21.800	95%
2	19:22:05	13.300	20.050	19.750	20.880	0.305	21.900	21.570	21.710	95%
3	19:23:13	11.660	19.780	19.820	21.970	0.357	21.730	21.630	21.390	95%
x		12.950	19.820	19.830	21.570	0.354	21.740	21.700	21.640	95%
σ		1.153	0.214	0.088	0.600	0.047	0.149	0.175	0.213	0%
%RSD		8.905	1.081	0.444	2.783	13.270	0.684	0.805	0.984	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:20:56	96%	20.250	20.430	26.460	23.920	24.790	92%	0.021
2	19:22:05	96%	20.210	20.570	26.780	23.810	25.010	93%	0.019
3	19:23:13	95%	20.830	20.440	26.180	24.080	24.920	92%	0.022
x		96%	20.430	20.480	26.470	23.930	24.910	92%	0.021
σ		0%	0.347	0.079	0.303	0.137	0.115	0%	0.001
%RSD		0	1.696	0.386	1.144	0.573	0.460	0	5.921

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:28:53	92%	0.121	1.427	0.000	10890.000	10560.000	10320.000	10450.000	10380.000
2	19:30:01	93%	0.104	2.516	0.000	10840.000	10560.000	10320.000	10390.000	10320.000
3	19:31:10	94%	0.042	3.348	0.000	10690.000	10430.000	10160.000	10150.000	10160.000
x		93%	0.089	2.430	0.000	10810.000	10520.000	10260.000	10330.000	10290.000
σ		1%	0.042	0.964	0.000	102.800	78.370	94.860	160.100	113.800
%RSD		1	46.560	39.650	0.000	0.951	0.745	0.924	1.550	1.107

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:28:53	3.313	10230.000	0.000	0.000	10830.000	10500.000	10270.000	94%	209.000
2	19:30:01	2.779	10240.000	0.000	0.000	10700.000	10290.000	10230.000	95%	212.700
3	19:31:10	3.813	10040.000	0.000	0.000	10560.000	10210.000	10010.000	97%	209.800
x		3.302	10170.000	0.000	0.000	10690.000	10330.000	10170.000	96%	210.500
σ		0.517	113.400	0.000	0.000	132.800	148.600	137.200	1%	1.981
%RSD		15.660	1.115	0.000	0.000	1.242	1.438	1.349	1	0.941

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:28:53	-0.177	2.304	14.880	10450.000	0.955	10470.000	10300.000	0.147	0.817
2	19:30:01	-0.258	2.230	14.500	10480.000	0.899	10440.000	10310.000	0.172	0.755
3	19:31:10	-0.146	2.088	13.220	10330.000	0.910	10280.000	10170.000	0.147	0.638
x		-0.194	2.208	14.200	10420.000	0.922	10390.000	10260.000	0.155	0.737
σ		0.058	0.110	0.869	77.150	0.030	103.900	76.350	0.014	0.090
%RSD		29.950	4.995	6.124	0.740	3.223	1.000	0.744	9.305	12.280

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:28:53	0.930	1.067	1.322	0.170	0.408	0.084	0.332	0.407	-0.249
2	19:30:01	0.995	0.950	1.589	0.031	-0.106	0.108	0.190	-0.106	1.486
3	19:31:10	0.874	0.930	1.447	0.079	-0.287	0.088	0.064	-0.286	0.635
x		0.933	0.982	1.452	0.093	0.005	0.093	0.195	0.005	0.624
σ		0.060	0.074	0.134	0.071	0.361	0.013	0.134	0.359	0.867
%RSD		6.483	7.551	9.203	75.570	7214.000	13.960	68.460	7328.000	139.000

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:28:53	204.200	204.700	203.500	206.000	203.700	0.002	95%	0.036	0.031
2	19:30:01	204.600	205.000	203.600	204.500	205.800	0.002	95%	0.048	0.035
3	19:31:10	202.700	202.100	202.600	203.000	201.000	0.000	96%	-0.382	0.025
x		203.800	203.900	203.200	204.500	203.500	0.001	96%	-0.099	0.030
σ		0.987	1.607	0.564	1.519	2.421	0.001	1%	0.245	0.005
%RSD		0.484	0.788	0.278	0.743	1.190	86.600	1	246.100	15.800

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:28:53	0.874	0.033	0.028	0.186	0.129	0.295	0.213	0.206	96%
2	19:30:01	0.915	0.044	0.034	0.135	0.162	0.290	0.220	0.229	97%
3	19:31:10	1.356	-0.387	0.032	0.111	0.123	0.246	0.221	0.228	99%
x		1.049	-0.103	0.031	0.144	0.138	0.277	0.218	0.221	97%
σ		0.267	0.246	0.003	0.038	0.021	0.027	0.005	0.013	1%
%RSD		25.500	238.300	10.790	26.240	15.180	9.762	2.093	5.850	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:28:53	97%	0.087	0.099	0.521	0.474	0.490	96%	0.011
2	19:30:01	97%	0.089	0.096	0.543	0.443	0.491	96%	0.012
3	19:31:10	99%	0.077	0.081	0.495	0.478	0.490	97%	0.014
x		97%	0.084	0.092	0.520	0.465	0.491	96%	0.012
σ		1%	0.007	0.010	0.024	0.019	0.001	1%	0.002
%RSD		1	7.897	10.720	4.622	4.074	0.162	1	14.580

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:36:49	96%	2.006	1.922	0.000	10510.000	10310.000	10040.000	10160.000	10090.000
2	19:37:58	96%	2.037	2.151	0.000	10390.000	10200.000	9952.000	10050.000	9886.000
3	19:39:06	95%	1.976	1.822	0.000	10460.000	10300.000	10030.000	10080.000	10090.000
x		96%	2.006	1.965	0.000	10450.000	10270.000	10010.000	10100.000	10020.000
σ		1%	0.030	0.169	0.000	61.800	59.970	48.990	57.280	118.900
%RSD		1	1.508	8.603	0.000	0.591	0.584	0.490	0.567	1.186

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:36:49	4.035	10010.000	0.000	0.000	10560.000	10460.000	10020.000	96%	208.500
2	19:37:58	2.835	9909.000	0.000	0.000	10280.000	10040.000	9805.000	99%	202.400
3	19:39:06	3.228	10030.000	0.000	0.000	10380.000	10070.000	9901.000	98%	209.000
x		3.366	9981.000	0.000	0.000	10410.000	10190.000	9907.000	98%	206.600
σ		0.612	63.060	0.000	0.000	143.300	236.900	105.400	1%	3.657
%RSD		18.170	0.632	0.000	0.000	1.377	2.325	1.063	1	1.770

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:36:49	1.955	4.175	9.989	10400.000	2.824	10320.000	10110.000	2.196	2.724
2	19:37:58	1.601	4.074	10.270	9959.000	2.813	9944.000	9827.000	2.150	2.489
3	19:39:06	1.633	4.144	10.340	10110.000	2.816	10110.000	9899.000	2.151	2.601
x		1.730	4.131	10.200	10160.000	2.817	10120.000	9946.000	2.165	2.605
σ		0.196	0.051	0.185	225.300	0.006	186.100	149.600	0.026	0.118
%RSD		11.320	1.244	1.816	2.218	0.202	1.838	1.504	1.213	4.513

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:36:49	3.006	2.907	3.464	1.896	1.986	0.080	1.537	1.979	-0.588
2	19:37:58	2.792	2.788	3.258	1.775	1.778	0.080	1.199	1.772	1.186
3	19:39:06	2.914	2.715	3.461	1.720	2.452	0.077	1.701	2.445	-0.943
x		2.904	2.803	3.394	1.797	2.072	0.079	1.479	2.065	-0.115
σ		0.107	0.097	0.118	0.090	0.346	0.002	0.256	0.345	1.140
%RSD		3.698	3.464	3.487	5.011	16.680	1.952	17.290	16.700	991.400

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:36:49	199.500	199.500	198.400	199.900	198.700	0.002	96%	2.230	1.998
2	19:37:58	197.200	193.300	193.700	196.600	194.500	0.002	98%	1.042	1.938
3	19:39:06	197.900	196.700	197.400	197.200	197.000	0.003	97%	1.961	1.977
x		198.200	196.500	196.500	197.900	196.700	0.002	97%	1.744	1.971
σ		1.168	3.137	2.487	1.734	2.114	0.001	1%	0.623	0.031
%RSD		0.589	1.597	1.266	0.876	1.074	43.160	1	35.690	1.547

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:36:49	1.263	2.227	1.939	2.223	0.103	2.200	2.300	2.206	97%
2	19:37:58	1.573	1.039	1.971	2.030	0.081	2.133	2.136	2.079	100%
3	19:39:06	1.383	1.960	1.933	2.095	0.099	2.197	2.302	2.140	98%
x		1.407	1.742	1.948	2.116	0.094	2.177	2.246	2.142	98%
σ		0.157	0.624	0.021	0.098	0.012	0.038	0.095	0.063	1%
%RSD		11.130	35.790	1.054	4.635	12.740	1.739	4.251	2.959	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:36:49	97%	2.000	2.061	2.568	2.323	2.473	97%	0.003
2	19:37:58	99%	2.079	2.030	2.486	2.361	2.419	98%	0.004
3	19:39:06	99%	2.061	2.052	2.613	2.311	2.432	97%	0.006
x		98%	2.047	2.048	2.555	2.332	2.441	98%	0.004
σ		1%	0.041	0.016	0.064	0.026	0.028	1%	0.001
%RSD		1	2.019	0.765	2.516	1.124	1.152	1	27.790

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:44:44	98%	497.300	490.500	0.000	51840.000	50970.000	51040.000	50490.000	10120.000
2	19:45:53	97%	501.600	502.700	0.000	52200.000	51320.000	51350.000	50720.000	10150.000
3	19:47:01	99%	497.100	488.700	0.000	51660.000	50600.000	50710.000	50540.000	10160.000
x		98%	498.600	494.000	0.000	51900.000	50970.000	51030.000	50580.000	10140.000
σ		1%	2.523	7.623	0.000	275.200	359.500	319.000	119.100	22.060
%RSD		1	0.506	1.543	0.000	0.530	0.705	0.625	0.236	0.218

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:44:44	487.900	10110.000	0.000	0.000	25890.000	50570.000	49350.000	98%	502.100
2	19:45:53	489.800	10040.000	0.000	0.000	26040.000	50160.000	49040.000	99%	501.600
3	19:47:01	492.700	10110.000	0.000	0.000	25910.000	50510.000	49450.000	99%	500.800
x		490.100	10090.000	0.000	0.000	25940.000	50420.000	49280.000	99%	501.500
σ		2.431	41.870	0.000	0.000	81.280	222.600	213.400	1%	0.629
%RSD		0.496	0.415	0.000	0.000	0.313	0.442	0.433	1	0.125

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:44:44	502.700	503.400	3.978	25920.000	1027.000	25890.000	25590.000	508.000	509.300
2	19:45:53	501.000	502.200	5.794	25920.000	1025.000	25650.000	25570.000	503.900	505.900
3	19:47:01	500.600	503.500	5.424	25810.000	1033.000	25760.000	25570.000	502.600	502.600
x		501.400	503.000	5.065	25880.000	1028.000	25770.000	25580.000	504.800	505.900
σ		1.094	0.721	0.960	65.140	3.904	121.300	12.070	2.825	3.372
%RSD		0.218	0.143	18.950	0.252	0.380	0.471	0.047	0.560	0.666

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:44:44	1020.000	1019.000	1021.000	503.100	499.100	-0.735	505.200	498.100	0.291
2	19:45:53	1014.000	1013.000	1017.000	501.600	501.600	-0.991	498.300	500.900	0.689
3	19:47:01	1012.000	1019.000	1018.000	498.900	498.700	-0.353	501.500	498.200	1.988
x		1016.000	1017.000	1019.000	501.200	499.800	-0.693	501.700	499.100	0.990
σ		4.267	3.425	2.047	2.098	1.590	0.321	3.460	1.603	0.887
%RSD		0.420	0.337	0.201	0.419	0.318	46.270	0.690	0.321	89.660

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:44:44	500.100	498.800	500.500	497.400	500.900	0.005	96%	501.600	506.500
2	19:45:53	504.400	503.400	500.300	503.400	504.700	0.006	96%	507.300	505.800
3	19:47:01	502.900	504.100	503.800	505.300	502.100	0.000	96%	511.400	509.600
x		502.400	502.100	501.500	502.000	502.600	0.004	96%	506.800	507.300
σ		2.161	2.921	1.968	4.108	1.925	0.003	0%	4.921	2.052
%RSD		0.430	0.582	0.393	0.818	0.383	89.110	0	0.971	0.404

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:44:44	8.570	501.600	504.500	509.500	502.200	500.000	2514.000	2429.000	98%
2	19:45:53	10.840	507.300	504.700	507.300	500.500	503.500	2493.000	2431.000	98%
3	19:47:01	12.880	511.300	509.000	508.900	506.100	503.700	2534.000	2433.000	98%
x		10.760	506.700	506.000	508.500	502.900	502.400	2514.000	2431.000	98%
σ		2.156	4.870	2.531	1.139	2.853	2.093	20.380	2.153	0%
%RSD		20.030	0.961	0.500	0.224	0.567	0.417	0.811	0.089	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:44:44	98%	504.200	516.400	509.300	506.600	505.900	95%	515.700
2	19:45:53	98%	503.600	518.000	502.700	505.600	504.800	96%	513.100
3	19:47:01	99%	503.000	515.100	505.900	504.800	504.200	96%	512.400
x		98%	503.600	516.500	506.000	505.700	505.000	95%	513.700
σ		0%	0.603	1.470	3.300	0.897	0.820	1%	1.768
%RSD		0	0.120	0.285	0.652	0.177	0.162	1	0.344

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:52:38	98%	-0.132	10.150	0.000	4.005	3.049	2.688	2.805	0.938
2	19:53:46	100%	-0.052	8.192	0.000	13.160	11.600	11.870	11.420	4.825
3	19:54:55	99%	-0.103	8.366	0.000	12.290	8.751	8.765	8.444	3.740
x		99%	-0.096	8.901	0.000	9.818	7.801	7.775	7.557	3.168
σ		1%	0.040	1.081	0.000	5.053	4.356	4.671	4.376	2.006
%RSD		1	42.120	12.150	0.000	51.470	55.840	60.080	57.910	63.320

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:52:38	-0.443	3.802	0.000	0.000	42.010	-2.230	7.224	101%	0.029
2	19:53:46	-1.670	7.499	0.000	0.000	51.380	1.151	14.170	99%	0.157
3	19:54:55	-0.152	5.220	0.000	0.000	41.910	5.055	9.048	100%	0.092
x		-0.755	5.507	0.000	0.000	45.100	1.325	10.150	100%	0.093
σ		0.806	1.865	0.000	0.000	5.437	3.646	3.599	1%	0.064
%RSD		106.700	33.870	0.000	0.000	12.060	275.100	35.470	1	69.030

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:52:38	-0.145	-0.004	2.991	2.557	0.012	-2.845	-5.932	0.009	0.054
2	19:53:46	0.052	0.067	2.734	9.409	0.130	3.033	0.026	0.070	0.073
3	19:54:55	0.080	0.115	2.577	4.889	0.117	1.374	2.003	0.054	0.080
x		-0.004	0.059	2.767	5.618	0.086	0.521	-1.301	0.044	0.069
σ		0.122	0.060	0.209	3.484	0.064	3.031	4.131	0.032	0.013
%RSD		2898.000	101.300	7.549	62.010	74.550	582.100	317.500	72.130	19.130

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:52:38	0.048	-0.030	0.107	-0.039	0.262	0.030	-0.017	0.261	-0.227
2	19:53:46	0.166	0.130	0.264	0.071	0.130	0.024	0.352	0.129	-0.566
3	19:54:55	0.139	0.181	0.116	0.135	0.186	0.008	0.506	0.185	-1.209
x		0.117	0.094	0.162	0.055	0.193	0.021	0.280	0.192	-0.667
σ		0.062	0.110	0.089	0.088	0.066	0.012	0.268	0.066	0.499
%RSD		52.750	117.100	54.600	159.000	34.420	56.240	95.740	34.400	74.760

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:52:38	1.429	1.348	1.367	1.258	1.333	0.000	102%	-0.497	0.023
2	19:53:46	1.080	1.111	1.179	1.183	1.093	0.000	100%	-0.483	0.107
3	19:54:55	0.843	0.780	0.894	0.906	0.805	0.000	101%	0.005	0.063
x		1.117	1.080	1.147	1.115	1.077	0.000	101%	-0.325	0.064
σ		0.295	0.285	0.238	0.186	0.264	0.000	1%	0.286	0.042
%RSD		26.400	26.420	20.790	16.630	24.530	0.000	1	87.980	65.500

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:52:38	0.234	-0.495	0.041	-0.010	0.339	0.867	0.068	0.089	101%
2	19:53:46	0.275	-0.481	0.103	0.054	0.315	0.723	0.368	0.365	99%
3	19:54:55	0.068	0.008	0.060	0.069	0.244	0.534	0.206	0.275	100%
x		0.192	-0.323	0.068	0.038	0.300	0.708	0.214	0.243	100%
σ		0.110	0.287	0.031	0.042	0.049	0.167	0.150	0.141	1%
%RSD		57.170	88.830	46.070	111.900	16.450	23.590	70.200	57.890	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:52:38	100%	0.018	0.021	0.027	0.039	0.029	100%	0.034
2	19:53:46	99%	0.090	0.085	0.099	0.098	0.092	99%	0.081
3	19:54:55	99%	0.060	0.058	0.053	0.071	0.061	101%	0.053
x		100%	0.056	0.055	0.060	0.069	0.061	100%	0.056
σ		1%	0.036	0.033	0.037	0.029	0.032	1%	0.023
%RSD		1	64.380	59.490	61.340	42.370	52.120	1	41.930

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:00:31	101%	0.908	6.689	0.000	511.500	500.000	503.400	507.100	23.200
2	20:01:39	101%	0.827	8.194	0.000	516.100	505.000	507.500	505.300	23.290
3	20:02:47	101%	0.776	10.020	0.000	508.500	508.500	506.800	503.900	23.640
x		101%	0.837	8.301	0.000	512.100	504.500	505.900	505.400	23.380
σ		0%	0.067	1.668	0.000	3.814	4.256	2.206	1.595	0.233
%RSD		0	7.967	20.100	0.000	0.745	0.844	0.436	0.316	0.997

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:00:31	6.676	4.850	0.000	0.000	558.700	509.300	495.400	100%	4.889
2	20:01:39	5.989	5.959	0.000	0.000	557.300	520.900	488.200	101%	4.737
3	20:02:47	6.072	4.865	0.000	0.000	552.700	492.700	493.800	101%	4.996
x		6.245	5.224	0.000	0.000	556.200	507.600	492.400	101%	4.874
σ		0.375	0.636	0.000	0.000	3.126	14.180	3.770	1%	0.130
%RSD		6.005	12.170	0.000	0.000	0.562	2.794	0.766	1	2.671

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:00:31	4.664	2.045	2.115	213.100	1.074	207.300	205.100	1.101	1.118
2	20:01:39	4.882	2.022	1.870	210.900	1.126	209.800	199.300	1.021	1.138
3	20:02:47	4.966	1.949	1.672	209.200	1.123	209.500	209.400	1.017	1.091
x		4.837	2.005	1.886	211.100	1.108	208.900	204.600	1.046	1.116
σ		0.156	0.050	0.222	1.953	0.029	1.380	5.072	0.047	0.024
%RSD		3.222	2.488	11.760	0.926	2.660	0.661	2.479	4.497	2.148

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:00:31	2.072	2.257	2.163	0.917	4.253	0.027	5.404	4.236	1.001
2	20:01:39	2.073	2.069	1.951	0.769	3.146	0.046	5.079	3.135	3.998
3	20:02:47	2.172	2.205	2.154	1.009	5.595	0.004	4.861	5.577	-1.193
x		2.106	2.177	2.090	0.898	4.331	0.025	5.115	4.316	1.269
σ		0.058	0.097	0.120	0.121	1.226	0.021	0.273	1.223	2.606
%RSD		2.737	4.460	5.735	13.470	28.310	83.200	5.345	28.340	205.400

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:00:31	4.823	4.908	5.079	5.078	5.004	0.000	100%	0.850	1.061
2	20:01:39	5.247	5.107	5.095	5.253	5.122	0.002	101%	1.317	1.064
3	20:02:47	4.959	5.015	4.970	4.921	4.957	0.002	101%	0.391	1.027
x		5.010	5.010	5.048	5.084	5.028	0.001	100%	0.852	1.051
σ		0.217	0.100	0.068	0.166	0.085	0.001	0%	0.463	0.021
%RSD		4.330	1.990	1.344	3.265	1.690	86.600	0	54.350	1.968

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:00:31	0.103	0.851	1.037	1.069	4.937	2.179	9.718	9.693	100%
2	20:01:39	-0.024	1.322	0.984	1.098	4.894	2.118	9.831	9.556	99%
3	20:02:47	0.342	0.395	0.994	0.877	4.931	2.235	9.962	9.750	99%
x		0.140	0.856	1.005	1.014	4.921	2.177	9.837	9.666	99%
σ		0.186	0.464	0.029	0.120	0.023	0.059	0.122	0.100	1%
%RSD		132.600	54.140	2.846	11.830	0.468	2.687	1.238	1.031	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:00:31	99%	1.034	1.029	1.034	1.036	1.046	99%	0.983
2	20:01:39	99%	1.000	1.056	1.012	1.043	1.037	99%	1.019
3	20:02:47	99%	1.054	1.023	1.002	1.004	1.008	99%	0.984
x		99%	1.029	1.036	1.016	1.028	1.030	99%	0.995
σ		0%	0.027	0.017	0.016	0.021	0.020	0%	0.020
%RSD		0	2.631	1.680	1.577	2.061	1.902	0	2.044

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:08:24	101%	0.333	3.738	0.000	252.100	258.500	260.000	263.100	11.680
2	20:09:32	100%	0.499	5.051	0.000	249.700	257.800	260.100	259.500	11.570
3	20:10:40	102%	0.378	5.675	0.000	249.200	259.100	255.400	260.600	11.690
x		101%	0.403	4.821	0.000	250.400	258.500	258.500	261.100	11.650
σ		1%	0.086	0.988	0.000	1.575	0.654	2.671	1.829	0.068
%RSD		1	21.310	20.500	0.000	0.629	0.253	1.033	0.701	0.588

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:08:24	1.973	3.878	0.000	0.000	301.100	247.900	237.400	101%	2.595
2	20:09:32	3.957	2.947	0.000	0.000	300.400	256.700	248.100	101%	3.006
3	20:10:40	2.559	0.183	0.000	0.000	304.500	263.300	251.200	101%	2.530
x		2.830	2.336	0.000	0.000	302.000	256.000	245.600	101%	2.710
σ		1.019	1.922	0.000	0.000	2.185	7.721	7.244	0%	0.258
%RSD		36.020	82.270	0.000	0.000	0.724	3.016	2.950	0	9.525

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:08:24	2.563	0.939	1.452	105.400	1.357	104.600	106.600	0.501	0.581
2	20:09:32	2.481	1.068	1.399	108.600	1.328	105.200	107.700	0.466	0.553
3	20:10:40	2.339	1.093	1.587	106.800	1.315	105.500	105.100	0.532	0.645
x		2.461	1.033	1.480	106.900	1.333	105.100	106.500	0.500	0.593
σ		0.113	0.082	0.097	1.605	0.022	0.488	1.269	0.033	0.047
%RSD		4.600	7.952	6.556	1.501	1.639	0.464	1.192	6.532	7.954

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:08:24	1.001	1.133	1.094	0.449	2.076	0.012	2.454	2.069	-0.307
2	20:09:32	1.027	1.052	1.175	0.495	1.863	0.018	3.019	1.856	-0.760
3	20:10:40	1.061	1.099	1.009	0.670	2.392	-0.015	2.146	2.383	0.619
x		1.029	1.095	1.093	0.538	2.110	0.005	2.540	2.103	-0.149
σ		0.030	0.041	0.083	0.117	0.267	0.018	0.443	0.265	0.703
%RSD		2.928	3.716	7.565	21.720	12.630	367.200	17.430	12.620	470.600

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:08:24	2.552	2.710	2.628	2.523	2.485	0.002	101%	0.341	0.551
2	20:09:32	2.758	2.493	2.620	2.566	2.576	0.000	101%	-0.037	0.549
3	20:10:40	2.542	2.415	2.528	2.601	2.538	0.005	101%	1.466	0.547
x		2.617	2.539	2.592	2.563	2.533	0.002	101%	0.590	0.549
σ		0.122	0.153	0.055	0.039	0.046	0.002	0%	0.782	0.002
%RSD		4.661	6.030	2.133	1.520	1.806	114.700	0	132.500	0.337

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:08:24	0.003	0.349	0.553	0.501	2.558	1.114	5.178	4.708	98%
2	20:09:32	0.183	-0.033	0.490	0.506	2.419	1.113	4.911	4.749	99%
3	20:10:40	-0.480	1.473	0.514	0.528	2.426	1.114	4.881	4.718	98%
x		-0.098	0.596	0.519	0.512	2.467	1.114	4.990	4.725	98%
σ		0.343	0.783	0.032	0.014	0.078	0.001	0.164	0.021	1%
%RSD		350.500	131.300	6.182	2.775	3.169	0.067	3.278	0.451	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:08:24	98%	0.528	0.505	0.527	0.549	0.530	98%	0.519
2	20:09:32	99%	0.525	0.489	0.548	0.486	0.503	99%	0.495
3	20:10:40	98%	0.529	0.525	0.532	0.526	0.528	98%	0.497
x		99%	0.527	0.507	0.536	0.521	0.520	98%	0.504
σ		1%	0.002	0.018	0.011	0.032	0.015	1%	0.013
%RSD		1	0.347	3.504	2.085	6.140	2.950	1	2.618

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:16:17	99%	-0.115	2.525	0.000	-6.474	2.902	2.895	2.548	1.461
2	20:17:25	98%	-0.112	1.232	0.000	-4.103	3.002	2.310	3.322	1.571
3	20:18:34	98%	-0.147	1.101	0.000	-3.394	3.176	2.543	2.919	1.451
x		98%	-0.125	1.620	0.000	-4.657	3.027	2.583	2.930	1.494
σ		0%	0.019	0.787	0.000	1.613	0.139	0.295	0.388	0.067
%RSD		0	15.440	48.590	0.000	34.630	4.586	11.410	13.230	4.455

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:16:17	0.328	1.797	0.000	0.000	40.160	-2.216	-3.978	100%	0.045
2	20:17:25	-0.023	2.093	0.000	0.000	44.710	2.746	-3.652	100%	-0.061
3	20:18:34	0.055	3.709	0.000	0.000	46.670	-3.780	-6.106	100%	-0.031
x		0.120	2.533	0.000	0.000	43.850	-1.083	-4.578	100%	-0.016
σ		0.184	1.029	0.000	0.000	3.337	3.408	1.333	0%	0.055
%RSD		153.500	40.640	0.000	0.000	7.611	314.600	29.120	0	351.300

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:16:17	0.076	0.003	1.172	3.002	0.084	-0.227	2.385	0.007	0.001
2	20:17:25	0.076	0.020	1.079	5.222	0.100	0.659	2.197	0.010	-0.032
3	20:18:34	-0.060	-0.007	1.244	3.380	0.067	0.371	2.510	0.004	-0.001
x		0.031	0.005	1.165	3.868	0.084	0.267	2.364	0.007	-0.011
σ		0.078	0.014	0.083	1.188	0.016	0.452	0.157	0.003	0.019
%RSD		255.100	252.600	7.095	30.710	19.700	169.100	6.661	44.490	176.400

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:16:17	0.009	-0.041	0.089	-0.001	-0.007	0.005	0.279	-0.007	-0.352
2	20:17:25	-0.027	0.010	0.042	-0.117	-0.320	0.028	-0.148	-0.319	1.399
3	20:18:34	-0.012	0.038	0.123	-0.194	-0.456	0.041	0.533	-0.454	2.732
x		-0.010	0.002	0.085	-0.104	-0.261	0.025	0.221	-0.260	1.259
σ		0.018	0.040	0.041	0.097	0.230	0.019	0.344	0.229	1.547
%RSD		183.000	1638.000	48.140	93.570	88.250	74.850	155.500	88.270	122.800

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:16:17	0.127	0.104	0.130	0.153	0.086	0.002	100%	-0.164	0.008
2	20:17:25	0.106	0.115	0.095	0.154	0.094	0.003	100%	1.057	0.004
3	20:18:34	0.097	0.058	0.101	0.097	0.120	0.000	100%	-0.272	0.001
x		0.110	0.092	0.109	0.135	0.100	0.002	100%	0.207	0.004
σ		0.015	0.030	0.019	0.033	0.018	0.002	0%	0.738	0.004
%RSD		13.770	32.420	17.140	24.330	17.680	100.200	0	356.400	87.960

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:16:17	0.075	-0.159	0.004	0.004	0.036	0.063	0.057	0.027	98%
2	20:17:25	-0.502	1.062	0.014	0.070	0.047	0.106	0.039	0.020	98%
3	20:18:34	0.127	-0.269	0.012	0.005	0.031	0.069	0.065	0.034	98%
x		-0.100	0.212	0.010	0.026	0.038	0.079	0.054	0.027	98%
σ		0.349	0.739	0.005	0.038	0.008	0.023	0.013	0.007	0%
%RSD		349.300	349.200	50.740	142.400	20.740	29.160	24.620	26.230	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:16:17	97%	0.017	0.012	0.016	0.021	0.016	98%	0.006
2	20:17:25	98%	0.010	0.025	0.010	0.019	0.015	99%	0.010
3	20:18:34	98%	0.017	0.022	0.016	0.020	0.014	98%	0.006
x		98%	0.015	0.020	0.014	0.020	0.015	98%	0.007
σ		0%	0.004	0.007	0.004	0.001	0.001	0%	0.002
%RSD		0	30.210	34.120	25.670	4.780	7.469	0	30.480

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:24:11	100%	-0.099	0.832	0.000	2.670	4.659	4.055	4.487	1.576
2	20:25:20	100%	-0.158	0.946	0.000	3.347	4.920	5.473	4.339	1.860
3	20:26:28	102%	-0.134	1.006	0.000	-4.028	4.753	5.143	5.354	1.557
x		100%	-0.130	0.928	0.000	0.663	4.777	4.890	4.727	1.664
σ		2%	0.030	0.088	0.000	4.076	0.132	0.742	0.548	0.170
%RSD		1	23.090	9.479	0.000	614.800	2.766	15.170	11.590	10.210

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:24:11	-1.041	3.214	0.000	0.000	37.550	10.500	-7.149	101%	0.028
2	20:25:20	-0.763	5.979	0.000	0.000	33.900	-0.021	-5.363	102%	-0.066
3	20:26:28	-0.207	2.108	0.000	0.000	35.070	4.074	-8.458	101%	-0.079
x		-0.670	3.767	0.000	0.000	35.510	4.852	-6.990	102%	-0.039
σ		0.425	1.994	0.000	0.000	1.863	5.305	1.554	0%	0.058
%RSD		63.410	52.920	0.000	0.000	5.248	109.300	22.230	0	149.000

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:24:11	-0.084	-0.034	1.052	5.044	0.083	-0.664	-3.537	0.012	0.048
2	20:25:20	-0.060	-0.020	0.881	3.380	0.133	-1.399	-5.334	0.016	0.087
3	20:26:28	-0.205	0.009	1.123	2.922	0.106	0.423	-0.360	0.032	-0.043
x		-0.116	-0.015	1.019	3.782	0.108	-0.547	-3.077	0.020	0.031
σ		0.078	0.022	0.124	1.117	0.025	0.917	2.519	0.010	0.067
%RSD		66.600	145.200	12.180	29.530	23.250	167.500	81.840	52.670	218.300

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:24:11	0.046	0.024	0.032	0.104	0.069	-0.000	0.219	0.069	-0.796
2	20:25:20	0.034	0.018	0.074	-0.037	-0.275	0.014	0.123	-0.274	2.590
3	20:26:28	-0.001	0.068	0.133	0.026	0.107	-0.001	0.445	0.107	0.415
x		0.026	0.037	0.080	0.031	-0.033	0.004	0.262	-0.033	0.736
σ		0.025	0.027	0.051	0.071	0.211	0.009	0.166	0.210	1.715
%RSD		93.410	74.420	63.660	228.100	638.700	209.400	63.090	638.500	233.000

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:24:11	0.035	0.066	0.121	0.050	0.072	0.001	102%	-0.640	0.011
2	20:25:20	0.068	0.062	0.076	0.071	0.050	0.001	102%	-0.055	0.007
3	20:26:28	0.060	0.068	0.046	0.090	0.049	0.003	102%	0.333	0.004
x		0.054	0.065	0.081	0.070	0.057	0.002	102%	-0.121	0.008
σ		0.017	0.003	0.038	0.020	0.013	0.001	0%	0.489	0.003
%RSD		31.490	4.053	46.850	28.720	23.100	43.320	0	405.500	46.120

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:24:11	0.350	-0.640	0.015	-0.020	0.054	0.059	0.051	0.063	102%
2	20:25:20	0.096	-0.054	0.013	0.024	0.053	0.054	0.076	0.070	102%
3	20:26:28	-0.159	0.336	0.006	0.035	0.045	0.070	0.068	0.059	101%
x		0.096	-0.119	0.011	0.013	0.051	0.061	0.065	0.064	101%
σ		0.254	0.491	0.005	0.029	0.005	0.008	0.013	0.006	1%
%RSD		265.700	412.300	43.860	221.000	10.150	12.950	19.830	8.676	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:24:11	101%	0.023	0.025	0.027	0.031	0.028	101%	0.015
2	20:25:20	101%	0.019	0.030	0.020	0.026	0.022	102%	0.014
3	20:26:28	101%	0.026	0.030	0.035	0.011	0.026	101%	0.015
x		101%	0.023	0.028	0.027	0.023	0.025	101%	0.015
σ		0%	0.003	0.003	0.007	0.010	0.003	0%	0.001
%RSD		0	14.890	10.170	27.380	45.080	13.120	0	4.546

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:32:05	103%	1.966	10.060	0.000	979.300	966.500	963.000	966.600	41.120
2	20:33:13	103%	1.709	11.430	0.000	989.800	982.000	968.400	992.000	42.310
3	20:34:21	103%	1.482	8.278	0.000	986.700	984.200	977.300	980.300	41.580
x		103%	1.719	9.923	0.000	985.200	977.500	969.600	979.600	41.670
σ		0%	0.242	1.580	0.000	5.406	9.609	7.192	12.700	0.597
%RSD		0	14.090	15.920	0.000	0.549	0.983	0.742	1.297	1.432

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:32:05	8.172	3.691	0.000	0.000	1015.000	958.200	941.100	104%	8.337
2	20:33:13	10.760	-1.855	0.000	0.000	1040.000	953.500	944.900	103%	9.858
3	20:34:21	9.890	-0.829	0.000	0.000	1029.000	996.100	961.600	104%	10.190
x		9.608	0.336	0.000	0.000	1028.000	969.300	949.200	104%	9.461
σ		1.317	2.951	0.000	0.000	12.460	23.330	10.940	0%	0.988
%RSD		13.700	879.000	0.000	0.000	1.212	2.407	1.153	0	10.440

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:32:05	9.088	4.153	0.553	393.500	2.005	402.600	383.700	1.981	2.056
2	20:33:13	9.372	4.120	0.750	405.700	2.081	411.300	402.200	1.991	2.157
3	20:34:21	9.302	4.197	0.683	404.700	2.056	410.400	401.100	2.018	2.230
x		9.254	4.157	0.662	401.300	2.047	408.100	395.700	1.997	2.148
σ		0.148	0.038	0.100	6.746	0.039	4.770	10.400	0.019	0.087
%RSD		1.598	0.922	15.100	1.681	1.883	1.169	2.627	0.963	4.047

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:32:05	4.035	3.999	4.086	1.920	9.560	0.001	9.216	9.531	2.252
2	20:33:13	4.081	4.194	4.238	1.935	9.741	-0.012	9.232	9.710	-0.880
3	20:34:21	4.110	3.902	4.260	2.099	8.846	-0.045	9.322	8.816	0.584
x		4.075	4.032	4.195	1.984	9.382	-0.019	9.257	9.352	0.652
σ		0.038	0.149	0.095	0.099	0.473	0.023	0.057	0.473	1.567
%RSD		0.928	3.699	2.259	4.999	5.041	126.400	0.617	5.060	240.400

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:32:05	8.864	9.108	9.153	8.914	8.939	0.003	103%	2.763	2.022
2	20:33:13	9.507	9.371	9.444	8.895	9.208	0.000	102%	1.945	2.006
3	20:34:21	9.319	9.035	9.410	9.410	9.230	0.000	103%	2.008	1.986
x		9.230	9.171	9.336	9.073	9.126	0.001	103%	2.239	2.005
σ		0.331	0.177	0.159	0.292	0.162	0.002	1%	0.455	0.018
%RSD		3.581	1.925	1.705	3.220	1.776	173.200	1	20.330	0.887

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:32:05	-0.464	2.767	1.913	2.009	9.289	3.848	18.640	18.250	102%
2	20:33:13	0.094	1.948	2.058	1.882	9.350	4.021	19.030	18.230	102%
3	20:34:21	-0.157	2.013	1.994	2.052	9.559	3.874	19.250	18.820	102%
x		-0.176	2.243	1.988	1.981	9.400	3.914	18.970	18.430	102%
σ		0.279	0.455	0.073	0.089	0.142	0.093	0.311	0.335	0%
%RSD		158.700	20.290	3.653	4.482	1.508	2.383	1.637	1.815	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:32:05	102%	1.916	1.888	1.887	1.951	1.910	102%	1.890
2	20:33:13	102%	1.936	1.961	1.957	1.952	1.982	102%	1.915
3	20:34:21	101%	1.927	1.942	2.004	1.896	1.972	101%	1.950
x		102%	1.926	1.930	1.949	1.933	1.954	102%	1.918
σ		0%	0.010	0.038	0.059	0.032	0.039	0%	0.030
%RSD		0	0.510	1.949	3.032	1.658	2.001	0	1.562

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:40:00	101%	1.738	10.150	0.000	1028.000	1022.000	1023.000	1024.000	44.090
2	20:41:08	102%	1.752	11.370	0.000	1016.000	1005.000	1010.000	1010.000	44.460
3	20:42:17	105%	2.044	10.710	0.000	962.900	970.300	964.700	970.500	41.470
x		103%	1.845	10.750	0.000	1002.000	999.100	999.200	1002.000	43.340
σ		2%	0.173	0.610	0.000	34.740	26.440	30.650	27.860	1.627
%RSD		2	9.363	5.674	0.000	3.466	2.647	3.067	2.782	3.755

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:40:00	9.423	1.204	0.000	0.000	1067.000	1001.000	967.100	103%	9.824
2	20:41:08	11.620	3.096	0.000	0.000	1070.000	995.300	967.500	102%	10.010
3	20:42:17	9.731	0.975	0.000	0.000	1016.000	989.200	924.800	105%	8.878
x		10.260	1.758	0.000	0.000	1051.000	995.300	953.100	103%	9.572
σ		1.189	1.164	0.000	0.000	30.260	6.120	24.520	2%	0.608
%RSD		11.590	66.200	0.000	0.000	2.879	0.615	2.572	2	6.353

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:40:00	9.492	4.229	0.757	413.200	2.087	417.700	400.700	2.049	2.199
2	20:41:08	9.799	4.301	0.328	419.000	2.104	423.800	412.200	2.047	2.343
3	20:42:17	9.316	4.170	0.564	397.500	2.079	405.200	382.800	1.952	2.251
x		9.536	4.234	0.550	409.900	2.090	415.600	398.600	2.016	2.264
σ		0.245	0.065	0.215	11.120	0.013	9.526	14.800	0.055	0.073
%RSD		2.564	1.542	39.030	2.712	0.605	2.292	3.713	2.749	3.230

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:40:00	4.384	4.434	4.275	1.536	9.248	0.078	10.380	9.224	0.858
2	20:41:08	4.398	4.214	4.308	1.818	9.315	0.011	9.914	9.286	-0.587
3	20:42:17	4.123	4.006	3.927	1.924	9.051	-0.019	10.170	9.033	1.434
x		4.302	4.218	4.170	1.760	9.205	0.023	10.160	9.181	0.569
σ		0.155	0.214	0.211	0.200	0.138	0.050	0.234	0.132	1.041
%RSD		3.601	5.076	5.063	11.390	1.494	213.400	2.302	1.437	183.200

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:40:00	9.724	9.607	9.627	9.795	9.360	0.000	101%	1.962	2.051
2	20:41:08	9.618	9.392	9.645	9.646	9.544	0.000	101%	1.954	2.050
3	20:42:17	9.394	9.110	9.230	9.248	9.288	0.003	103%	3.121	2.059
x		9.579	9.370	9.501	9.563	9.397	0.001	102%	2.346	2.054
σ		0.169	0.249	0.234	0.283	0.132	0.002	1%	0.671	0.005
%RSD		1.760	2.661	2.465	2.956	1.403	173.200	1	28.630	0.241

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:40:00	0.048	1.967	2.033	1.944	9.754	3.947	19.660	19.300	100%
2	20:41:08	0.265	1.960	2.010	2.029	9.435	4.093	20.250	19.060	100%
3	20:42:17	-0.471	3.129	1.988	2.186	9.401	3.992	19.260	18.380	101%
x		-0.052	2.352	2.011	2.053	9.530	4.011	19.720	18.910	100%
σ		0.378	0.673	0.022	0.123	0.195	0.075	0.496	0.477	1%
%RSD		721.600	28.610	1.115	5.970	2.042	1.864	2.517	2.522	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:40:00	100%	2.075	1.999	2.014	2.020	2.014	99%	1.983
2	20:41:08	100%	2.009	1.981	1.979	1.979	2.002	100%	1.907
3	20:42:17	101%	1.993	1.970	1.932	1.935	1.946	101%	1.915
x		100%	2.026	1.983	1.975	1.978	1.987	100%	1.935
σ		1%	0.043	0.015	0.041	0.043	0.036	1%	0.042
%RSD		1	2.132	0.739	2.082	2.159	1.834	1	2.147

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:47:56	104%	-0.193	19.060	0.000	13440.000	11280.000	11010.000	11110.000	139.700
2	20:49:04	101%	-0.162	21.530	0.000	14010.000	11780.000	11450.000	11540.000	152.000
3	20:50:12	100%	-0.161	21.240	0.000	14080.000	11810.000	11530.000	11660.000	148.000
x		102%	-0.172	20.610	0.000	13840.000	11620.000	11330.000	11440.000	146.600
σ		2%	0.018	1.346	0.000	354.000	297.000	279.500	285.300	6.302
%RSD		2	10.360	6.532	0.000	2.557	2.555	2.467	2.495	4.300

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:47:56	6920.000	56.780	0.000	0.000	2279.000	26720.000	26290.000	104%	5.792
2	20:49:04	7207.000	61.270	0.000	0.000	2374.000	28040.000	27160.000	103%	3.511
3	20:50:12	7280.000	59.260	0.000	0.000	2366.000	27950.000	27140.000	103%	4.331
x		7136.000	59.110	0.000	0.000	2340.000	27570.000	26870.000	104%	4.545
σ		190.500	2.250	0.000	0.000	52.740	734.100	496.200	1%	1.155
%RSD		2.670	3.808	0.000	0.000	2.254	2.663	1.847	1	25.420

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:47:56	0.715	0.247	1.046	137.300	6.265	148.700	219.200	0.122	0.750
2	20:49:04	0.722	0.323	1.159	147.000	6.438	154.700	221.800	0.134	0.669
3	20:50:12	0.718	0.346	1.200	138.700	6.414	153.000	212.900	0.137	0.687
x		0.718	0.305	1.135	141.000	6.372	152.100	218.000	0.131	0.702
σ		0.003	0.052	0.080	5.249	0.094	3.065	4.593	0.008	0.043
%RSD		0.471	17.080	7.059	3.722	1.476	2.015	2.107	5.826	6.088

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:47:56	1.549	1.639	4.594	1.747	0.011	-0.008	-0.061	0.011	-0.462
2	20:49:04	1.493	1.512	4.961	1.735	0.068	0.009	0.387	0.068	0.737
3	20:50:12	1.455	1.576	4.990	1.706	0.202	0.013	0.393	0.201	0.504
x		1.499	1.576	4.849	1.729	0.094	0.005	0.240	0.094	0.260
σ		0.047	0.063	0.221	0.021	0.098	0.011	0.261	0.097	0.636
%RSD		3.147	4.030	4.553	1.214	104.300	231.400	108.600	104.000	244.700

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:47:56	1.494	0.668	0.698	0.651	0.623	0.000	100%	0.231	0.016
2	20:49:04	1.304	0.626	0.678	0.715	0.599	0.002	101%	1.152	0.011
3	20:50:12	1.227	0.630	0.625	0.599	0.596	0.000	101%	0.225	0.007
x		1.341	0.641	0.667	0.655	0.606	0.001	101%	0.536	0.011
σ		0.138	0.023	0.038	0.058	0.015	0.001	1%	0.534	0.004
%RSD		10.250	3.618	5.709	8.859	2.482	173.200	1	99.590	39.160

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:47:56	-0.060	0.229	0.021	0.044	0.056	0.144	173.100	166.900	101%
2	20:49:04	-0.523	1.157	0.023	0.094	0.060	0.128	175.100	167.300	100%
3	20:50:12	-0.012	0.228	0.017	0.010	0.062	0.137	172.400	166.500	100%
x		-0.199	0.538	0.021	0.050	0.060	0.136	173.600	166.900	100%
σ		0.282	0.536	0.003	0.042	0.003	0.008	1.398	0.394	0%
%RSD		142.100	99.620	15.900	85.470	5.101	5.937	0.805	0.236	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:47:56	100%	0.049	0.047	0.362	0.307	0.327	100%	2.254
2	20:49:04	99%	0.045	0.045	0.353	0.341	0.328	99%	2.318
3	20:50:12	100%	0.035	0.037	0.351	0.310	0.311	99%	2.270
x		100%	0.043	0.043	0.355	0.319	0.322	99%	2.281
σ		1%	0.007	0.005	0.006	0.018	0.009	0%	0.033
%RSD		1	16.780	11.750	1.694	5.764	2.879	0	1.452

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:55:51	102%	-0.036	19.980	0.000	14310.000	11860.000	11540.000	11570.000	148.200
2	20:56:59	103%	-0.221	20.510	0.000	14360.000	11840.000	11380.000	11510.000	147.000
3	20:58:07	102%	-0.128	17.760	0.000	14180.000	11810.000	11510.000	11510.000	152.800
x		102%	-0.128	19.420	0.000	14280.000	11840.000	11470.000	11530.000	149.300
σ		1%	0.093	1.457	0.000	93.740	25.870	85.120	36.940	3.062
%RSD		1	72.380	7.505	0.000	0.656	0.219	0.742	0.320	2.050

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:55:51	7167.000	65.810	0.000	0.000	2439.000	28850.000	28130.000	103%	6.528
2	20:56:59	6988.000	190.400	0.000	0.000	2435.000	28750.000	27970.000	105%	4.617
3	20:58:07	7037.000	72.230	0.000	0.000	2412.000	28500.000	27710.000	104%	4.717
x		7064.000	109.500	0.000	0.000	2429.000	28700.000	27940.000	104%	5.288
σ		92.600	70.130	0.000	0.000	14.880	179.100	210.400	1%	1.075
%RSD		1.311	64.070	0.000	0.000	0.613	0.624	0.753	1	20.340

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:55:51	0.903	0.437	0.989	151.500	7.555	164.900	230.700	0.157	0.673
2	20:56:59	0.922	0.448	1.240	298.600	8.060	161.400	222.600	0.153	0.654
3	20:58:07	0.724	0.381	1.228	151.400	7.531	160.400	219.400	0.167	0.525
x		0.850	0.422	1.152	200.500	7.716	162.200	224.200	0.159	0.617
σ		0.109	0.036	0.141	84.950	0.299	2.346	5.846	0.007	0.080
%RSD		12.850	8.552	12.260	42.380	3.873	1.446	2.607	4.626	13.030

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:55:51	1.654	1.713	3.111	1.834	0.146	-0.007	1.229	0.145	0.216
2	20:56:59	1.654	1.726	3.087	1.787	0.303	0.014	0.161	0.303	24.380
3	20:58:07	1.663	1.744	3.157	1.859	0.068	0.004	0.058	0.068	1.480
x		1.657	1.728	3.118	1.827	0.172	0.003	0.482	0.172	8.693
σ		0.005	0.015	0.036	0.037	0.120	0.010	0.649	0.120	13.600
%RSD		0.326	0.892	1.155	2.022	69.800	300.700	134.400	69.690	156.500

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:55:51	1.284	0.557	0.573	0.494	0.550	0.002	101%	-0.256	0.010
2	20:56:59	1.435	0.577	0.579	0.582	0.500	0.000	104%	0.342	0.008
3	20:58:07	1.423	0.493	0.593	0.520	0.504	0.001	101%	0.625	0.006
x		1.381	0.542	0.582	0.532	0.518	0.001	102%	0.237	0.008
σ		0.084	0.044	0.010	0.045	0.028	0.001	2%	0.450	0.002
%RSD		6.063	8.068	1.770	8.473	5.318	86.600	2	190.000	25.370

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:55:51	0.216	-0.253	0.016	0.005	0.050	0.146	176.900	169.400	99%
2	20:56:59	-0.070	0.344	0.009	0.031	0.050	0.141	176.000	168.100	103%
3	20:58:07	-0.225	0.626	0.010	0.046	0.043	0.118	174.100	169.400	101%
x		-0.026	0.239	0.012	0.027	0.048	0.135	175.700	169.000	101%
σ		0.223	0.449	0.004	0.021	0.004	0.015	1.409	0.754	2%
%RSD		851.400	188.000	32.520	75.480	9.379	11.090	0.802	0.446	2

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:55:51	99%	0.040	0.043	0.404	0.393	0.388	99%	2.306
2	20:56:59	102%	0.027	0.035	0.403	0.335	0.366	102%	2.262
3	20:58:07	101%	0.034	0.033	0.381	0.340	0.360	101%	2.271
x		101%	0.034	0.037	0.396	0.356	0.372	101%	2.280
σ		2%	0.006	0.005	0.013	0.032	0.014	2%	0.023
%RSD		2	18.730	14.240	3.243	9.024	3.877	2	1.026

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:03:46	102%	-0.199	19.850	0.000	14460.000	11680.000	11360.000	11430.000	129.700
2	21:04:54	101%	-0.137	22.400	0.000	14820.000	11980.000	11640.000	11690.000	129.600
3	21:06:02	102%	-0.134	18.130	0.000	14540.000	11680.000	11390.000	11440.000	132.000
x		102%	-0.157	20.130	0.000	14610.000	11780.000	11460.000	11520.000	130.500
σ		1%	0.036	2.150	0.000	189.400	173.500	153.100	149.100	1.377
%RSD		1	23.160	10.680	0.000	1.297	1.473	1.336	1.294	1.055

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:03:46	6873.000	60.500	0.000	0.000	2408.000	27670.000	27060.000	104%	3.743
2	21:04:54	7070.000	63.820	0.000	0.000	2454.000	28350.000	27710.000	103%	5.241
3	21:06:02	6877.000	64.820	0.000	0.000	2421.000	28220.000	27290.000	103%	4.970
x		6940.000	63.050	0.000	0.000	2428.000	28080.000	27360.000	103%	4.651
σ		112.600	2.262	0.000	0.000	23.490	360.000	329.200	0%	0.798
%RSD		1.622	3.587	0.000	0.000	0.968	1.282	1.204	0	17.160

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:03:46	0.708	0.180	1.083	145.000	8.851	160.200	212.100	0.160	0.716
2	21:04:54	0.915	0.161	0.739	145.600	9.231	161.500	210.300	0.148	0.757
3	21:06:02	0.753	0.181	0.984	145.700	8.952	159.000	219.400	0.146	0.595
x		0.792	0.174	0.935	145.400	9.011	160.200	213.900	0.151	0.689
σ		0.109	0.011	0.177	0.405	0.197	1.234	4.839	0.007	0.084
%RSD		13.750	6.576	18.960	0.278	2.180	0.770	2.262	4.862	12.220

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:03:46	1.813	1.742	4.215	1.737	0.143	0.002	0.326	0.143	-0.218
2	21:04:54	1.809	1.890	4.315	1.683	-0.393	0.032	0.620	-0.392	2.392
3	21:06:02	1.837	1.696	4.168	1.967	0.487	-0.022	0.389	0.486	-1.180
x		1.820	1.776	4.233	1.796	0.079	0.004	0.445	0.079	0.332
σ		0.015	0.101	0.075	0.151	0.443	0.027	0.155	0.443	1.848
%RSD		0.827	5.690	1.763	8.410	560.800	721.000	34.800	560.900	557.500

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:03:46	1.162	0.513	0.554	0.487	0.506	0.001	102%	-0.413	0.008
2	21:04:54	1.110	0.513	0.466	0.524	0.509	0.000	100%	1.011	0.003
3	21:06:02	1.114	0.488	0.588	0.564	0.529	0.001	102%	-0.052	0.000
x		1.129	0.505	0.536	0.525	0.515	0.001	101%	0.182	0.004
σ		0.029	0.015	0.063	0.038	0.013	0.001	1%	0.740	0.004
%RSD		2.575	2.889	11.730	7.316	2.443	86.600	1	406.800	103.500

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:03:46	0.242	-0.413	0.006	0.008	0.056	0.098	172.800	165.200	102%
2	21:04:54	-0.356	1.008	0.004	0.066	0.032	0.116	175.700	169.800	101%
3	21:06:02	0.072	-0.052	0.003	0.004	0.029	0.110	175.500	168.500	102%
x		-0.014	0.181	0.004	0.026	0.039	0.108	174.700	167.800	102%
σ		0.308	0.739	0.001	0.035	0.015	0.009	1.633	2.345	0%
%RSD		2214.000	407.500	26.390	134.400	38.030	8.465	0.935	1.397	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:03:46	101%	0.020	0.023	0.426	0.394	0.419	102%	2.274
2	21:04:54	101%	0.023	0.022	0.465	0.410	0.438	101%	2.310
3	21:06:02	103%	0.027	0.029	0.447	0.360	0.409	102%	2.269
x		102%	0.023	0.024	0.446	0.388	0.422	101%	2.284
σ		1%	0.003	0.004	0.019	0.026	0.015	1%	0.022
%RSD		1	13.700	15.700	4.368	6.662	3.563	0	0.975

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:11:41	101%	-0.189	23.480	0.000	6601.000	8538.000	8309.000	8252.000	38.440
2	21:12:50	104%	-0.235	23.590	0.000	6304.000	8264.000	7984.000	8023.000	36.090
3	21:13:57	104%	-0.167	26.340	0.000	6367.000	8256.000	8073.000	8100.000	36.840
x		103%	-0.197	24.470	0.000	6424.000	8353.000	8122.000	8125.000	37.120
σ		2%	0.035	1.623	0.000	156.200	160.700	167.700	116.600	1.204
%RSD		2	17.690	6.634	0.000	2.432	1.924	2.065	1.435	3.244

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:11:41	5371.000	4.689	0.000	0.000	1826.000	31040.000	30220.000	102%	1.601
2	21:12:50	5150.000	7.537	0.000	0.000	1768.000	29780.000	29100.000	105%	1.584
3	21:13:57	5198.000	6.511	0.000	0.000	1767.000	30650.000	29480.000	104%	0.989
x		5240.000	6.246	0.000	0.000	1787.000	30490.000	29600.000	104%	1.391
σ		116.000	1.442	0.000	0.000	34.100	645.100	572.000	1%	0.349
%RSD		2.213	23.090	0.000	0.000	1.908	2.116	1.932	1	25.050

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:11:41	0.623	0.465	0.613	75.520	23.760	87.030	160.700	0.088	0.529
2	21:12:50	0.663	0.378	0.411	69.390	22.920	80.240	151.400	0.081	0.473
3	21:13:57	0.691	0.414	0.390	72.930	23.130	83.720	153.000	0.085	0.667
x		0.659	0.419	0.472	72.610	23.270	83.660	155.000	0.085	0.557
σ		0.034	0.044	0.123	3.079	0.440	3.392	4.978	0.003	0.100
%RSD		5.213	10.450	26.080	4.240	1.891	4.054	3.211	4.016	17.930

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:11:41	3.725	3.697	7.002	2.689	-0.008	-0.000	1.009	-0.008	0.195
2	21:12:50	3.509	3.546	6.867	2.710	0.180	-0.002	0.044	0.179	0.068
3	21:13:57	3.507	3.610	6.639	2.579	-0.502	0.014	0.202	-0.501	2.229
x		3.581	3.618	6.836	2.659	-0.110	0.004	0.419	-0.110	0.831
σ		0.125	0.076	0.184	0.070	0.352	0.009	0.518	0.351	1.213
%RSD		3.498	2.096	2.685	2.640	319.700	224.700	123.800	320.200	146.000

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:11:41	1.114	0.833	0.823	0.677	0.751	0.002	101%	0.220	0.001
2	21:12:50	1.021	0.747	0.726	0.735	0.711	0.000	102%	-0.058	0.002
3	21:13:57	1.137	0.631	0.758	0.688	0.715	0.000	102%	-0.310	0.009
x		1.091	0.737	0.769	0.700	0.726	0.000	102%	-0.049	0.004
σ		0.062	0.101	0.049	0.031	0.022	0.001	0%	0.265	0.004
%RSD		5.647	13.700	6.435	4.392	3.052	173.200	0	540.300	106.400

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:11:41	-0.081	0.222	0.006	0.056	0.335	0.162	96.970	93.780	101%
2	21:12:50	0.121	-0.057	0.011	0.015	0.267	0.164	95.860	91.450	102%
3	21:13:57	0.192	-0.306	0.004	0.027	0.309	0.152	96.750	94.630	100%
x		0.077	-0.047	0.007	0.032	0.304	0.159	96.530	93.290	101%
σ		0.142	0.264	0.004	0.021	0.034	0.007	0.585	1.646	1%
%RSD		183.500	565.700	52.220	65.910	11.200	4.196	0.607	1.764	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:11:41	101%	0.013	0.025	0.541	0.463	0.500	100%	1.582
2	21:12:50	102%	0.012	0.020	0.520	0.438	0.479	101%	1.522
3	21:13:57	100%	0.021	0.015	0.509	0.453	0.490	100%	1.547
x		101%	0.015	0.020	0.523	0.451	0.490	100%	1.550
σ		1%	0.005	0.005	0.016	0.012	0.010	1%	0.030
%RSD		1	33.970	24.460	3.118	2.712	2.082	1	1.941

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:19:35	98%	513.000	492.700	0.000	52740.000	52090.000	52430.000	52180.000	10460.000
2	21:20:43	100%	490.200	478.800	0.000	51830.000	51160.000	50940.000	50630.000	10120.000
3	21:21:52	100%	491.800	489.300	0.000	51060.000	50640.000	50960.000	50640.000	10090.000
x		99%	498.300	487.000	0.000	51870.000	51300.000	51440.000	51150.000	10220.000
σ		1%	12.700	7.242	0.000	840.900	737.200	856.200	895.600	204.600
%RSD		1	2.549	1.487	0.000	1.621	1.437	1.664	1.751	2.002

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:19:35	505.600	10330.000	0.000	0.000	26430.000	52080.000	50100.000	100%	511.100
2	21:20:43	498.300	10040.000	0.000	0.000	26040.000	50570.000	49190.000	100%	508.900
3	21:21:52	484.700	9923.000	0.000	0.000	25810.000	49880.000	48900.000	101%	490.900
x		496.200	10100.000	0.000	0.000	26090.000	50840.000	49390.000	100%	503.600
σ		10.620	212.000	0.000	0.000	315.700	1127.000	624.400	1%	11.100
%RSD		2.140	2.099	0.000	0.000	1.210	2.217	1.264	1	2.203

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:19:35	509.400	511.300	0.788	26250.000	1041.000	25970.000	25880.000	513.100	512.700
2	21:20:43	504.200	503.000	1.134	26020.000	1031.000	25790.000	25470.000	508.500	505.100
3	21:21:52	494.000	495.900	2.022	25590.000	1016.000	25480.000	25240.000	503.500	498.500
x		502.600	503.400	1.315	25950.000	1029.000	25740.000	25530.000	508.400	505.400
σ		7.848	7.700	0.636	335.900	12.650	247.400	328.600	4.817	7.087
%RSD		1.562	1.530	48.400	1.294	1.229	0.961	1.287	0.948	1.402

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:19:35	1028.000	1035.000	1039.000	508.300	508.900	-0.965	508.100	508.100	1.344
2	21:20:43	1017.000	1013.000	1018.000	499.200	503.400	-0.981	499.600	502.500	2.231
3	21:21:52	1003.000	1008.000	1009.000	494.700	491.100	-0.637	496.700	490.700	-0.452
x		1016.000	1019.000	1022.000	500.800	501.100	-0.861	501.500	500.400	1.041
σ		12.890	14.410	15.310	6.907	9.092	0.194	5.912	8.881	1.367
%RSD		1.268	1.414	1.498	1.379	1.814	22.530	1.179	1.775	131.300

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:19:35	501.800	505.900	501.800	506.600	505.500	0.003	97%	502.900	510.600
2	21:20:43	497.800	493.600	496.900	497.600	501.300	0.008	97%	495.900	501.800
3	21:21:52	492.600	494.900	495.500	499.700	488.200	0.002	97%	497.700	497.500
x		497.400	498.100	498.000	501.300	498.300	0.004	97%	498.800	503.300
σ		4.614	6.733	3.325	4.712	9.020	0.003	0%	3.636	6.694
%RSD		0.928	1.352	0.668	0.940	1.810	77.950	0	0.729	1.330

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:19:35	11.520	503.000	507.000	510.300	509.600	510.000	2537.000	2468.000	98%
2	21:20:43	16.300	496.000	503.800	504.100	497.400	499.000	2485.000	2401.000	98%
3	21:21:52	6.984	497.600	500.900	499.900	496.200	499.400	2468.000	2394.000	99%
x		11.600	498.900	503.900	504.800	501.100	502.800	2497.000	2421.000	99%
σ		4.659	3.667	3.009	5.209	7.401	6.265	35.830	40.450	1%
%RSD		40.160	0.735	0.597	1.032	1.477	1.246	1.435	1.671	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:19:35	98%	503.800	523.100	508.800	507.500	508.200	95%	519.300
2	21:20:43	98%	498.900	513.800	501.400	502.500	498.800	96%	507.500
3	21:21:52	99%	490.800	509.500	491.300	497.000	491.800	96%	500.400
x		98%	497.800	515.500	500.500	502.300	499.600	96%	509.100
σ		0%	6.558	6.966	8.808	5.246	8.223	0%	9.558
%RSD		0	1.317	1.351	1.760	1.044	1.646	0	1.877

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:27:28	101%	-0.201	9.701	0.000	-6.543	2.666	2.734	2.679	0.586
2	21:28:35	101%	-0.064	6.676	0.000	-5.511	1.877	1.520	1.493	0.284
3	21:29:44	103%	-0.110	6.069	0.000	-13.230	0.516	0.841	0.374	0.250
x		102%	-0.125	7.482	0.000	-8.428	1.686	1.698	1.515	0.374
σ		1%	0.070	1.946	0.000	4.191	1.087	0.959	1.153	0.185
%RSD		1	55.890	26.000	0.000	49.730	64.490	56.480	76.070	49.450

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:27:28	1.555	2.412	0.000	0.000	39.290	1.104	-1.996	100%	-0.015
2	21:28:35	0.274	4.549	0.000	0.000	39.420	-4.614	-5.694	100%	-0.031
3	21:29:44	0.975	1.349	0.000	0.000	32.620	-1.537	-1.693	101%	-0.018
x		0.934	2.770	0.000	0.000	37.110	-1.682	-3.128	100%	-0.021
σ		0.641	1.630	0.000	0.000	3.888	2.862	2.228	1%	0.009
%RSD		68.650	58.830	0.000	0.000	10.480	170.100	71.230	1	40.250

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:27:28	-0.054	0.026	0.250	1.924	0.033	1.087	7.271	0.007	-0.072
2	21:28:35	0.091	0.039	0.027	4.194	0.049	0.029	5.652	0.002	-0.008
3	21:29:44	0.011	-0.007	0.084	2.729	-0.014	-0.732	7.780	0.006	-0.046
x		0.016	0.020	0.120	2.949	0.023	0.128	6.901	0.005	-0.042
σ		0.073	0.024	0.116	1.151	0.032	0.913	1.112	0.002	0.032
%RSD		460.200	121.500	96.480	39.030	142.700	713.300	16.110	49.410	76.490

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:27:28	-0.014	0.019	0.194	0.050	-0.046	-0.001	0.285	-0.046	1.613
2	21:28:35	0.089	-0.039	0.017	0.018	-0.085	0.000	0.568	-0.085	0.517
3	21:29:44	-0.042	0.015	-0.036	0.094	0.205	-0.016	0.792	0.205	-0.516
x		0.011	-0.001	0.059	0.054	0.025	-0.005	0.548	0.025	0.538
σ		0.069	0.033	0.121	0.038	0.158	0.009	0.254	0.157	1.064
%RSD		634.000	2270.000	205.600	70.810	636.600	168.400	46.260	634.600	197.800

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:27:28	1.179	1.088	1.047	1.037	1.060	0.003	100%	1.006	0.028
2	21:28:35	0.725	0.699	0.679	0.715	0.725	0.000	99%	1.112	0.028
3	21:29:44	0.436	0.437	0.522	0.482	0.451	0.000	101%	0.585	0.008
x		0.780	0.742	0.749	0.745	0.745	0.001	100%	0.901	0.021
σ		0.374	0.328	0.269	0.279	0.305	0.002	1%	0.279	0.012
%RSD		47.990	44.210	35.950	37.480	40.980	173.200	1	30.950	55.680

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:27:28	-0.454	1.012	0.033	0.071	0.339	0.837	0.101	0.085	98%
2	21:28:35	-0.529	1.119	0.030	0.070	0.249	0.581	0.067	0.066	97%
3	21:29:44	-0.280	0.592	0.015	0.046	0.172	0.457	0.022	0.020	98%
x		-0.421	0.908	0.026	0.062	0.254	0.625	0.063	0.057	97%
σ		0.128	0.278	0.010	0.014	0.083	0.194	0.040	0.033	1%
%RSD		30.340	30.660	37.400	22.800	32.880	30.970	62.720	58.520	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:27:28	97%	0.018	0.008	0.024	0.032	0.026	96%	0.036
2	21:28:35	97%	0.000	0.011	0.015	0.008	0.013	97%	0.021
3	21:29:44	97%	-0.002	-0.002	0.010	0.008	0.011	97%	0.010
x		97%	0.005	0.006	0.016	0.016	0.017	97%	0.022
σ		0%	0.011	0.007	0.007	0.014	0.008	0%	0.013
%RSD		0	197.600	123.300	43.880	86.650	49.600	0	58.860

C4368-05 MH30W3 11/08/2011 09:34:12 PM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:35:20	104%	-0.139	24.390	0.000	8115.000	8362.000	8091.000	8183.000	34.650
2	21:36:28	102%	-0.050	23.250	0.000	8228.000	8464.000	8256.000	8331.000	35.430
3	21:37:36	103%	-0.016	23.260	0.000	8230.000	8418.000	8319.000	8354.000	36.890
x		103%	-0.069	23.630	0.000	8191.000	8415.000	8222.000	8289.000	35.660
σ		1%	0.064	0.653	0.000	65.520	51.000	118.000	92.870	1.140
%RSD		1	92.710	2.764	0.000	0.800	0.606	1.435	1.120	3.196

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:35:20	5363.000	13.320	0.000	0.000	1872.000	30240.000	29650.000	103%	1.575
2	21:36:28	5440.000	11.420	0.000	0.000	1881.000	30470.000	29520.000	103%	1.521
3	21:37:36	5446.000	11.150	0.000	0.000	1888.000	30670.000	29970.000	103%	1.422
x		5416.000	11.960	0.000	0.000	1880.000	30460.000	29710.000	103%	1.506
σ		45.910	1.186	0.000	0.000	8.065	218.300	232.400	0%	0.078
%RSD		0.848	9.913	0.000	0.000	0.429	0.717	0.782	0	5.162

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:35:20	0.727	0.226	0.465	65.470	43.010	79.400	151.500	0.164	0.399
2	21:36:28	1.041	0.259	0.034	68.620	43.690	79.790	153.400	0.153	0.445
3	21:37:36	0.995	0.210	0.125	68.480	43.740	80.640	159.100	0.167	0.554
x		0.921	0.232	0.208	67.520	43.480	79.950	154.700	0.162	0.466
σ		0.170	0.025	0.228	1.782	0.406	0.635	3.961	0.007	0.080
%RSD		18.420	10.840	109.400	2.639	0.933	0.794	2.560	4.637	17.060

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:35:20	3.169	3.215	7.462	2.747	0.050	-0.006	0.353	0.050	0.048
2	21:36:28	3.281	3.316	7.280	2.867	0.088	0.004	0.856	0.088	0.328
3	21:37:36	3.290	3.396	7.431	2.877	0.107	-0.004	1.186	0.107	0.683
x		3.247	3.309	7.391	2.831	0.082	-0.002	0.798	0.082	0.353
σ		0.067	0.090	0.097	0.072	0.029	0.005	0.419	0.029	0.319
%RSD		2.067	2.733	1.318	2.557	35.420	238.700	52.520	35.310	90.300

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:35:20	1.506	1.014	1.023	0.952	0.960	0.000	100%	1.156	0.072
2	21:36:28	1.444	0.959	1.036	0.982	0.976	0.000	100%	-0.643	0.069
3	21:37:36	1.464	0.970	0.967	1.051	0.941	0.000	100%	0.555	0.045
x		1.472	0.981	1.009	0.995	0.959	0.000	100%	0.356	0.062
σ		0.032	0.029	0.037	0.051	0.017	0.000	0%	0.916	0.015
%RSD		2.156	2.990	3.656	5.125	1.805	0.000	0	257.100	23.890

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:35:20	-0.379	1.160	0.050	0.154	0.145	0.402	96.710	93.340	99%
2	21:36:28	0.399	-0.640	0.067	0.047	0.167	0.333	97.690	94.560	99%
3	21:37:36	-0.216	0.558	0.048	0.081	0.126	0.324	98.820	95.000	99%
x		-0.065	0.359	0.055	0.094	0.146	0.353	97.740	94.300	99%
σ		0.410	0.916	0.010	0.055	0.020	0.043	1.058	0.859	0%
%RSD		629.800	255.200	18.880	58.430	13.860	12.090	1.082	0.911	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:35:20	98%	0.090	0.094	0.495	0.485	0.495	97%	1.553
2	21:36:28	99%	0.074	0.076	0.520	0.445	0.488	99%	1.518
3	21:37:36	99%	0.065	0.066	0.483	0.458	0.469	98%	1.549
x		99%	0.076	0.079	0.499	0.463	0.484	98%	1.540
σ		1%	0.013	0.014	0.019	0.020	0.014	1%	0.019
%RSD		1	16.670	17.410	3.788	4.405	2.840	1	1.257

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:43:13	103%	-0.220	24.750	0.000	8588.000	8432.000	8191.000	8223.000	33.130
2	21:44:21	102%	-0.167	27.560	0.000	8682.000	8476.000	8279.000	8327.000	34.020
3	21:45:29	104%	-0.089	22.040	0.000	8524.000	8389.000	8208.000	8257.000	35.110
x		103%	-0.159	24.780	0.000	8598.000	8432.000	8226.000	8269.000	34.090
σ		1%	0.066	2.760	0.000	79.660	43.500	46.810	52.650	0.991
%RSD		1	41.300	11.140	0.000	0.926	0.516	0.569	0.637	2.908

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:43:13	5436.000	8.685	0.000	0.000	1857.000	30160.000	29040.000	105%	1.324
2	21:44:21	5488.000	8.919	0.000	0.000	1878.000	30110.000	29360.000	104%	1.210
3	21:45:29	5437.000	8.447	0.000	0.000	1877.000	29730.000	29230.000	104%	1.120
x		5454.000	8.684	0.000	0.000	1871.000	30000.000	29210.000	104%	1.218
σ		29.580	0.236	0.000	0.000	11.730	234.900	159.000	0%	0.102
%RSD		0.542	2.717	0.000	0.000	0.627	0.783	0.544	0	8.367

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:43:13	0.834	0.235	0.118	65.830	40.750	80.540	156.000	0.116	0.419
2	21:44:21	0.795	0.337	0.293	67.750	40.920	80.880	154.200	0.111	0.411
3	21:45:29	0.830	0.260	0.122	67.990	40.990	79.870	153.000	0.098	0.519
x		0.820	0.277	0.178	67.190	40.890	80.430	154.400	0.108	0.450
σ		0.021	0.053	0.100	1.183	0.125	0.512	1.504	0.009	0.060
%RSD		2.593	19.230	56.160	1.761	0.304	0.637	0.974	8.587	13.400

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:43:13	3.305	3.338	6.402	2.928	0.546	-0.013	1.437	0.546	-0.687
2	21:44:21	3.339	3.435	6.088	3.067	0.239	-0.024	0.296	0.238	0.587
3	21:45:29	3.196	3.140	5.880	2.719	-0.331	0.009	0.755	-0.331	1.356
x		3.280	3.305	6.123	2.905	0.151	-0.009	0.829	0.151	0.419
σ		0.074	0.150	0.263	0.175	0.445	0.017	0.574	0.445	1.032
%RSD		2.266	4.553	4.287	6.030	294.600	185.500	69.240	293.900	246.500

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:43:13	1.065	0.865	0.818	0.880	0.756	0.002	100%	0.834	0.030
2	21:44:21	1.174	0.705	0.813	0.783	0.827	0.001	101%	0.340	0.028
3	21:45:29	1.085	0.818	0.821	0.876	0.846	0.003	101%	-0.327	0.018
x		1.108	0.796	0.817	0.846	0.810	0.002	101%	0.282	0.025
σ		0.058	0.082	0.004	0.054	0.048	0.001	1%	0.583	0.006
%RSD		5.260	10.330	0.512	6.422	5.886	42.870	1	206.500	24.460

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:43:13	-0.347	0.837	0.021	0.128	0.139	0.283	96.560	93.810	99%
2	21:44:21	0.003	0.346	0.023	0.038	0.099	0.245	96.380	92.860	99%
3	21:45:29	0.177	-0.323	0.018	0.051	0.094	0.245	95.590	92.780	99%
x		-0.056	0.287	0.021	0.072	0.110	0.258	96.170	93.150	99%
σ		0.267	0.582	0.002	0.049	0.025	0.022	0.515	0.570	0%
%RSD		478.700	203.100	12.110	67.510	22.280	8.535	0.536	0.612	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:43:13	99%	0.046	0.043	0.570	0.530	0.551	98%	1.493
2	21:44:21	99%	0.028	0.030	0.636	0.524	0.565	98%	1.516
3	21:45:29	98%	0.021	0.024	0.595	0.534	0.555	98%	1.496
x		99%	0.032	0.032	0.600	0.529	0.557	98%	1.501
σ		0%	0.013	0.009	0.033	0.005	0.007	0%	0.013
%RSD		0	40.390	29.130	5.556	1.024	1.286	0	0.859

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:51:07	104%	-0.254	24.280	0.000	6927.000	8287.000	8078.000	8125.000	34.670
2	21:52:15	105%	-0.206	21.700	0.000	6799.000	8050.000	7896.000	7933.000	34.300
3	21:53:23	106%	-0.221	20.290	0.000	6826.000	8168.000	8008.000	8001.000	34.340
x		105%	-0.227	22.090	0.000	6851.000	8168.000	7994.000	8020.000	34.440
σ		1%	0.025	2.020	0.000	67.200	118.400	91.900	97.290	0.206
%RSD		1	10.860	9.144	0.000	0.981	1.449	1.150	1.213	0.599

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:51:07	5308.000	4.113	0.000	0.000	1763.000	29910.000	28830.000	104%	1.174
2	21:52:15	5295.000	3.772	0.000	0.000	1793.000	29530.000	28400.000	105%	1.108
3	21:53:23	5296.000	2.221	0.000	0.000	1803.000	29500.000	28740.000	105%	1.083
x		5300.000	3.369	0.000	0.000	1787.000	29650.000	28660.000	104%	1.122
σ		7.199	1.008	0.000	0.000	20.910	232.100	228.300	1%	0.047
%RSD		0.136	29.920	0.000	0.000	1.170	0.783	0.797	1	4.161

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:51:07	0.639	0.178	0.247	80.680	29.130	94.860	168.300	0.065	0.419
2	21:52:15	0.606	0.206	0.256	75.980	28.750	91.940	165.800	0.076	0.363
3	21:53:23	0.672	0.278	0.049	80.820	28.900	94.620	160.700	0.074	0.297
x		0.639	0.220	0.184	79.160	28.930	93.800	164.900	0.071	0.360
σ		0.033	0.052	0.117	2.755	0.191	1.619	3.847	0.006	0.061
%RSD		5.214	23.430	63.800	3.480	0.661	1.725	2.332	8.258	16.960

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:51:07	3.625	3.541	5.837	2.696	0.316	-0.008	0.005	0.316	1.177
2	21:52:15	3.518	3.845	5.744	2.637	0.292	-0.001	0.220	0.291	-0.614
3	21:53:23	3.578	3.671	5.405	2.734	-0.009	-0.010	1.259	-0.009	0.857
x		3.573	3.686	5.662	2.689	0.200	-0.006	0.495	0.199	0.473
σ		0.054	0.152	0.227	0.049	0.181	0.004	0.671	0.181	0.955
%RSD		1.499	4.134	4.017	1.822	90.640	72.470	135.600	90.560	201.800

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:51:07	0.883	0.660	0.635	0.686	0.707	0.002	101%	0.653	0.011
2	21:52:15	0.756	0.714	0.622	0.707	0.702	0.003	103%	-0.509	0.007
3	21:53:23	0.823	0.558	0.702	0.653	0.613	0.000	102%	-0.073	0.010
x		0.821	0.644	0.653	0.682	0.674	0.001	102%	0.024	0.009
σ		0.064	0.079	0.043	0.027	0.053	0.001	1%	0.587	0.002
%RSD		7.766	12.310	6.602	4.025	7.799	99.480	1	2482.000	19.890

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:51:07	-0.264	0.658	0.015	0.070	0.031	0.200	94.010	91.260	99%
2	21:52:15	0.286	-0.505	0.006	0.000	0.026	0.195	93.870	89.550	100%
3	21:53:23	0.104	-0.069	0.007	0.017	0.034	0.219	95.290	91.270	100%
x		0.042	0.028	0.009	0.029	0.030	0.205	94.390	90.690	100%
σ		0.280	0.588	0.005	0.036	0.004	0.013	0.781	0.990	1%
%RSD		667.600	2067.000	51.590	125.700	13.920	6.275	0.827	1.091	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:51:07	99%	0.002	0.014	0.505	0.484	0.498	98%	1.451
2	21:52:15	100%	0.005	0.005	0.501	0.468	0.488	99%	1.396
3	21:53:23	100%	0.008	0.010	0.508	0.478	0.487	99%	1.429
x		99%	0.005	0.010	0.505	0.477	0.491	99%	1.426
σ		1%	0.003	0.004	0.003	0.008	0.006	1%	0.027
%RSD		1	66.550	43.070	0.673	1.717	1.269	1	1.921

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:59:01	104%	-0.229	35.940	0.000	15510.000	8681.000	8489.000	8589.000	43.170
2	22:00:09	103%	-0.208	34.340	0.000	15700.000	8759.000	8612.000	8653.000	46.080
3	22:01:16	103%	-0.209	36.400	0.000	15590.000	8687.000	8530.000	8594.000	45.710
x		103%	-0.215	35.560	0.000	15600.000	8709.000	8544.000	8612.000	44.990
σ		1%	0.012	1.084	0.000	97.400	43.010	62.270	35.750	1.585
%RSD		1	5.702	3.048	0.000	0.624	0.494	0.729	0.415	3.524

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:59:01	5474.000	14.510	0.000	0.000	1941.000	30880.000	30020.000	104%	1.968
2	22:00:09	5546.000	16.190	0.000	0.000	1959.000	31260.000	30550.000	104%	2.265
3	22:01:16	5569.000	13.280	0.000	0.000	1953.000	31260.000	30370.000	104%	2.126
x		5530.000	14.660	0.000	0.000	1951.000	31140.000	30310.000	104%	2.120
σ		49.120	1.459	0.000	0.000	8.876	218.400	269.300	0%	0.149
%RSD		0.888	9.956	0.000	0.000	0.455	0.701	0.888	0	7.021

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:59:01	1.109	0.417	-0.137	81.030	48.070	96.830	166.300	0.095	0.535
2	22:00:09	1.113	0.499	-0.129	83.260	47.830	96.090	174.900	0.087	0.601
3	22:01:16	0.939	0.407	-0.005	85.590	47.980	96.280	171.900	0.082	0.416
x		1.054	0.441	-0.091	83.290	47.960	96.400	171.000	0.088	0.517
σ		0.100	0.051	0.074	2.280	0.118	0.386	4.356	0.006	0.094
%RSD		9.448	11.460	81.600	2.738	0.246	0.401	2.547	7.008	18.130

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:59:01	3.895	3.744	7.279	3.077	0.087	0.001	1.367	0.087	0.274
2	22:00:09	3.817	3.525	7.146	3.198	-0.199	0.001	0.940	-0.198	1.473
3	22:01:16	3.716	3.518	7.168	2.909	0.124	0.022	0.577	0.124	-0.549
x		3.809	3.596	7.198	3.061	0.004	0.008	0.961	0.004	0.399
σ		0.090	0.129	0.071	0.145	0.177	0.012	0.396	0.176	1.017
%RSD		2.351	3.577	0.989	4.745	4237.000	153.000	41.140	4046.000	254.800

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:59:01	1.427	0.793	0.800	0.768	0.713	0.000	101%	-0.007	0.008
2	22:00:09	1.250	0.767	0.773	0.672	0.745	0.001	101%	0.193	0.009
3	22:01:16	1.467	0.723	0.799	0.862	0.806	0.000	102%	0.530	0.012
x		1.381	0.761	0.791	0.767	0.755	0.000	101%	0.239	0.010
σ		0.116	0.035	0.015	0.095	0.047	0.001	0%	0.271	0.002
%RSD		8.358	4.638	1.906	12.320	6.286	173.200	0	113.700	20.430

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:59:01	0.026	-0.004	0.004	0.035	0.042	0.207	97.040	93.670	100%
2	22:00:09	-0.046	0.198	0.002	0.046	0.025	0.202	99.470	94.700	99%
3	22:01:16	-0.181	0.533	0.010	0.067	0.052	0.168	96.580	94.670	101%
x		-0.067	0.242	0.005	0.049	0.039	0.192	97.700	94.350	100%
σ		0.105	0.271	0.004	0.016	0.014	0.021	1.551	0.587	1%
%RSD		156.900	112.000	77.000	32.540	34.750	11.160	1.587	0.622	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:59:01	99%	0.008	0.007	2.209	2.059	2.104	98%	1.574
2	22:00:09	99%	0.008	0.010	2.225	2.002	2.102	99%	1.582
3	22:01:16	100%	0.006	0.009	2.149	1.969	2.089	99%	1.567
x		99%	0.007	0.009	2.194	2.010	2.098	99%	1.574
σ		0%	0.001	0.002	0.040	0.046	0.008	0%	0.007
%RSD		0	16.860	19.620	1.833	2.265	0.387	0	0.464

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:06:54	102%	-0.218	31.810	0.000	7517.000	8234.000	7995.000	8025.000	37.850
2	22:08:02	102%	-0.167	32.560	0.000	7501.000	8126.000	7908.000	8044.000	37.410
3	22:09:10	103%	-0.226	31.910	0.000	7602.000	8239.000	7986.000	8079.000	37.360
x		102%	-0.203	32.090	0.000	7540.000	8200.000	7963.000	8049.000	37.540
σ		0%	0.032	0.408	0.000	54.000	63.570	47.750	27.450	0.266
%RSD		0	15.800	1.273	0.000	0.716	0.775	0.600	0.341	0.708

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:06:54	5481.000	3.012	0.000	0.000	1791.000	29540.000	28550.000	103%	1.307
2	22:08:02	5411.000	3.626	0.000	0.000	1784.000	29180.000	28380.000	104%	1.155
3	22:09:10	5544.000	1.480	0.000	0.000	1792.000	29410.000	28820.000	103%	1.289
x		5479.000	2.706	0.000	0.000	1789.000	29380.000	28580.000	103%	1.251
σ		66.430	1.105	0.000	0.000	4.654	181.500	218.600	1%	0.083
%RSD		1.213	40.850	0.000	0.000	0.260	0.618	0.765	1	6.627

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:06:54	0.814	0.219	-0.167	60.320	24.290	76.940	143.800	0.072	0.415
2	22:08:02	0.876	0.203	-0.222	57.700	23.740	74.770	137.700	0.075	0.445
3	22:09:10	0.772	0.208	-0.083	61.120	24.150	76.240	146.800	0.068	0.506
x		0.821	0.210	-0.158	59.710	24.060	75.980	142.800	0.072	0.455
σ		0.052	0.008	0.070	1.791	0.285	1.109	4.658	0.004	0.046
%RSD		6.326	4.003	44.650	2.999	1.184	1.459	3.263	4.918	10.200

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:06:54	2.918	2.847	5.247	2.616	-0.027	-0.002	0.375	-0.027	0.806
2	22:08:02	2.806	2.963	5.591	2.561	0.239	-0.010	0.198	0.239	0.389
3	22:09:10	2.905	2.955	5.357	2.524	-0.257	0.007	1.126	-0.256	1.421
x		2.876	2.922	5.398	2.567	-0.015	-0.002	0.567	-0.015	0.872
σ		0.062	0.065	0.176	0.046	0.248	0.009	0.493	0.248	0.519
%RSD		2.139	2.222	3.252	1.801	1679.000	541.200	86.960	1705.000	59.550

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:06:54	1.014	0.754	0.680	0.669	0.703	0.000	100%	0.257	0.007
2	22:08:02	1.093	0.678	0.784	0.793	0.779	0.000	101%	-0.086	0.000
3	22:09:10	0.977	0.660	0.790	0.716	0.724	0.000	101%	0.061	0.004
x		1.028	0.697	0.751	0.726	0.735	0.000	101%	0.077	0.004
σ		0.059	0.050	0.062	0.063	0.039	0.000	0%	0.172	0.003
%RSD		5.787	7.160	8.204	8.626	5.323	0.000	0	222.600	87.830

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:06:54	-0.026	0.260	0.007	0.021	0.039	0.159	94.500	90.520	99%
2	22:08:02	0.110	-0.080	0.007	0.004	0.024	0.152	93.730	90.620	99%
3	22:09:10	0.064	0.066	0.004	0.008	0.029	0.159	93.970	91.330	99%
x		0.049	0.082	0.006	0.011	0.031	0.156	94.070	90.820	99%
σ		0.069	0.171	0.001	0.009	0.008	0.004	0.394	0.439	0%
%RSD		141.000	207.900	23.990	82.290	25.380	2.483	0.419	0.483	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:06:54	98%	0.004	0.008	0.371	0.348	0.362	97%	1.501
2	22:08:02	98%	0.007	0.004	0.362	0.371	0.355	98%	1.478
3	22:09:10	99%	0.008	0.006	0.381	0.336	0.355	98%	1.495
x		99%	0.006	0.006	0.371	0.352	0.357	98%	1.491
σ		1%	0.002	0.002	0.009	0.018	0.004	1%	0.012
%RSD		1	32.270	39.430	2.532	5.129	1.094	1	0.784

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:14:48	106%	-0.308	39.610	0.000	10220.000	17690.000	17360.000	17980.000	6.516
2	22:15:57	106%	-0.210	39.420	0.000	10410.000	17920.000	17540.000	18210.000	6.701
3	22:17:05	105%	-0.171	42.180	0.000	10410.000	18060.000	17590.000	18210.000	6.747
x		106%	-0.230	40.400	0.000	10350.000	17890.000	17500.000	18130.000	6.655
σ		0%	0.071	1.541	0.000	112.800	184.400	122.200	132.300	0.122
%RSD		0	30.790	3.815	0.000	1.090	1.031	0.698	0.730	1.837

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:14:48	8331.000	62.740	0.000	0.000	4895.000	49850.000	48730.000	106%	0.572
2	22:15:57	8462.000	63.780	0.000	0.000	4982.000	51380.000	49760.000	106%	0.765
3	22:17:05	8503.000	67.220	0.000	0.000	4968.000	50990.000	49510.000	106%	0.933
x		8432.000	64.580	0.000	0.000	4948.000	50740.000	49330.000	106%	0.757
σ		89.840	2.347	0.000	0.000	46.810	797.300	540.400	0%	0.181
%RSD		1.065	3.635	0.000	0.000	0.946	1.571	1.095	0	23.900

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:14:48	0.846	0.786	-0.166	-0.874	0.408	9.987	136.400	0.062	1.084
2	22:15:57	0.759	0.723	0.022	-0.691	0.352	11.600	139.900	0.091	1.060
3	22:17:05	0.877	0.820	0.006	-2.039	0.417	10.540	136.200	0.070	0.896
x		0.828	0.776	-0.046	-1.201	0.392	10.710	137.500	0.074	1.013
σ		0.061	0.049	0.104	0.731	0.035	0.817	2.036	0.015	0.103
%RSD		7.372	6.324	227.600	60.860	8.963	7.630	1.480	20.200	10.120

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:14:48	1.418	1.599	2.021	1.601	0.232	-0.004	0.692	0.232	0.166
2	22:15:57	1.601	1.516	2.038	1.675	-0.178	-0.000	0.311	-0.178	-0.372
3	22:17:05	1.447	1.534	1.853	1.665	-0.121	0.002	0.538	-0.121	0.631
x		1.489	1.549	1.970	1.647	-0.022	-0.001	0.514	-0.022	0.142
σ		0.098	0.044	0.102	0.040	0.222	0.003	0.192	0.222	0.502
%RSD		6.595	2.826	5.183	2.427	988.800	493.600	37.340	991.600	354.200

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:14:48	0.409	0.248	0.292	0.278	0.235	0.000	104%	-0.404	0.000
2	22:15:57	0.447	0.338	0.250	0.259	0.255	0.000	102%	0.256	0.000
3	22:17:05	0.432	0.317	0.279	0.295	0.276	0.000	103%	-0.507	0.004
x		0.429	0.301	0.274	0.277	0.255	0.000	103%	-0.218	0.002
σ		0.019	0.047	0.021	0.018	0.021	0.000	1%	0.414	0.002
%RSD		4.471	15.730	7.783	6.532	8.130	0.000	1	189.400	137.100

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:14:48	0.212	-0.399	0.005	-0.002	0.023	0.119	295.000	287.200	101%
2	22:15:57	-0.027	0.257	0.001	0.018	0.022	0.138	304.300	296.800	102%
3	22:17:05	0.284	-0.503	0.000	-0.013	0.007	0.143	306.300	294.000	101%
x		0.157	-0.215	0.002	0.001	0.017	0.133	301.900	292.700	101%
σ		0.163	0.412	0.002	0.015	0.009	0.013	6.045	4.909	0%
%RSD		104.000	191.700	124.400	1295.000	49.780	9.661	2.003	1.677	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:14:48	102%	0.012	0.011	0.075	0.076	0.070	100%	2.590
2	22:15:57	101%	0.009	0.008	0.098	0.065	0.077	99%	2.614
3	22:17:05	101%	0.014	0.007	0.089	0.075	0.081	100%	2.614
x		101%	0.012	0.009	0.087	0.072	0.076	100%	2.606
σ		1%	0.003	0.002	0.012	0.006	0.005	0%	0.014
%RSD		1	22.190	25.230	13.340	8.764	7.172	0	0.531

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:22:45	106%	-0.260	48.800	0.000	10990.000	19880.000	19300.000	19900.000	7.249
2	22:23:53	107%	-0.162	56.870	0.000	10980.000	19940.000	19350.000	20050.000	7.482
3	22:25:01	107%	-0.193	56.060	0.000	11050.000	19810.000	20030.000	20070.000	7.585
x		107%	-0.205	53.910	0.000	11010.000	19880.000	19560.000	20010.000	7.438
σ		0%	0.050	4.440	0.000	40.430	63.770	407.400	91.600	0.172
%RSD		0	24.350	8.235	0.000	0.367	0.321	2.083	0.458	2.315

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:22:45	8786.000	11.280	0.000	0.000	2417.000	60080.000	61970.000	107%	0.637
2	22:23:53	8904.000	8.182	0.000	0.000	2423.000	60100.000	61870.000	107%	0.881
3	22:25:01	8835.000	11.130	0.000	0.000	2416.000	59960.000	62090.000	108%	1.016
x		8842.000	10.200	0.000	0.000	2419.000	60050.000	61980.000	107%	0.845
σ		58.860	1.745	0.000	0.000	3.615	72.760	112.700	1%	0.192
%RSD		0.666	17.120	0.000	0.000	0.149	0.121	0.182	1	22.740

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:22:45	0.948	0.312	-0.372	45.560	7.159	62.350	212.100	0.085	0.615
2	22:23:53	0.897	0.339	-0.284	46.670	7.125	62.680	210.100	0.099	0.645
3	22:25:01	0.857	0.347	-0.350	46.790	6.947	62.360	209.300	0.086	0.608
x		0.901	0.333	-0.335	46.340	7.077	62.460	210.500	0.090	0.623
σ		0.046	0.018	0.046	0.679	0.114	0.187	1.426	0.008	0.020
%RSD		5.065	5.454	13.660	1.466	1.609	0.299	0.678	8.536	3.157

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:22:45	0.788	0.782	58.140	1.099	0.233	-0.002	0.976	0.233	-0.331
2	22:23:53	0.712	0.817	58.040	1.003	-0.103	0.004	1.816	-0.103	0.899
3	22:25:01	0.832	0.775	56.630	1.022	-0.250	0.012	1.067	-0.250	1.961
x		0.777	0.791	57.600	1.041	-0.040	0.005	1.286	-0.040	0.843
σ		0.061	0.022	0.847	0.051	0.248	0.007	0.461	0.248	1.147
%RSD		7.834	2.832	1.471	4.897	619.400	146.900	35.860	623.400	136.000

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:22:45	0.306	0.382	0.354	0.304	0.291	0.001	103%	1.125	0.002
2	22:23:53	0.346	0.281	0.289	0.324	0.314	0.001	102%	-0.837	0.006
3	22:25:01	0.310	0.324	0.337	0.297	0.307	0.000	104%	0.043	0.004
x		0.321	0.329	0.327	0.308	0.304	0.001	103%	0.110	0.004
σ		0.022	0.051	0.034	0.014	0.012	0.001	1%	0.983	0.002
%RSD		6.767	15.440	10.370	4.658	3.938	86.600	1	891.300	49.930

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:22:45	-0.511	1.130	0.005	0.073	0.112	0.092	292.000	283.900	101%
2	22:23:53	0.465	-0.833	0.009	-0.013	0.109	0.116	293.700	288.000	100%
3	22:25:01	0.001	0.047	-0.001	0.030	0.094	0.111	285.900	280.700	102%
x		-0.015	0.115	0.004	0.030	0.105	0.106	290.500	284.200	101%
σ		0.488	0.984	0.005	0.043	0.010	0.013	4.077	3.686	1%
%RSD		3284.000	858.300	108.900	141.500	9.410	11.880	1.403	1.297	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:22:45	100%	0.029	0.035	0.251	0.228	0.244	99%	2.183
2	22:23:53	100%	0.033	0.028	0.249	0.275	0.257	99%	2.183
3	22:25:01	102%	0.030	0.030	0.257	0.267	0.260	100%	2.160
x		101%	0.031	0.031	0.252	0.257	0.254	99%	2.175
σ		1%	0.002	0.004	0.004	0.025	0.009	1%	0.013
%RSD		1	7.312	12.320	1.648	9.696	3.521	1	0.610

C4368-10 MH30W8 11/08/2011 10:29:32 PM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:30:40	106%	-0.242	33.400	0.000	8504.000	8076.000	7845.000	7891.000	65.220
2	22:31:48	109%	-0.241	34.640	0.000	8382.000	7982.000	7787.000	7865.000	64.060
3	22:32:56	105%	-0.189	36.840	0.000	8802.000	8320.000	8106.000	8129.000	67.460
x		107%	-0.224	34.960	0.000	8563.000	8126.000	7912.000	7961.000	65.580
σ		2%	0.030	1.742	0.000	215.800	174.500	169.900	145.500	1.728
%RSD		2	13.580	4.984	0.000	2.520	2.147	2.147	1.827	2.635

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:30:40	5348.000	0.911	0.000	0.000	1707.000	28200.000	27690.000	109%	2.506
2	22:31:48	5380.000	0.886	0.000	0.000	1729.000	28530.000	27760.000	108%	2.149
3	22:32:56	5622.000	4.924	0.000	0.000	1775.000	28880.000	28500.000	107%	1.765
x		5450.000	2.240	0.000	0.000	1737.000	28540.000	27980.000	108%	2.140
σ		149.700	2.324	0.000	0.000	34.420	339.000	446.500	1%	0.371
%RSD		2.746	103.800	0.000	0.000	1.982	1.188	1.596	1	17.320

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:30:40	0.831	0.278	-0.449	83.510	26.910	99.170	166.300	0.091	0.399
2	22:31:48	1.016	0.253	-0.570	84.890	26.880	96.930	160.200	0.094	0.405
3	22:32:56	0.810	0.284	-0.395	89.370	27.750	101.000	170.100	0.104	0.494
x		0.886	0.272	-0.471	85.920	27.180	99.030	165.500	0.097	0.432
σ		0.114	0.017	0.089	3.064	0.493	2.031	5.012	0.007	0.053
%RSD		12.820	6.113	18.980	3.566	1.813	2.051	3.028	7.060	12.280

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:30:40	4.246	4.423	8.400	2.900	0.210	-0.017	0.530	0.210	-1.335
2	22:31:48	4.281	4.401	8.793	2.884	-0.047	-0.000	0.352	-0.047	2.062
3	22:32:56	4.594	4.480	9.096	3.097	-0.158	-0.008	-0.274	-0.158	1.550
x		4.374	4.434	8.763	2.960	0.001	-0.008	0.203	0.002	0.759
σ		0.192	0.041	0.349	0.118	0.189	0.008	0.422	0.188	1.831
%RSD		4.386	0.916	3.982	4.000	13460.000	100.500	208.300	11380.000	241.400

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:30:40	1.148	0.750	0.898	0.745	0.803	0.000	105%	0.555	0.002
2	22:31:48	1.228	0.773	0.808	0.759	0.746	0.001	104%	-1.040	0.006
3	22:32:56	1.045	0.850	0.901	0.853	0.776	0.001	104%	1.292	0.009
x		1.140	0.791	0.869	0.786	0.775	0.001	104%	0.269	0.006
σ		0.092	0.053	0.053	0.059	0.029	0.001	1%	1.192	0.003
%RSD		8.061	6.638	6.084	7.512	3.687	86.600	0	443.500	56.820

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:30:40	-0.197	0.562	0.006	0.067	0.060	0.155	91.080	86.440	102%
2	22:31:48	0.607	-1.038	0.006	0.012	0.068	0.189	90.640	86.710	102%
3	22:32:56	-0.567	1.299	0.009	0.098	0.060	0.185	92.410	89.300	102%
x		-0.052	0.274	0.007	0.059	0.063	0.177	91.380	87.490	102%
σ		0.600	1.194	0.002	0.044	0.004	0.019	0.923	1.578	0%
%RSD		1148.000	435.400	29.070	73.680	6.981	10.510	1.010	1.804	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:30:40	102%	0.017	0.024	0.540	0.515	0.536	101%	1.541
2	22:31:48	101%	0.022	0.015	0.537	0.497	0.522	101%	1.552
3	22:32:56	101%	0.013	0.015	0.582	0.533	0.563	100%	1.597
x		101%	0.017	0.018	0.553	0.515	0.540	101%	1.564
σ		0%	0.005	0.005	0.025	0.018	0.021	1%	0.030
%RSD		0	26.230	28.330	4.521	3.560	3.934	1	1.896

C4368-11 MH30W8D 11/08/2011 10:37:27 PM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:38:35	104%	-0.211	30.450	0.000	8743.000	8273.000	8018.000	8068.000	63.160
2	22:39:44	104%	-0.237	35.010	0.000	8764.000	8305.000	8018.000	8082.000	62.140
3	22:40:52	106%	-0.277	37.000	0.000	8663.000	8176.000	8026.000	8071.000	62.320
x		105%	-0.242	34.150	0.000	8723.000	8251.000	8021.000	8074.000	62.540
σ		1%	0.034	3.358	0.000	52.960	67.200	4.676	7.631	0.545
%RSD		1	13.910	9.834	0.000	0.607	0.814	0.058	0.095	0.872

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:38:35	5529.000	4.452	0.000	0.000	1764.000	28770.000	28310.000	106%	1.966
2	22:39:44	5509.000	2.984	0.000	0.000	1791.000	29450.000	28620.000	106%	2.227
3	22:40:52	5524.000	3.520	0.000	0.000	1771.000	29450.000	28310.000	106%	1.961
x		5521.000	3.652	0.000	0.000	1776.000	29230.000	28420.000	106%	2.051
σ		10.700	0.742	0.000	0.000	13.810	391.700	176.700	0%	0.152
%RSD		0.194	20.330	0.000	0.000	0.778	1.340	0.622	0	7.407

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:38:35	0.793	0.281	-0.366	87.090	27.910	101.100	167.800	0.089	0.431
2	22:39:44	0.957	0.358	-0.491	88.850	27.810	103.400	170.900	0.089	0.436
3	22:40:52	1.003	0.255	-0.596	90.010	27.590	101.800	165.600	0.097	0.498
x		0.917	0.298	-0.484	88.650	27.770	102.100	168.100	0.092	0.455
σ		0.110	0.054	0.115	1.466	0.164	1.201	2.638	0.005	0.037
%RSD		12.040	18.040	23.840	1.654	0.590	1.176	1.569	5.206	8.207

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:38:35	4.381	4.760	8.880	2.796	0.308	-0.008	0.650	0.308	0.431
2	22:39:44	4.285	4.688	9.358	3.014	-0.103	-0.014	0.963	-0.103	0.568
3	22:40:52	4.474	4.273	9.306	2.944	-0.177	-0.011	1.285	-0.177	0.844
x		4.380	4.574	9.182	2.918	0.009	-0.011	0.966	0.009	0.614
σ		0.094	0.263	0.262	0.111	0.261	0.003	0.317	0.261	0.210
%RSD		2.152	5.745	2.857	3.800	2830.000	23.050	32.840	2752.000	34.210

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:38:35	1.096	0.929	0.810	0.719	0.794	0.001	103%	0.859	0.008
2	22:39:44	1.082	0.720	0.907	0.878	0.789	0.000	103%	0.759	0.000
3	22:40:52	1.156	0.719	0.724	0.751	0.836	0.000	104%	0.846	0.007
x		1.111	0.789	0.814	0.783	0.807	0.000	103%	0.821	0.005
σ		0.039	0.121	0.092	0.084	0.026	0.001	0%	0.054	0.004
%RSD		3.550	15.300	11.280	10.730	3.207	173.200	0	6.602	81.100

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:38:35	-0.269	0.868	0.013	0.079	0.017	0.214	92.400	90.050	100%
2	22:39:44	-0.291	0.766	0.006	0.097	-0.000	0.199	92.040	90.200	100%
3	22:40:52	-0.333	0.853	0.016	0.098	0.006	0.194	92.040	88.400	101%
x		-0.298	0.829	0.012	0.092	0.008	0.202	92.160	89.550	100%
σ		0.032	0.055	0.005	0.011	0.009	0.010	0.211	0.999	1%
%RSD		10.900	6.647	40.610	11.680	114.500	5.095	0.228	1.115	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:38:35	100%	0.022	0.032	0.580	0.556	0.568	99%	1.600
2	22:39:44	100%	0.026	0.019	0.582	0.517	0.562	99%	1.653
3	22:40:52	100%	0.011	0.016	0.597	0.534	0.556	100%	1.570
x		100%	0.020	0.023	0.586	0.536	0.562	99%	1.608
σ		0%	0.008	0.008	0.009	0.020	0.006	1%	0.042
%RSD		0	39.490	37.370	1.604	3.741	1.010	1	2.630

C4368-10LX5 MH30W8L 11/08/2011 10:45:24 PM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:46:31	105%	-0.221	8.093	0.000	1724.000	1594.000	1610.000	1621.000	12.090
2	22:47:40	105%	-0.226	6.879	0.000	1712.000	1571.000	1590.000	1593.000	12.790
3	22:48:48	106%	-0.296	9.383	0.000	1773.000	1630.000	1633.000	1639.000	12.460
x		106%	-0.248	8.118	0.000	1736.000	1598.000	1611.000	1618.000	12.450
σ		1%	0.042	1.252	0.000	32.410	29.920	21.640	23.290	0.349
%RSD		1	17.060	15.430	0.000	1.867	1.872	1.343	1.440	2.803

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:46:31	1095.000	-2.528	0.000	0.000	348.700	5898.000	5645.000	106%	0.423
2	22:47:40	1087.000	-2.401	0.000	0.000	343.700	5786.000	5549.000	107%	0.316
3	22:48:48	1116.000	0.387	0.000	0.000	361.000	5867.000	5826.000	105%	0.329
x		1100.000	-1.514	0.000	0.000	351.100	5850.000	5673.000	106%	0.356
σ		14.680	1.648	0.000	0.000	8.879	57.590	140.700	1%	0.058
%RSD		1.335	108.800	0.000	0.000	2.529	0.984	2.481	1	16.270

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:46:31	0.121	0.112	-0.373	18.010	5.698	27.960	32.930	0.025	0.104
2	22:47:40	0.221	0.052	-0.577	20.100	5.414	26.140	37.190	0.008	0.106
3	22:48:48	0.216	0.074	-0.521	19.980	5.567	29.240	38.640	0.008	0.111
x		0.186	0.079	-0.490	19.360	5.560	27.780	36.260	0.014	0.107
σ		0.056	0.031	0.105	1.176	0.142	1.556	2.967	0.010	0.004
%RSD		30.310	38.510	21.450	6.071	2.556	5.602	8.184	70.200	3.308

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:46:31	0.896	0.785	1.883	0.575	0.233	-0.002	0.017	0.233	0.220
2	22:47:40	0.746	0.991	1.848	0.570	0.285	-0.008	0.061	0.284	0.530
3	22:48:48	0.791	0.803	1.811	0.563	0.123	-0.011	0.846	0.123	-0.382
x		0.811	0.860	1.847	0.569	0.214	-0.007	0.308	0.214	0.123
σ		0.077	0.114	0.036	0.006	0.083	0.005	0.467	0.083	0.464
%RSD		9.492	13.250	1.943	1.057	38.700	68.920	151.600	38.680	377.700

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:46:31	0.178	0.124	0.200	0.161	0.141	0.001	103%	0.251	0.004
2	22:47:40	0.186	0.140	0.121	0.071	0.124	0.000	105%	0.170	-0.001
3	22:48:48	0.208	0.172	0.164	0.169	0.166	0.001	103%	0.842	0.000
x		0.190	0.145	0.162	0.134	0.144	0.001	103%	0.421	0.001
σ		0.016	0.024	0.039	0.054	0.021	0.001	1%	0.367	0.003
%RSD		8.241	16.760	24.380	40.590	14.730	86.600	1	87.170	255.200

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:46:31	-0.029	0.260	0.008	0.009	0.012	0.037	18.440	17.770	99%
2	22:47:40	-0.083	0.176	0.003	0.033	0.016	0.023	18.210	17.300	102%
3	22:48:48	-0.401	0.849	0.006	0.049	0.017	0.032	18.680	18.160	100%
x		-0.171	0.429	0.006	0.030	0.015	0.031	18.440	17.740	100%
σ		0.201	0.366	0.002	0.020	0.002	0.007	0.235	0.435	1%
%RSD		117.500	85.500	42.740	66.220	15.360	23.030	1.273	2.453	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:46:31	99%	-0.010	-0.005	0.123	0.114	0.208	99%	0.311
2	22:47:40	101%	-0.004	-0.003	0.105	0.115	0.111	100%	0.301
3	22:48:48	99%	-0.004	-0.003	0.112	0.101	0.114	98%	0.321
x		100%	-0.006	-0.004	0.113	0.110	0.144	99%	0.311
σ		1%	0.004	0.001	0.009	0.007	0.055	1%	0.010
%RSD		1	62.110	24.840	7.843	6.827	38.340	1	3.275

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:54:26	103%	484.700	475.900	0.000	50330.000	50550.000	50940.000	50380.000	10100.000
2	22:55:34	102%	481.500	474.100	0.000	49240.000	49640.000	50070.000	49680.000	9979.000
3	22:56:42	101%	495.100	475.500	0.000	50810.000	50720.000	51480.000	51370.000	10200.000
x		102%	487.100	475.100	0.000	50130.000	50300.000	50830.000	50470.000	10090.000
σ		1%	7.094	0.947	0.000	803.900	579.900	706.800	848.800	110.000
%RSD		1	1.456	0.199	0.000	1.604	1.153	1.391	1.682	1.090

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:54:26	496.900	9902.000	0.000	0.000	25460.000	49940.000	48390.000	102%	497.800
2	22:55:34	492.500	9706.000	0.000	0.000	25160.000	48600.000	47380.000	103%	476.400
3	22:56:42	508.300	9903.000	0.000	0.000	25480.000	49220.000	48330.000	103%	490.200
x		499.200	9837.000	0.000	0.000	25370.000	49260.000	48030.000	103%	488.100
σ		8.176	113.400	0.000	0.000	179.200	672.000	568.600	0%	10.880
%RSD		1.638	1.153	0.000	0.000	0.707	1.364	1.184	0	2.228

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:54:26	499.700	496.300	-1.881	25570.000	1020.000	25500.000	24980.000	500.900	500.700
2	22:55:34	484.500	481.700	-1.586	24850.000	992.400	24790.000	24460.000	485.300	482.500
3	22:56:42	497.700	496.300	-3.704	25410.000	1016.000	25470.000	24990.000	498.600	495.300
x		494.000	491.400	-2.390	25280.000	1010.000	25260.000	24810.000	494.900	492.900
σ		8.276	8.454	1.147	381.500	15.040	403.200	306.300	8.390	9.338
%RSD		1.675	1.720	47.990	1.509	1.489	1.597	1.234	1.695	1.895

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:54:26	1005.000	1006.000	995.200	494.100	495.200	-0.671	494.700	495.200	-0.281
2	22:55:34	974.000	974.700	964.900	476.200	481.100	-0.432	480.300	480.700	1.518
3	22:56:42	999.100	1003.000	986.300	491.500	496.200	-0.859	494.400	496.300	0.967
x		992.700	994.600	982.100	487.200	490.800	-0.654	489.800	490.700	0.735
σ		16.500	17.310	15.580	9.623	8.444	0.214	8.221	8.674	0.922
%RSD		1.663	1.741	1.586	1.975	1.720	32.730	1.678	1.768	125.500

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:54:26	492.300	492.800	494.800	490.400	490.600	0.006	98%	497.200	499.000
2	22:55:34	480.800	477.900	477.100	476.100	473.800	0.000	99%	470.000	482.400
3	22:56:42	493.300	493.800	494.200	493.300	493.500	0.003	98%	492.800	501.300
x		488.800	488.200	488.700	486.600	485.900	0.003	98%	486.700	494.200
σ		6.934	8.896	10.050	9.207	10.630	0.003	1%	14.610	10.340
%RSD		1.418	1.822	2.057	1.892	2.188	100.000	1	3.003	2.091

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:54:26	3.957	497.500	498.200	497.900	490.300	489.300	2502.000	2411.000	97%
2	22:55:34	12.820	470.300	483.000	477.800	480.100	475.400	2430.000	2338.000	99%
3	22:56:42	16.200	493.200	497.700	495.500	495.000	491.700	2491.000	2402.000	97%
x		10.990	487.000	493.000	490.400	488.500	485.400	2474.000	2384.000	98%
σ		6.322	14.610	8.661	11.000	7.639	8.800	39.160	39.440	1%
%RSD		57.510	3.000	1.757	2.242	1.564	1.813	1.583	1.655	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:54:26	97%	492.800	510.600	494.800	498.000	494.800	95%	505.600
2	22:55:34	99%	482.300	497.500	480.400	484.600	482.600	96%	490.600
3	22:56:42	97%	494.900	511.300	497.000	498.400	495.000	94%	512.700
x		98%	490.000	506.400	490.700	493.600	490.800	95%	503.000
σ		1%	6.724	7.790	9.016	7.855	7.088	1%	11.300
%RSD		1	1.372	1.538	1.837	1.591	1.444	1	2.248

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:02:19	104%	-0.186	7.198	0.000	-33.150	2.945	2.721	3.169	0.483
2	23:03:27	105%	-0.177	5.529	0.000	-31.450	2.392	2.156	2.204	0.406
3	23:04:35	103%	-0.187	5.134	0.000	-18.480	10.530	10.400	9.724	1.846
x		104%	-0.183	5.954	0.000	-27.690	5.288	5.093	5.032	0.912
σ		1%	0.006	1.096	0.000	8.027	4.545	4.607	4.092	0.810
%RSD		1	3.142	18.410	0.000	28.990	85.960	90.450	81.300	88.830

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:02:19	0.653	2.886	0.000	0.000	15.600	-0.110	-4.108	103%	-0.051
2	23:03:27	1.454	1.610	0.000	0.000	13.740	4.348	-8.862	104%	0.006
3	23:04:35	-0.111	3.390	0.000	0.000	23.930	6.958	-0.109	103%	0.084
x		0.665	2.629	0.000	0.000	17.760	3.732	-4.360	103%	0.013
σ		0.783	0.917	0.000	0.000	5.427	3.574	4.382	1%	0.068
%RSD		117.600	34.890	0.000	0.000	30.560	95.770	100.500	1	527.900

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:02:19	0.164	-0.007	-0.620	3.653	0.084	3.111	5.617	0.032	0.002
2	23:03:27	0.136	0.023	-0.524	0.679	0.057	1.837	8.680	0.025	-0.032
3	23:04:35	0.127	0.078	-0.518	5.982	0.203	6.037	10.740	0.086	0.051
x		0.142	0.031	-0.554	3.438	0.115	3.662	8.346	0.047	0.007
σ		0.019	0.043	0.057	2.658	0.078	2.153	2.578	0.033	0.042
%RSD		13.670	139.200	10.280	77.320	67.670	58.810	30.890	70.080	595.900

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:02:19	0.035	-0.047	0.056	0.128	0.147	-0.018	0.946	0.147	0.270
2	23:03:27	0.046	0.015	0.066	0.066	0.181	-0.013	0.455	0.181	-0.318
3	23:04:35	0.104	0.101	0.163	0.176	0.433	-0.020	0.784	0.432	-1.136
x		0.062	0.023	0.095	0.123	0.254	-0.017	0.728	0.253	-0.395
σ		0.037	0.074	0.059	0.055	0.156	0.004	0.250	0.156	0.706
%RSD		59.090	323.700	62.150	44.880	61.560	22.050	34.380	61.480	178.900

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:02:19	1.103	0.938	1.064	0.988	1.027	0.000	100%	0.139	0.038
2	23:03:27	0.667	0.671	0.661	0.733	0.698	0.001	102%	-0.233	0.031
3	23:04:35	0.636	0.541	0.550	0.683	0.647	0.000	101%	0.333	0.104
x		0.802	0.717	0.758	0.801	0.791	0.000	101%	0.080	0.058
σ		0.261	0.202	0.271	0.163	0.206	0.001	1%	0.288	0.040
%RSD		32.580	28.180	35.680	20.380	26.070	173.200	1	360.100	69.980

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:02:19	0.076	0.146	0.043	0.024	0.349	0.869	0.092	0.140	97%
2	23:03:27	0.131	-0.226	0.036	0.001	0.260	0.610	0.073	0.171	99%
3	23:04:35	-0.138	0.342	0.109	0.092	0.308	0.508	0.431	0.478	98%
x		0.023	0.087	0.063	0.039	0.305	0.662	0.199	0.263	98%
σ		0.142	0.289	0.040	0.047	0.045	0.186	0.202	0.187	1%
%RSD		612.700	331.100	63.840	120.800	14.590	28.120	101.300	71.030	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:02:19	97%	0.026	0.021	0.039	0.035	0.037	97%	0.040
2	23:03:27	98%	0.012	0.014	0.032	0.029	0.031	97%	0.028
3	23:04:35	97%	0.089	0.080	0.088	0.092	0.092	97%	0.092
x		97%	0.042	0.038	0.053	0.052	0.053	97%	0.054
σ		1%	0.041	0.037	0.031	0.035	0.034	0%	0.034
%RSD		1	97.120	95.660	57.550	66.460	62.700	0	63.810

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:18:05	94%	0.011	364.100	0.000	428400.000	17200.000	16770.000	16610.000	97.920
2	23:19:13	95%	-0.112	362.200	0.000	424100.000	17000.000	16660.000	16630.000	95.660
3	23:20:21	95%	-0.119	372.600	0.000	426900.000	17070.000	16670.000	16750.000	97.000
x		94%	-0.073	366.300	0.000	426500.000	17090.000	16700.000	16660.000	96.860
σ		1%	0.073	5.515	0.000	2175.000	98.180	60.500	74.290	1.137
%RSD		1	99.890	1.506	0.000	0.510	0.575	0.362	0.446	1.174

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:18:05	13600.000	768.600	0.000	0.000	13600.000	62250.000	64570.000	96%	39.290
2	23:19:13	13580.000	761.900	0.000	0.000	13270.000	60830.000	63430.000	97%	40.400
3	23:20:21	13640.000	769.100	0.000	0.000	13540.000	61730.000	64050.000	96%	38.590
x		13610.000	766.600	0.000	0.000	13470.000	61600.000	64010.000	96%	39.430
σ		31.380	4.014	0.000	0.000	178.100	717.300	569.500	0%	0.912
%RSD		0.231	0.524	0.000	0.000	1.323	1.164	0.890	0	2.312

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:18:05	22.130	3.486	143.300	918.800	1755.000	949.200	1068.000	0.832	5.187
2	23:19:13	22.530	3.432	151.400	927.000	1736.000	940.700	1061.000	0.739	4.945
3	23:20:21	21.380	3.440	159.300	918.500	1764.000	947.500	1069.000	0.792	5.155
x		22.010	3.453	151.300	921.400	1752.000	945.800	1066.000	0.788	5.096
σ		0.586	0.029	8.040	4.841	14.250	4.483	4.114	0.047	0.132
%RSD		2.660	0.847	5.313	0.525	0.814	0.474	0.386	5.912	2.585

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:18:05	6.336	5.989	12.390	35.910	0.690	1.068	0.825	0.691	-1.884
2	23:19:13	6.602	5.442	12.730	35.870	0.060	1.230	1.310	0.061	1.796
3	23:20:21	6.580	5.891	13.220	35.970	0.313	1.287	0.784	0.314	2.327
x		6.506	5.774	12.780	35.920	0.354	1.195	0.973	0.355	0.746
σ		0.148	0.292	0.417	0.053	0.317	0.114	0.293	0.317	2.293
%RSD		2.272	5.053	3.265	0.149	89.480	9.516	30.080	89.330	307.300

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:18:05	23.690	0.698	2.917	0.745	0.691	0.005	91%	3.370	0.109
2	23:19:13	23.360	0.652	2.693	0.635	0.725	0.003	90%	3.493	0.116
3	23:20:21	23.920	0.747	2.806	0.745	0.685	0.003	90%	2.764	0.102
x		23.650	0.699	2.805	0.708	0.700	0.004	90%	3.209	0.109
σ		0.281	0.048	0.112	0.063	0.022	0.001	0%	0.390	0.007
%RSD		1.187	6.804	3.993	8.953	3.098	24.480	0	12.150	6.323

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:18:05	-0.873	3.364	0.113	0.243	0.404	0.840	114.400	109.700	93%
2	23:19:13	-0.661	3.489	0.081	0.225	0.417	0.822	112.600	109.200	92%
3	23:20:21	-0.689	2.758	0.084	0.206	0.414	0.809	113.400	110.100	92%
x		-0.741	3.204	0.092	0.225	0.412	0.824	113.500	109.700	92%
σ		0.115	0.391	0.018	0.018	0.007	0.016	0.873	0.450	0%
%RSD		15.500	12.200	18.950	8.214	1.639	1.903	0.769	0.410	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:18:05	92%	0.165	0.177	0.935	0.791	0.858	89%	3.002
2	23:19:13	92%	0.132	0.127	0.922	0.846	0.842	89%	2.959
3	23:20:21	92%	0.117	0.123	0.883	0.793	0.864	88%	3.023
x		92%	0.138	0.142	0.914	0.810	0.855	89%	2.995
σ		0%	0.025	0.030	0.027	0.031	0.012	0%	0.032
%RSD		0	17.910	21.290	2.955	3.825	1.368	1	1.076

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:25:59	93%	-0.044	444.500	0.000	490600.000	15300.000	14670.000	14850.000	255.000
2	23:27:07	95%	-0.160	434.400	0.000	473500.000	14810.000	14410.000	14520.000	250.900
3	23:28:15	92%	-0.052	448.100	0.000	493500.000	15390.000	14910.000	14990.000	258.200
x		93%	-0.085	442.300	0.000	485800.000	15160.000	14660.000	14790.000	254.700
σ		1%	0.065	7.100	0.000	10800.000	308.900	249.400	242.100	3.665
%RSD		1	76.140	1.605	0.000	2.224	2.037	1.701	1.637	1.439

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:25:59	11720.000	970.900	0.000	0.000	19790.000	49460.000	48110.000	94%	52.620
2	23:27:07	11530.000	929.800	0.000	0.000	19110.000	47240.000	46260.000	97%	52.220
3	23:28:15	11830.000	976.700	0.000	0.000	19860.000	49160.000	48000.000	95%	51.260
x		11690.000	959.100	0.000	0.000	19580.000	48620.000	47450.000	95%	52.030
σ		156.200	25.560	0.000	0.000	415.100	1203.000	1040.000	1%	0.699
%RSD		1.336	2.665	0.000	0.000	2.119	2.474	2.192	2	1.344

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:25:59	21.570	5.107	152.000	683.900	2801.000	697.400	792.400	0.490	3.660
2	23:27:07	20.150	4.882	156.000	661.600	2701.000	669.500	767.300	0.380	3.605
3	23:28:15	23.400	5.324	160.600	686.300	2812.000	701.200	808.200	0.451	3.568
x		21.710	5.105	156.200	677.300	2771.000	689.400	789.300	0.441	3.611
σ		1.631	0.221	4.263	13.630	61.350	17.300	20.620	0.056	0.046
%RSD		7.512	4.327	2.729	2.013	2.214	2.509	2.613	12.640	1.283

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:25:59	2.923	2.287	3.184	15.250	-0.173	1.279	0.065	-0.173	1.777
2	23:27:07	2.811	2.351	2.773	14.710	0.727	1.333	0.374	0.728	0.522
3	23:28:15	2.937	2.349	3.080	14.710	-0.345	1.513	-0.324	-0.346	1.451
x		2.890	2.329	3.012	14.890	0.070	1.375	0.038	0.070	1.250
σ		0.069	0.036	0.214	0.311	0.575	0.123	0.350	0.577	0.651
%RSD		2.382	1.555	7.098	2.089	827.000	8.910	919.100	823.600	52.090

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:25:59	23.980	0.287	2.337	0.286	0.325	0.002	88%	3.398	0.061
2	23:27:07	22.870	0.286	2.276	0.322	0.326	0.000	91%	3.971	0.056
3	23:28:15	23.760	0.323	2.451	0.443	0.291	0.005	87%	3.384	0.064
x		23.540	0.299	2.355	0.350	0.314	0.002	89%	3.584	0.060
σ		0.592	0.021	0.089	0.082	0.020	0.003	2%	0.335	0.004
%RSD		2.517	7.100	3.765	23.520	6.414	114.900	2	9.347	7.205

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:25:59	-0.950	3.392	0.053	0.189	0.231	0.638	103.000	98.480	90%
2	23:27:07	-0.947	3.970	0.038	0.148	0.260	0.576	99.370	95.550	92%
3	23:28:15	-0.716	3.380	0.038	0.176	0.273	0.595	103.700	100.300	89%
x		-0.871	3.581	0.043	0.171	0.255	0.603	102.000	98.100	90%
σ		0.135	0.337	0.008	0.021	0.022	0.032	2.325	2.376	1%
%RSD		15.440	9.413	19.340	12.460	8.468	5.239	2.279	2.423	2

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:25:59	90%	0.057	0.055	0.662	0.606	0.618	87%	1.386
2	23:27:07	93%	0.031	0.027	0.649	0.564	0.592	88%	1.314
3	23:28:15	90%	0.031	0.043	0.630	0.587	0.609	86%	1.380
x		91%	0.040	0.042	0.647	0.586	0.607	87%	1.360
σ		2%	0.015	0.014	0.016	0.021	0.014	1%	0.039
%RSD		2	37.850	33.210	2.460	3.616	2.232	1	2.898

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:33:53	92%	-0.109	450.000	0.000	453700.000	15500.000	14980.000	15090.000	252.000
2	23:35:02	93%	-0.018	463.500	0.000	447900.000	15220.000	14690.000	14860.000	247.500
3	23:36:10	92%	0.022	454.000	0.000	453900.000	15500.000	14940.000	14980.000	251.600
x		92%	-0.035	455.800	0.000	451800.000	15410.000	14870.000	14970.000	250.400
σ		0%	0.067	6.918	0.000	3367.000	160.000	159.300	114.900	2.502
%RSD		1	191.000	1.518	0.000	0.745	1.039	1.071	0.767	0.999

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:33:53	15120.000	1225.000	0.000	0.000	16440.000	51570.000	50010.000	94%	63.870
2	23:35:02	15150.000	1195.000	0.000	0.000	16000.000	50500.000	49250.000	94%	65.420
3	23:36:10	15300.000	1210.000	0.000	0.000	16280.000	51150.000	49710.000	94%	60.740
x		15190.000	1210.000	0.000	0.000	16240.000	51070.000	49650.000	94%	63.340
σ		96.440	14.700	0.000	0.000	220.700	537.800	382.600	0%	2.384
%RSD		0.635	1.214	0.000	0.000	1.359	1.053	0.771	0	3.764

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:33:53	25.020	6.502	156.800	792.900	4503.000	806.200	914.600	0.494	5.972
2	23:35:02	24.550	6.520	166.900	774.500	4457.000	796.900	882.900	0.460	5.748
3	23:36:10	25.650	6.657	170.100	791.600	4470.000	801.000	894.700	0.482	5.950
x		25.070	6.560	164.600	786.300	4477.000	801.400	897.400	0.479	5.890
σ		0.551	0.085	6.971	10.270	23.900	4.644	16.050	0.017	0.124
%RSD		2.199	1.291	4.235	1.306	0.534	0.580	1.788	3.573	2.096

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:33:53	2.394	1.748	5.154	18.090	1.150	1.344	0.502	1.153	0.386
2	23:35:02	2.179	1.678	4.914	17.680	0.432	1.427	0.424	0.433	1.628
3	23:36:10	2.278	1.771	4.845	17.070	-0.044	1.522	0.593	-0.043	0.079
x		2.284	1.732	4.971	17.610	0.513	1.431	0.506	0.514	0.698
σ		0.108	0.048	0.162	0.513	0.601	0.089	0.084	0.602	0.820
%RSD		4.718	2.775	3.263	2.915	117.200	6.202	16.690	117.100	117.500

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:33:53	25.360	0.276	2.532	0.338	0.248	0.003	87%	3.937	0.032
2	23:35:02	25.270	0.281	2.601	0.256	0.297	0.002	87%	3.967	0.032
3	23:36:10	25.320	0.252	2.463	0.348	0.247	0.007	88%	3.651	0.051
x		25.320	0.270	2.532	0.314	0.264	0.004	87%	3.851	0.039
σ		0.047	0.016	0.069	0.051	0.029	0.003	0%	0.174	0.011
%RSD		0.184	5.789	2.727	16.100	10.890	65.090	0	4.529	29.130

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:33:53	-0.833	3.928	0.036	0.148	0.321	0.395	93.540	89.570	90%
2	23:35:02	-1.319	3.959	0.032	0.193	0.309	0.419	90.920	89.330	90%
3	23:36:10	-0.789	3.646	0.018	0.117	0.319	0.422	92.360	89.530	89%
x		-0.981	3.844	0.029	0.153	0.316	0.412	92.270	89.480	90%
σ		0.294	0.172	0.009	0.038	0.007	0.015	1.312	0.128	0%
%RSD		29.990	4.483	32.490	24.890	2.067	3.573	1.421	0.143	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:33:53	89%	0.025	0.013	0.403	0.347	0.365	85%	0.878
2	23:35:02	90%	0.009	0.021	0.420	0.334	0.359	86%	0.870
3	23:36:10	90%	0.015	0.010	0.385	0.367	0.374	85%	0.889
x		90%	0.016	0.015	0.403	0.349	0.366	86%	0.879
σ		0%	0.008	0.006	0.017	0.017	0.007	1%	0.009
%RSD		0	50.180	38.300	4.326	4.886	1.947	1	1.079

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:41:48	93%	0.071	359.700	0.000	501000.000	14640.000	14230.000	14380.000	323.600
2	23:42:56	92%	-0.018	368.200	0.000	500300.000	14780.000	14340.000	14510.000	323.100
3	23:44:04	92%	-0.035	373.100	0.000	503100.000	14790.000	14240.000	14420.000	324.800
x		92%	0.006	367.000	0.000	501500.000	14740.000	14270.000	14440.000	323.800
σ		1%	0.057	6.798	0.000	1466.000	84.030	60.850	70.120	0.891
%RSD		1	979.500	1.852	0.000	0.292	0.570	0.427	0.486	0.275

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:41:48	12630.000	1173.000	0.000	0.000	22330.000	50730.000	48930.000	95%	66.500
2	23:42:56	12690.000	1191.000	0.000	0.000	22230.000	49580.000	48450.000	95%	67.790
3	23:44:04	12870.000	1177.000	0.000	0.000	22130.000	49430.000	48500.000	96%	68.770
x		12730.000	1180.000	0.000	0.000	22230.000	49910.000	48630.000	95%	67.690
σ		127.000	9.619	0.000	0.000	101.600	708.100	266.100	0%	1.141
%RSD		0.998	0.815	0.000	0.000	0.457	1.419	0.547	0	1.686

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:41:48	29.830	4.691	157.800	2002.000	3626.000	2084.000	2092.000	0.506	4.506
2	23:42:56	29.940	4.535	169.400	1997.000	3580.000	2067.000	2084.000	0.520	4.562
3	23:44:04	29.990	4.764	173.600	1980.000	3560.000	2050.000	2074.000	0.545	4.555
x		29.920	4.663	167.000	1993.000	3588.000	2067.000	2083.000	0.524	4.541
σ		0.082	0.117	8.170	11.680	33.950	17.320	9.270	0.020	0.030
%RSD		0.275	2.511	4.893	0.586	0.946	0.838	0.445	3.796	0.664

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:41:48	3.127	2.399	7.364	49.510	0.426	1.270	-0.090	0.427	1.757
2	23:42:56	2.893	2.330	7.289	48.250	0.575	1.554	0.851	0.577	1.745
3	23:44:04	3.015	2.303	7.393	47.580	0.446	1.640	-0.089	0.448	0.481
x		3.012	2.344	7.349	48.440	0.482	1.488	0.224	0.484	1.328
σ		0.117	0.049	0.054	0.983	0.081	0.194	0.543	0.081	0.734
%RSD		3.884	2.111	0.730	2.028	16.730	13.020	242.400	16.720	55.250

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:41:48	20.170	0.328	2.023	0.447	0.381	0.002	88%	2.608	0.049
2	23:42:56	20.210	0.352	2.007	0.400	0.388	0.009	88%	1.806	0.047
3	23:44:04	20.410	0.365	2.073	0.374	0.351	0.007	88%	3.818	0.045
x		20.260	0.348	2.034	0.407	0.373	0.006	88%	2.744	0.047
σ		0.129	0.019	0.034	0.037	0.020	0.004	0%	1.013	0.002
%RSD		0.634	5.435	1.680	9.037	5.232	62.450	0	36.910	4.832

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:41:48	-0.549	2.605	0.035	0.102	0.303	0.753	94.600	91.770	90%
2	23:42:56	-0.006	1.802	0.034	0.055	0.306	0.740	92.320	91.140	90%
3	23:44:04	-1.040	3.813	0.031	0.162	0.281	0.762	92.470	91.670	90%
x		-0.532	2.740	0.033	0.107	0.296	0.752	93.130	91.530	90%
σ		0.517	1.012	0.002	0.054	0.014	0.011	1.274	0.338	0%
%RSD		97.210	36.940	7.285	50.580	4.653	1.452	1.368	0.369	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:41:48	90%	0.009	0.010	0.994	0.904	0.972	86%	2.166
2	23:42:56	91%	0.005	0.008	0.995	0.883	0.952	87%	2.157
3	23:44:04	90%	0.011	0.010	0.995	0.878	0.945	87%	2.173
x		90%	0.008	0.009	0.995	0.888	0.956	87%	2.165
σ		0%	0.003	0.001	0.001	0.014	0.014	0%	0.008
%RSD		0	35.760	14.010	0.067	1.561	1.477	0	0.382

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:49:43	92%	-0.009	237.500	0.000	331100.000	8167.000	7904.000	7919.000	988.400
2	23:50:51	89%	0.231	253.800	0.000	351100.000	8640.000	8291.000	8388.000	1047.000
3	23:51:59	92%	0.114	247.500	0.000	335200.000	8300.000	7964.000	7992.000	996.500
x		91%	0.112	246.200	0.000	339100.000	8369.000	8053.000	8099.000	1011.000
σ		2%	0.120	8.215	0.000	10570.000	244.100	208.300	252.300	31.900
%RSD		2	107.100	3.336	0.000	3.117	2.916	2.587	3.115	3.156

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:49:43	10070.000	744.300	0.000	0.000	17830.000	30400.000	29690.000	95%	53.390
2	23:50:51	10650.000	790.200	0.000	0.000	19100.000	32060.000	31570.000	91%	57.050
3	23:51:59	10170.000	758.800	0.000	0.000	18200.000	30850.000	30270.000	93%	54.980
x		10300.000	764.400	0.000	0.000	18380.000	31100.000	30510.000	93%	55.140
σ		305.200	23.490	0.000	0.000	655.700	858.100	966.600	2%	1.834
%RSD		2.964	3.073	0.000	0.000	3.568	2.759	3.168	2	3.326

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:49:43	33.090	5.515	152.200	545.300	906.800	555.800	615.000	0.540	2.363
2	23:50:51	34.110	6.006	171.000	582.500	965.100	594.700	653.800	0.550	2.392
3	23:51:59	31.920	5.756	173.000	561.100	934.200	569.700	634.700	0.525	2.130
x		33.040	5.759	165.400	563.000	935.400	573.400	634.500	0.538	2.295
σ		1.094	0.246	11.500	18.660	29.180	19.690	19.390	0.013	0.143
%RSD		3.311	4.264	6.952	3.314	3.120	3.435	3.056	2.379	6.250

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:49:43	7.209	6.779	6.647	11.040	0.340	1.357	0.547	0.341	-0.148
2	23:50:51	7.503	7.420	6.647	12.290	0.421	1.461	0.002	0.423	-0.359
3	23:51:59	7.123	7.059	6.625	10.930	0.716	1.636	-0.143	0.717	0.379
x		7.278	7.086	6.640	11.420	0.492	1.485	0.135	0.494	-0.043
σ		0.200	0.321	0.012	0.755	0.198	0.141	0.364	0.198	0.380
%RSD		2.742	4.532	0.187	6.610	40.190	9.483	268.700	40.140	890.100

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:49:43	10.760	2.215	3.027	2.428	2.205	0.005	89%	0.503	0.063
2	23:50:51	11.580	2.418	3.342	2.426	2.436	0.002	86%	1.623	0.041
3	23:51:59	11.420	2.520	3.069	2.171	2.267	0.000	87%	1.000	0.054
x		11.250	2.384	3.146	2.342	2.303	0.002	87%	1.042	0.053
σ		0.434	0.155	0.171	0.148	0.120	0.003	2%	0.562	0.011
%RSD		3.857	6.514	5.439	6.319	5.198	113.200	2	53.900	21.160

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:49:43	0.144	0.498	0.055	0.056	0.141	0.561	102.300	98.130	91%
2	23:50:51	-0.455	1.617	0.055	0.116	0.133	0.612	108.800	105.000	88%
3	23:51:59	-0.140	0.996	0.059	0.085	0.151	0.595	104.900	101.900	89%
x		-0.150	1.037	0.056	0.086	0.142	0.589	105.300	101.700	89%
σ		0.300	0.560	0.002	0.030	0.009	0.026	3.242	3.449	1%
%RSD		199.500	54.050	3.713	34.770	6.347	4.370	3.078	3.392	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:49:43	91%	0.007	0.001	1.919	1.684	1.778	88%	1.449
2	23:50:51	88%	0.006	-0.000	1.948	1.770	1.879	85%	1.543
3	23:51:59	90%	-0.007	0.005	1.973	1.781	1.837	87%	1.464
x		89%	0.002	0.002	1.947	1.745	1.831	87%	1.485
σ		2%	0.008	0.003	0.027	0.053	0.051	1%	0.050
%RSD		2	419.300	125.600	1.406	3.043	2.764	2	3.398

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:57:38	92%	-0.195	23.230	0.000	17480.000	677.000	678.800	695.200	5.174
2	23:58:46	93%	-0.211	19.870	0.000	17390.000	667.100	677.100	678.300	4.532
3	23:59:54	92%	-0.165	21.410	0.000	17820.000	691.900	690.500	700.400	4.833
x		93%	-0.191	21.500	0.000	17560.000	678.700	682.100	691.300	4.846
σ		0%	0.023	1.683	0.000	228.000	12.470	7.293	11.540	0.322
%RSD		1	12.250	7.826	0.000	1.298	1.837	1.069	1.669	6.637

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:57:38	554.600	31.820	0.000	0.000	598.600	2507.000	2507.000	94%	1.679
2	23:58:46	536.700	30.300	0.000	0.000	587.300	2449.000	2510.000	95%	1.691
3	23:59:54	561.700	36.340	0.000	0.000	625.600	2602.000	2613.000	93%	1.376
x		551.000	32.820	0.000	0.000	603.800	2519.000	2544.000	94%	1.582
σ		12.870	3.140	0.000	0.000	19.670	77.310	60.160	1%	0.179
%RSD		2.336	9.568	0.000	0.000	3.258	3.069	2.365	1	11.300

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:57:38	0.844	0.341	58.030	37.700	68.750	31.260	40.490	0.010	0.186
2	23:58:46	0.777	0.302	53.340	41.130	67.800	29.590	40.920	0.016	0.132
3	23:59:54	0.839	0.423	51.650	44.440	71.400	34.280	46.030	0.013	0.257
x		0.820	0.355	54.340	41.090	69.320	31.710	42.480	0.013	0.192
σ		0.038	0.062	3.303	3.367	1.867	2.377	3.077	0.003	0.063
%RSD		4.580	17.340	6.078	8.195	2.693	7.496	7.243	23.170	32.760

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:57:38	0.251	0.323	0.757	1.162	0.270	0.570	0.689	0.270	-0.202
2	23:58:46	0.222	0.288	0.728	1.442	0.080	0.515	-0.859	0.080	-0.058
3	23:59:54	0.232	0.251	0.778	1.150	0.211	0.516	0.197	0.211	-1.202
x		0.235	0.287	0.754	1.251	0.187	0.534	0.009	0.187	-0.487
σ		0.014	0.036	0.025	0.165	0.098	0.032	0.791	0.097	0.623
%RSD		6.153	12.530	3.329	13.170	52.120	5.911	9071.000	52.090	127.900

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:57:38	0.822	-0.010	0.125	0.012	0.019	0.002	92%	-0.094	0.007
2	23:58:46	1.002	-0.011	0.058	0.003	0.023	0.002	93%	0.586	-0.001
3	23:59:54	0.824	-0.010	0.112	0.005	-0.000	0.005	91%	-0.057	0.004
x		0.883	-0.010	0.098	0.007	0.014	0.003	92%	0.145	0.003
σ		0.104	0.001	0.036	0.005	0.013	0.002	1%	0.382	0.004
%RSD		11.730	6.948	36.290	73.350	90.310	70.490	1	263.700	116.200

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:57:38	0.044	-0.093	0.009	0.002	0.012	0.017	4.574	4.236	92%
2	23:58:46	-0.226	0.588	0.004	0.027	0.023	0.020	4.464	4.278	93%
3	23:59:54	0.081	-0.058	0.002	0.008	0.016	0.027	4.525	4.444	91%
x		-0.034	0.146	0.005	0.012	0.017	0.021	4.521	4.319	92%
σ		0.167	0.383	0.004	0.013	0.006	0.005	0.055	0.110	1%
%RSD		494.600	263.300	69.860	106.800	34.800	23.400	1.220	2.542	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:57:38	92%	-0.000	0.004	0.038	0.034	0.037	92%	0.114
2	23:58:46	92%	0.005	0.001	0.042	0.029	0.036	92%	0.122
3	23:59:54	91%	-0.001	0.006	0.047	0.021	0.032	91%	0.117
x		92%	0.001	0.004	0.042	0.028	0.035	92%	0.118
σ		0%	0.004	0.003	0.004	0.006	0.003	1%	0.004
%RSD		0	281.200	78.600	10.410	22.980	7.741	1	3.647

C4368-16X25 MH30Y3 11/09/2011 12:04:26 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:05:34	93%	-0.197	23.040	0.000	20060.000	597.500	604.500	613.300	21.560
2	00:06:42	92%	-0.086	21.460	0.000	20480.000	604.300	604.100	610.700	21.730
3	00:07:50	90%	-0.224	23.160	0.000	20600.000	620.900	634.000	626.200	22.110
x		92%	-0.169	22.560	0.000	20380.000	607.600	614.200	616.700	21.800
σ		1%	0.073	0.948	0.000	283.000	12.040	17.140	8.295	0.285
%RSD		2	43.230	4.202	0.000	1.389	1.981	2.791	1.345	1.307

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:05:34	479.300	41.260	0.000	0.000	835.800	2043.000	2013.000	95%	2.241
2	00:06:42	483.600	42.070	0.000	0.000	866.100	2010.000	2030.000	93%	2.521
3	00:07:50	486.600	46.520	0.000	0.000	880.200	2086.000	2063.000	93%	2.162
x		483.200	43.280	0.000	0.000	860.700	2046.000	2035.000	94%	2.308
σ		3.628	2.830	0.000	0.000	22.690	37.760	25.160	1%	0.189
%RSD		0.751	6.540	0.000	0.000	2.636	1.845	1.236	1	8.171

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:05:34	0.632	1.200	37.980	66.430	110.400	58.760	67.240	0.042	0.182
2	00:06:42	0.956	1.162	37.110	66.180	112.800	59.050	70.180	0.025	0.292
3	00:07:50	0.434	1.186	36.310	67.600	114.500	59.550	68.510	0.031	0.268
x		0.674	1.183	37.130	66.740	112.600	59.120	68.640	0.033	0.247
σ		0.264	0.019	0.839	0.756	2.059	0.401	1.476	0.009	0.058
%RSD		39.080	1.622	2.258	1.132	1.829	0.679	2.150	27.260	23.340

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:05:34	0.859	0.985	2.819	0.813	-0.148	0.327	0.079	-0.148	1.384
2	00:06:42	1.014	0.921	3.113	0.519	0.291	0.378	-0.091	0.290	-0.824
3	00:07:50	0.788	0.937	2.767	0.449	-0.023	0.356	0.787	-0.023	-0.441
x		0.887	0.948	2.900	0.594	0.040	0.354	0.258	0.040	0.040
σ		0.116	0.033	0.187	0.193	0.226	0.025	0.466	0.226	1.180
%RSD		13.020	3.516	6.441	32.490	568.000	7.141	180.300	567.300	2960.000

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:05:34	1.034	0.160	0.325	0.208	0.167	0.000	93%	0.584	0.001
2	00:06:42	1.150	0.201	0.232	0.190	0.134	0.002	93%	0.072	0.004
3	00:07:50	1.107	0.152	0.255	0.219	0.198	0.000	92%	1.013	0.010
x		1.097	0.171	0.271	0.206	0.166	0.001	93%	0.556	0.005
σ		0.059	0.026	0.049	0.015	0.032	0.001	0%	0.471	0.005
%RSD		5.367	15.440	17.940	7.110	19.140	173.200	0	84.610	90.760

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:05:34	-0.225	0.586	0.004	0.031	0.014	0.042	4.482	4.217	93%
2	00:06:42	-0.035	0.074	-0.003	0.007	0.028	0.042	4.278	4.343	92%
3	00:07:50	-0.324	1.016	0.008	0.041	0.040	0.022	4.249	4.233	92%
x		-0.195	0.559	0.003	0.026	0.027	0.035	4.336	4.264	92%
σ		0.147	0.472	0.006	0.018	0.013	0.012	0.127	0.068	1%
%RSD		75.390	84.420	182.900	67.970	47.110	32.790	2.936	1.605	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:05:34	92%	0.011	0.007	0.187	0.138	0.159	93%	0.052
2	00:06:42	92%	0.001	0.007	0.158	0.147	0.159	92%	0.056
3	00:07:50	92%	0.000	0.002	0.153	0.149	0.146	92%	0.051
x		92%	0.004	0.005	0.166	0.145	0.155	92%	0.053
σ		0%	0.006	0.003	0.018	0.006	0.007	0%	0.003
%RSD		0	150.500	49.560	11.040	4.069	4.628	0	5.890

C4368-17X25 MH30Y4 11/09/2011 12:12:22 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:13:30	91%	-0.312	23.550	0.000	18890.000	606.000	611.600	617.100	14.300
2	00:14:38	95%	-0.245	21.280	0.000	18030.000	585.500	581.100	587.500	13.530
3	00:15:46	90%	-0.165	22.210	0.000	19400.000	624.500	621.800	624.500	14.240
x		92%	-0.241	22.340	0.000	18770.000	605.300	604.800	609.700	14.020
σ		3%	0.074	1.141	0.000	694.700	19.520	21.180	19.590	0.426
%RSD		3	30.660	5.109	0.000	3.700	3.224	3.501	3.213	3.034

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:13:30	603.600	54.580	0.000	0.000	770.300	2077.000	2064.000	94%	2.949
2	00:14:38	569.700	45.860	0.000	0.000	725.400	2003.000	1997.000	96%	2.285
3	00:15:46	617.400	50.920	0.000	0.000	793.000	2093.000	2129.000	92%	2.538
x		596.900	50.450	0.000	0.000	762.900	2058.000	2063.000	94%	2.590
σ		24.530	4.378	0.000	0.000	34.390	48.160	66.100	2%	0.335
%RSD		4.109	8.677	0.000	0.000	4.508	2.340	3.204	2	12.920

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:13:30	2.011	0.481	28.700	37.950	178.500	29.880	37.370	0.040	1.959
2	00:14:38	-0.004	0.439	29.760	35.290	170.900	26.630	38.180	0.048	1.744
3	00:15:46	0.469	0.458	30.210	37.920	182.900	32.640	43.930	0.065	2.035
x		0.825	0.459	29.550	37.050	177.500	29.720	39.830	0.051	1.913
σ		1.054	0.021	0.778	1.530	6.085	3.010	3.576	0.013	0.151
%RSD		127.700	4.544	2.632	4.128	3.429	10.130	8.979	24.780	7.914

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:13:30	0.360	0.390	3.495	0.676	0.331	0.269	0.864	0.330	-0.492
2	00:14:38	0.359	0.363	3.328	0.399	-0.229	0.285	-0.103	-0.229	0.085
3	00:15:46	0.330	0.402	3.325	0.904	-0.172	0.202	1.277	-0.171	2.335
x		0.350	0.385	3.383	0.660	-0.023	0.252	0.679	-0.023	0.643
σ		0.017	0.019	0.097	0.253	0.308	0.044	0.708	0.307	1.494
%RSD		4.864	5.060	2.880	38.340	1328.000	17.520	104.200	1334.000	232.400

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:13:30	1.086	-0.018	0.065	0.011	-0.014	0.000	93%	0.012	-0.002
2	00:14:38	1.052	-0.014	0.061	-0.030	-0.010	0.000	94%	-0.444	0.003
3	00:15:46	1.097	-0.015	0.096	-0.004	-0.018	0.003	92%	0.452	0.001
x		1.078	-0.016	0.074	-0.007	-0.014	0.001	93%	0.007	0.001
σ		0.023	0.002	0.019	0.021	0.004	0.002	1%	0.448	0.002
%RSD		2.134	14.150	25.930	276.500	27.900	173.200	1	6672.000	299.700

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:13:30	0.019	0.015	0.006	0.001	0.049	0.033	3.635	3.812	92%
2	00:14:38	0.261	-0.443	0.005	-0.032	0.064	0.022	3.484	3.547	94%
3	00:15:46	-0.162	0.453	0.001	0.031	0.069	0.025	3.844	3.555	92%
x		0.039	0.008	0.004	-0.000	0.061	0.027	3.654	3.638	92%
σ		0.212	0.448	0.003	0.032	0.011	0.006	0.181	0.151	1%
%RSD		538.300	5428.000	74.800	14540.000	17.330	21.160	4.949	4.141	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:13:30	93%	0.011	0.009	0.064	0.062	0.066	93%	0.030
2	00:14:38	94%	0.004	0.011	0.068	0.065	0.063	94%	0.031
3	00:15:46	91%	0.007	0.008	0.077	0.072	0.083	92%	0.035
x		92%	0.007	0.009	0.069	0.066	0.070	93%	0.032
σ		2%	0.003	0.001	0.007	0.005	0.011	1%	0.002
%RSD		2	44.130	14.530	9.513	7.488	14.920	1	7.669

C4368-18X25 MH30Y5 11/09/2011 12:20:18 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:21:26	92%	-0.321	14.780	0.000	20900.000	575.000	584.100	578.800	13.410
2	00:22:34	93%	-0.197	18.990	0.000	20650.000	567.400	574.000	576.500	13.340
3	00:23:42	94%	-0.206	15.490	0.000	20760.000	573.300	577.300	584.500	13.400
x		93%	-0.241	16.420	0.000	20770.000	571.900	578.500	579.900	13.380
σ		1%	0.069	2.252	0.000	123.400	3.976	5.143	4.106	0.040
%RSD		1	28.700	13.710	0.000	0.594	0.695	0.889	0.708	0.300

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:21:26	492.700	51.480	0.000	0.000	953.300	1963.000	2039.000	95%	2.765
2	00:22:34	494.500	48.240	0.000	0.000	933.300	1967.000	1998.000	96%	2.435
3	00:23:42	498.100	45.950	0.000	0.000	950.400	2089.000	2021.000	95%	2.704
x		495.100	48.560	0.000	0.000	945.600	2006.000	2019.000	95%	2.635
σ		2.731	2.781	0.000	0.000	10.810	71.750	20.280	0%	0.176
%RSD		0.551	5.728	0.000	0.000	1.143	3.576	1.004	1	6.678

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:21:26	0.793	0.295	25.270	83.370	141.400	77.790	83.230	0.019	0.271
2	00:22:34	1.397	0.317	24.440	84.520	141.000	76.200	81.730	0.019	0.182
3	00:23:42	0.942	0.249	24.350	85.820	143.100	78.780	84.830	0.022	0.250
x		1.044	0.287	24.690	84.570	141.800	77.590	83.260	0.020	0.234
σ		0.315	0.035	0.506	1.225	1.124	1.302	1.551	0.002	0.047
%RSD		30.150	12.120	2.051	1.448	0.793	1.678	1.863	10.100	19.900

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:21:26	0.104	0.050	0.477	1.801	-0.354	0.250	0.071	-0.353	-0.342
2	00:22:34	0.101	0.089	0.542	1.843	-0.148	0.233	-0.004	-0.147	1.067
3	00:23:42	0.086	0.116	0.452	1.829	-0.479	0.208	0.673	-0.477	2.079
x		0.097	0.085	0.490	1.824	-0.327	0.230	0.247	-0.326	0.935
σ		0.010	0.033	0.046	0.021	0.167	0.021	0.371	0.167	1.216
%RSD		9.903	39.090	9.439	1.148	51.180	9.152	150.400	51.180	130.000

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:21:26	0.713	-0.009	0.069	-0.034	-0.010	0.000	94%	-0.459	0.001
2	00:22:34	0.748	-0.019	0.073	-0.022	-0.012	0.000	94%	-0.545	0.002
3	00:23:42	0.865	-0.006	0.045	-0.017	-0.019	0.002	94%	0.462	0.001
x		0.775	-0.011	0.062	-0.024	-0.014	0.001	94%	-0.181	0.001
σ		0.079	0.007	0.015	0.008	0.005	0.001	0%	0.558	0.000
%RSD		10.250	60.970	24.190	34.540	35.740	173.200	0	309.100	39.890

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:21:26	0.243	-0.459	0.004	-0.027	0.044	0.029	3.730	3.569	94%
2	00:22:34	0.361	-0.546	0.008	-0.040	0.041	0.032	3.747	3.621	94%
3	00:23:42	-0.192	0.461	0.000	0.030	0.058	0.031	3.912	3.665	94%
x		0.137	-0.181	0.004	-0.012	0.048	0.031	3.796	3.618	94%
σ		0.291	0.558	0.004	0.037	0.009	0.002	0.101	0.048	0%
%RSD		212.400	307.500	92.230	304.200	19.800	5.274	2.651	1.337	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:21:26	94%	0.007	0.010	0.050	0.038	0.038	94%	0.075
2	00:22:34	94%	0.012	0.014	0.053	0.041	0.046	95%	0.082
3	00:23:42	94%	0.009	0.005	0.058	0.033	0.046	94%	0.082
x		94%	0.009	0.010	0.054	0.037	0.043	94%	0.080
σ		0%	0.002	0.005	0.004	0.004	0.005	0%	0.004
%RSD		0	25.520	49.190	6.790	10.420	10.640	0	4.858

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:29:21	92%	507.200	487.700	0.000	53070.000	52900.000	53100.000	53400.000	10550.000
2	00:30:29	96%	483.200	474.000	0.000	51100.000	50800.000	51320.000	50940.000	10180.000
3	00:31:37	94%	504.900	494.400	0.000	53950.000	53370.000	54090.000	54080.000	10800.000
x		94%	498.400	485.400	0.000	52710.000	52350.000	52830.000	52810.000	10510.000
σ		2%	13.220	10.420	0.000	1460.000	1369.000	1401.000	1651.000	308.400
%RSD		2	2.652	2.146	0.000	2.770	2.616	2.652	3.126	2.935

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:29:21	507.500	10080.000	0.000	0.000	26530.000	50670.000	49560.000	96%	504.700
2	00:30:29	500.900	9741.000	0.000	0.000	25740.000	48610.000	47700.000	99%	483.600
3	00:31:37	514.200	10230.000	0.000	0.000	26850.000	51420.000	50160.000	97%	519.000
x		507.500	10020.000	0.000	0.000	26370.000	50240.000	49140.000	97%	502.400
σ		6.617	250.200	0.000	0.000	568.500	1453.000	1282.000	1%	17.820
%RSD		1.304	2.497	0.000	0.000	2.155	2.892	2.608	1	3.546

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:29:21	504.600	503.800	20.780	26500.000	1053.000	26420.000	25510.000	507.400	508.600
2	00:30:29	481.300	484.300	20.020	25530.000	971.000	25400.000	24690.000	488.800	491.500
3	00:31:37	514.400	512.900	19.780	26970.000	1076.000	27000.000	26040.000	515.100	518.100
x		500.100	500.300	20.200	26330.000	1033.000	26270.000	25410.000	503.800	506.100
σ		16.970	14.600	0.524	732.200	55.240	810.000	683.100	13.510	13.480
%RSD		3.393	2.919	2.594	2.781	5.346	3.083	2.688	2.683	2.663

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:29:21	1013.000	1011.000	1016.000	498.100	503.800	-0.907	504.100	503.300	3.317
2	00:30:29	973.900	979.600	971.100	482.000	488.100	-1.191	483.800	487.800	-0.150
3	00:31:37	1036.000	1037.000	1023.000	506.900	504.300	-0.466	511.200	504.200	2.589
x		1008.000	1009.000	1004.000	495.700	498.700	-0.855	499.700	498.400	1.919
σ		31.330	28.960	28.350	12.600	9.188	0.365	14.200	9.218	1.828
%RSD		3.109	2.868	2.825	2.541	1.842	42.720	2.842	1.849	95.290

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:29:21	501.200	497.500	495.700	492.200	495.600	0.002	93%	504.700	503.800
2	00:30:29	479.900	484.200	480.200	483.600	483.800	0.006	95%	490.600	489.900
3	00:31:37	516.700	510.100	509.300	510.100	509.100	0.003	93%	507.000	513.500
x		499.300	497.200	495.100	495.300	496.200	0.004	94%	500.800	502.400
σ		18.470	12.940	14.560	13.550	12.660	0.002	1%	8.857	11.850
%RSD		3.699	2.602	2.941	2.736	2.551	64.060	1	1.769	2.359

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:29:21	6.546	504.800	502.500	501.800	503.200	498.700	2519.000	2412.000	94%
2	00:30:29	10.310	490.900	487.200	487.500	484.900	484.700	2440.000	2355.000	95%
3	00:31:37	12.860	507.200	513.100	510.500	512.800	508.200	2537.000	2453.000	93%
x		9.905	501.000	500.900	499.900	500.300	497.200	2499.000	2407.000	94%
σ		3.175	8.765	13.040	11.590	14.150	11.810	51.460	49.240	1%
%RSD		32.050	1.750	2.603	2.318	2.828	2.376	2.059	2.046	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:29:21	94%	497.700	520.300	500.200	503.100	502.500	92%	525.400
2	00:30:29	96%	486.700	513.200	489.500	489.700	486.500	94%	506.700
3	00:31:37	94%	510.400	533.100	506.700	510.600	511.200	91%	535.400
x		94%	498.300	522.200	498.800	501.200	500.100	92%	522.500
σ		1%	11.860	10.090	8.670	10.600	12.540	1%	14.550
%RSD		1	2.379	1.932	1.738	2.115	2.507	1	2.786

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:37:15	94%	-0.160	8.474	0.000	25.710	14.230	15.990	14.900	2.734
2	00:38:23	93%	-0.175	8.636	0.000	21.060	10.500	10.600	10.280	1.788
3	00:39:31	96%	-0.082	6.361	0.000	10.580	8.005	8.539	7.650	1.647
x		94%	-0.139	7.824	0.000	19.120	10.910	11.710	10.940	2.056
σ		2%	0.050	1.269	0.000	7.750	3.134	3.849	3.669	0.591
%RSD		2	35.710	16.220	0.000	40.540	28.720	32.870	33.530	28.740

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:37:15	2.405	5.694	0.000	0.000	68.840	13.720	38.730	95%	0.142
2	00:38:23	1.146	1.076	0.000	0.000	61.330	11.500	31.710	97%	-0.073
3	00:39:31	-0.161	2.242	0.000	0.000	62.150	10.150	29.600	96%	0.075
x		1.130	3.004	0.000	0.000	64.110	11.790	33.350	96%	0.048
σ		1.283	2.402	0.000	0.000	4.116	1.803	4.784	1%	0.110
%RSD		113.600	79.950	0.000	0.000	6.421	15.290	14.350	1	228.100

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:37:15	0.088	0.143	15.300	8.055	0.312	2.862	9.492	0.137	0.115
2	00:38:23	-0.187	0.148	14.820	5.710	0.258	-0.588	6.276	0.098	0.106
3	00:39:31	-0.203	0.143	14.800	7.819	0.198	-0.607	6.961	0.065	0.112
x		-0.100	0.145	14.970	7.195	0.256	0.556	7.576	0.100	0.111
σ		0.164	0.003	0.283	1.292	0.057	1.997	1.694	0.036	0.005
%RSD		163.100	1.836	1.891	17.950	22.190	359.300	22.360	35.990	4.431

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:37:15	0.238	0.198	0.430	0.143	0.181	0.126	1.284	0.180	0.317
2	00:38:23	0.132	0.228	0.253	-0.003	-0.329	0.137	0.742	-0.328	1.074
3	00:39:31	0.099	0.063	0.211	0.075	-0.535	0.121	0.583	-0.533	2.903
x		0.157	0.163	0.298	0.072	-0.228	0.128	0.870	-0.227	1.431
σ		0.073	0.088	0.116	0.073	0.368	0.009	0.368	0.367	1.330
%RSD		46.360	53.800	38.890	102.200	161.700	6.655	42.260	161.600	92.890

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:37:15	1.256	1.175	1.054	1.089	1.068	0.002	95%	-0.782	0.141
2	00:38:23	0.793	0.759	0.752	0.745	0.794	0.005	95%	0.386	0.113
3	00:39:31	0.615	0.621	0.591	0.560	0.569	0.000	95%	0.147	0.083
x		0.888	0.852	0.799	0.798	0.810	0.002	95%	-0.083	0.113
σ		0.331	0.288	0.235	0.269	0.250	0.002	0%	0.617	0.029
%RSD		37.310	33.880	29.420	33.640	30.840	114.500	0	742.000	25.490

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:37:15	0.496	-0.780	0.197	0.076	0.441	0.930	0.698	0.606	93%
2	00:38:23	-0.184	0.389	0.101	0.088	0.312	0.689	0.503	0.411	94%
3	00:39:31	0.031	0.149	0.096	0.047	0.283	0.513	0.324	0.358	94%
x		0.115	-0.081	0.131	0.070	0.345	0.711	0.508	0.458	94%
σ		0.347	0.617	0.057	0.021	0.084	0.210	0.187	0.131	0%
%RSD		303.500	765.300	43.620	29.550	24.310	29.520	36.740	28.520	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:37:15	94%	0.154	0.155	0.134	0.130	0.135	93%	0.143
2	00:38:23	94%	0.108	0.115	0.112	0.120	0.108	94%	0.104
3	00:39:31	93%	0.063	0.072	0.074	0.065	0.077	94%	0.085
x		94%	0.108	0.114	0.107	0.105	0.107	94%	0.111
σ		0%	0.045	0.041	0.030	0.035	0.029	0%	0.030
%RSD		0	41.750	36.230	28.540	33.120	27.210	0	26.890

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:45:09	101%	-0.130	54.240	0.000	148400.000	52660.000	52850.000	52820.000	9.233
2	00:46:17	97%	-0.205	51.910	0.000	156600.000	55280.000	55360.000	54930.000	9.231
3	00:47:25	100%	-0.284	49.890	0.000	151200.000	53430.000	53750.000	53400.000	8.934
x		99%	-0.206	52.010	0.000	152000.000	53790.000	53990.000	53720.000	9.133
σ		2%	0.077	2.174	0.000	4177.000	1345.000	1270.000	1094.000	0.172
%RSD		2	37.270	4.180	0.000	2.747	2.500	2.353	2.036	1.887

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:45:09	10800.000	44.760	0.000	0.000	3807.000	135000.000	141000.000	103%	0.689
2	00:46:17	11370.000	44.800	0.000	0.000	3952.000	139500.000	145600.000	101%	0.750
3	00:47:25	10820.000	46.100	0.000	0.000	3819.000	134700.000	140900.000	103%	0.893
x		11000.000	45.220	0.000	0.000	3859.000	136400.000	142500.000	102%	0.778
σ		324.200	0.762	0.000	0.000	80.330	2688.000	2678.000	1%	0.105
%RSD		2.949	1.685	0.000	0.000	2.081	1.970	1.880	1	13.440

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:45:09	1.631	0.272	16.290	8.752	1.046	14.110	357.700	0.365	2.017
2	00:46:17	2.002	0.295	15.920	7.780	1.058	16.640	362.100	0.375	1.893
3	00:47:25	1.646	0.299	15.930	8.193	0.985	14.290	349.500	0.335	1.722
x		1.760	0.289	16.050	8.242	1.030	15.010	356.400	0.358	1.877
σ		0.210	0.015	0.210	0.488	0.039	1.410	6.386	0.021	0.148
%RSD		11.930	5.217	1.310	5.919	3.811	9.390	1.792	5.905	7.890

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:45:09	1.720	1.523	18.400	2.176	0.998	0.097	1.663	1.000	-1.590
2	00:46:17	1.745	1.612	18.910	2.265	0.314	0.116	1.012	0.315	1.311
3	00:47:25	1.694	1.577	18.460	2.275	0.794	0.091	1.171	0.795	-0.388
x		1.719	1.571	18.590	2.239	0.702	0.101	1.282	0.703	-0.222
σ		0.026	0.045	0.280	0.055	0.351	0.013	0.339	0.352	1.457
%RSD		1.487	2.870	1.507	2.443	50.040	12.680	26.480	50.020	655.800

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:45:09	0.636	0.448	0.496	0.510	0.515	0.002	96%	0.291	0.038
2	00:46:17	0.676	0.490	0.513	0.518	0.468	0.000	95%	0.728	0.040
3	00:47:25	0.638	0.416	0.432	0.374	0.486	0.002	97%	0.618	0.032
x		0.650	0.451	0.480	0.467	0.490	0.001	96%	0.546	0.037
σ		0.023	0.037	0.043	0.081	0.023	0.001	1%	0.227	0.004
%RSD		3.536	8.194	8.903	17.290	4.759	86.610	1	41.670	11.540

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:45:09	-0.035	0.287	0.045	0.063	0.135	0.269	159.300	153.300	98%
2	00:46:17	-0.266	0.724	0.033	0.123	0.118	0.249	163.500	159.700	97%
3	00:47:25	-0.241	0.616	0.022	0.092	0.112	0.244	159.300	155.900	98%
x		-0.181	0.542	0.033	0.093	0.122	0.254	160.700	156.300	98%
σ		0.127	0.228	0.011	0.030	0.012	0.013	2.439	3.236	1%
%RSD		70.000	42.010	34.150	32.320	9.760	5.258	1.518	2.070	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:45:09	98%	0.055	0.063	0.253	0.200	0.235	95%	11.370
2	00:46:17	97%	0.058	0.068	0.262	0.251	0.255	93%	11.920
3	00:47:25	99%	0.053	0.053	0.215	0.231	0.219	95%	11.450
x		98%	0.055	0.061	0.243	0.227	0.237	94%	11.580
σ		1%	0.003	0.007	0.025	0.026	0.018	1%	0.296
%RSD		1	5.313	11.880	10.190	11.490	7.661	1	2.553

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:53:03	99%	-0.188	12.100	0.000	13900.000	334.900	330.100	335.700	48.310
2	00:54:11	101%	-0.201	13.460	0.000	13670.000	325.700	326.200	326.400	48.070
3	00:55:19	99%	-0.176	10.740	0.000	13940.000	333.000	331.700	335.200	49.660
x		100%	-0.188	12.100	0.000	13840.000	331.200	329.300	332.400	48.680
σ		1%	0.013	1.358	0.000	146.200	4.835	2.817	5.246	0.860
%RSD		1	6.740	11.220	0.000	1.057	1.460	0.855	1.578	1.766

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:53:03	422.600	33.340	0.000	0.000	784.700	1418.000	1367.000	100%	2.423
2	00:54:11	413.000	33.350	0.000	0.000	775.500	1365.000	1361.000	100%	2.048
3	00:55:19	416.900	32.370	0.000	0.000	778.100	1415.000	1371.000	101%	2.403
x		417.500	33.020	0.000	0.000	779.500	1399.000	1366.000	100%	2.291
σ		4.869	0.561	0.000	0.000	4.719	29.750	4.755	0%	0.211
%RSD		1.166	1.698	0.000	0.000	0.605	2.126	0.348	0	9.212

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:53:03	0.963	0.269	15.860	29.140	38.520	22.810	30.930	0.033	0.084
2	00:54:11	1.495	0.295	15.790	26.600	38.040	22.430	30.340	0.014	0.177
3	00:55:19	1.404	0.286	15.820	25.780	38.410	22.500	26.060	0.029	0.107
x		1.287	0.283	15.820	27.180	38.320	22.580	29.110	0.025	0.123
σ		0.285	0.013	0.036	1.751	0.252	0.205	2.657	0.010	0.049
%RSD		22.140	4.627	0.226	6.442	0.657	0.910	9.127	38.900	39.800

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:53:03	0.329	0.309	0.474	0.586	0.248	0.098	0.652	0.247	0.280
2	00:54:11	0.275	0.235	0.499	0.618	0.129	0.090	0.429	0.129	0.096
3	00:55:19	0.274	0.272	0.494	0.409	-0.183	0.139	0.838	-0.182	-0.297
x		0.292	0.272	0.489	0.538	0.065	0.109	0.639	0.065	0.026
σ		0.031	0.037	0.013	0.112	0.222	0.026	0.205	0.222	0.295
%RSD		10.740	13.670	2.656	20.900	343.200	24.080	31.990	342.900	1123.000

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:53:03	0.461	0.154	0.148	0.129	0.144	0.000	99%	-0.328	0.012
2	00:54:11	0.520	0.152	0.186	0.112	0.134	0.002	100%	1.286	0.007
3	00:55:19	0.440	0.120	0.139	0.186	0.116	0.002	99%	0.728	0.002
x		0.474	0.142	0.158	0.142	0.131	0.001	99%	0.562	0.007
σ		0.042	0.019	0.025	0.039	0.014	0.001	1%	0.820	0.005
%RSD		8.785	13.470	15.880	27.300	10.900	86.610	1	145.900	69.110

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:53:03	0.178	-0.325	0.004	-0.010	0.052	0.108	4.341	4.340	97%
2	00:54:11	-0.564	1.294	0.007	0.067	0.034	0.114	4.308	4.480	97%
3	00:55:19	-0.346	0.733	0.006	0.043	0.048	0.073	3.970	4.324	97%
x		-0.244	0.567	0.006	0.033	0.045	0.098	4.206	4.381	97%
σ		0.381	0.822	0.001	0.039	0.010	0.022	0.205	0.086	0%
%RSD		156.300	144.900	21.080	118.300	21.450	22.680	4.884	1.954	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:53:03	98%	0.013	0.010	0.118	0.092	0.098	97%	0.061
2	00:54:11	97%	0.004	0.006	0.112	0.100	0.095	96%	0.063
3	00:55:19	97%	0.006	0.009	0.106	0.086	0.097	96%	0.060
x		97%	0.008	0.008	0.112	0.093	0.096	96%	0.061
σ		0%	0.005	0.002	0.006	0.007	0.002	1%	0.001
%RSD		0	62.900	28.140	5.698	7.634	1.925	1	2.258

C4369-01 MH30Z9 11/09/2011 12:59:49 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:00:57	97%	-0.224	27.940	0.000	14600.000	12220.000	11690.000	11740.000	17.700
2	01:02:05	98%	-0.214	26.420	0.000	14500.000	12110.000	11550.000	11580.000	17.610
3	01:03:13	98%	-0.227	24.840	0.000	14570.000	12230.000	11730.000	11870.000	17.080
x		98%	-0.221	26.400	0.000	14560.000	12190.000	11660.000	11730.000	17.470
σ		1%	0.007	1.551	0.000	51.620	65.260	93.990	145.600	0.335
%RSD		1	3.185	5.874	0.000	0.355	0.536	0.806	1.241	1.916

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:00:57	7251.000	50.240	0.000	0.000	2441.000	28040.000	27250.000	101%	0.961
2	01:02:05	7153.000	49.140	0.000	0.000	2446.000	27850.000	27390.000	101%	1.180
3	01:03:13	7234.000	50.470	0.000	0.000	2474.000	28590.000	27550.000	101%	0.735
x		7213.000	49.950	0.000	0.000	2454.000	28160.000	27400.000	101%	0.959
σ		52.660	0.713	0.000	0.000	18.050	386.900	150.400	0%	0.223
%RSD		0.730	1.427	0.000	0.000	0.736	1.374	0.549	0	23.230

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:00:57	0.324	0.264	11.150	34.150	4.370	41.460	114.600	0.443	0.691
2	01:02:05	0.459	0.285	10.970	36.510	4.457	41.500	111.900	0.468	0.805
3	01:03:13	0.334	0.270	10.870	33.440	4.366	42.990	118.400	0.494	0.633
x		0.373	0.273	11.000	34.700	4.398	41.980	115.000	0.468	0.710
σ		0.075	0.011	0.142	1.605	0.052	0.869	3.268	0.025	0.088
%RSD		20.100	4.021	1.295	4.624	1.177	2.071	2.842	5.403	12.380

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:00:57	1.286	1.342	3.829	1.779	0.151	0.065	0.530	0.151	-0.004
2	01:02:05	1.283	1.444	3.709	1.367	0.169	0.121	0.285	0.169	0.827
3	01:03:13	1.233	1.274	3.768	1.915	0.130	0.063	0.652	0.130	0.248
x		1.267	1.353	3.769	1.687	0.150	0.083	0.489	0.150	0.357
σ		0.030	0.085	0.060	0.285	0.020	0.033	0.187	0.020	0.426
%RSD		2.363	6.306	1.600	16.890	13.080	39.920	38.250	13.080	119.300

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:00:57	0.971	0.626	0.635	0.578	0.524	0.003	97%	-0.923	0.001
2	01:02:05	0.749	0.590	0.585	0.618	0.499	0.003	99%	0.232	0.001
3	01:03:13	0.783	0.570	0.604	0.526	0.675	0.000	99%	-0.905	0.002
x		0.834	0.595	0.608	0.574	0.566	0.002	99%	-0.532	0.001
σ		0.119	0.029	0.025	0.046	0.095	0.002	1%	0.662	0.001
%RSD		14.310	4.830	4.185	8.037	16.810	86.610	1	124.400	77.240

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:00:57	0.436	-0.922	0.005	-0.034	0.057	0.148	170.900	165.400	97%
2	01:02:05	-0.062	0.235	0.003	0.026	0.025	0.154	170.700	164.000	98%
3	01:03:13	0.475	-0.902	0.008	-0.036	0.036	0.129	169.600	163.600	97%
x		0.283	-0.529	0.005	-0.015	0.039	0.144	170.400	164.400	97%
σ		0.300	0.662	0.002	0.035	0.016	0.013	0.664	0.945	1%
%RSD		105.900	125.100	46.640	237.200	41.830	9.252	0.390	0.575	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:00:57	97%	0.021	0.019	0.413	0.383	0.398	96%	2.240
2	01:02:05	98%	0.006	0.013	0.407	0.406	0.393	97%	2.194
3	01:03:13	98%	0.009	0.007	0.426	0.359	0.393	96%	2.249
x		97%	0.012	0.013	0.415	0.383	0.395	97%	2.228
σ		1%	0.008	0.006	0.009	0.024	0.003	1%	0.029
%RSD		1	65.570	45.060	2.289	6.196	0.760	1	1.322

C4369-02 MH3100 11/09/2011 01:07:44 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:08:52	97%	-0.252	25.890	0.000	14330.000	12160.000	11590.000	11650.000	114.800
2	01:10:00	99%	-0.202	22.820	0.000	14260.000	12060.000	11580.000	11650.000	116.200
3	01:11:08	97%	-0.182	27.200	0.000	14720.000	12420.000	11810.000	11940.000	116.900
x		98%	-0.212	25.300	0.000	14430.000	12210.000	11660.000	11750.000	115.900
σ		1%	0.036	2.247	0.000	246.200	183.700	127.600	167.700	1.082
%RSD		1	16.930	8.881	0.000	1.706	1.504	1.094	1.428	0.934

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:08:52	7243.000	65.090	0.000	0.000	2484.000	27980.000	27370.000	102%	3.412
2	01:10:00	7371.000	62.570	0.000	0.000	2485.000	28190.000	27320.000	102%	3.807
3	01:11:08	7447.000	65.600	0.000	0.000	2540.000	28650.000	27920.000	101%	2.795
x		7354.000	64.420	0.000	0.000	2503.000	28270.000	27540.000	101%	3.338
σ		102.700	1.621	0.000	0.000	32.110	342.400	330.200	0%	0.510
%RSD		1.397	2.517	0.000	0.000	1.283	1.211	1.199	0	15.270

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:08:52	0.634	1.040	9.370	137.900	7.179	140.500	203.400	0.142	1.810
2	01:10:00	0.909	0.904	8.643	129.600	7.223	144.300	205.600	0.149	1.674
3	01:11:08	1.073	1.101	8.549	134.100	7.500	148.700	211.300	0.182	1.870
x		0.872	1.015	8.854	133.900	7.300	144.500	206.700	0.158	1.784
σ		0.222	0.101	0.450	4.186	0.174	4.083	4.095	0.021	0.101
%RSD		25.440	9.957	5.079	3.127	2.385	2.826	1.981	13.450	5.632

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:08:52	1.627	1.699	5.154	1.830	-0.065	0.048	0.386	-0.065	0.046
2	01:10:00	1.589	1.671	5.163	1.822	-0.182	0.056	0.647	-0.182	2.615
3	01:11:08	1.750	1.655	5.432	1.664	0.171	0.079	0.942	0.171	0.940
x		1.655	1.675	5.250	1.772	-0.025	0.061	0.658	-0.025	1.200
σ		0.084	0.022	0.158	0.093	0.180	0.016	0.279	0.180	1.304
%RSD		5.072	1.326	3.001	5.261	706.700	26.280	42.310	714.300	108.700

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:08:52	1.017	0.488	0.610	0.431	0.502	0.002	98%	-0.334	0.005
2	01:10:00	1.200	0.514	0.563	0.477	0.504	0.002	99%	-0.038	-0.000
3	01:11:08	1.025	0.484	0.542	0.533	0.441	0.000	97%	0.311	0.002
x		1.081	0.495	0.572	0.480	0.482	0.001	98%	-0.021	0.002
σ		0.103	0.016	0.035	0.051	0.036	0.001	1%	0.323	0.002
%RSD		9.542	3.233	6.081	10.650	7.436	86.600	1	1565.000	108.200

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:08:52	0.182	-0.332	0.004	0.019	0.030	0.134	172.000	166.900	97%
2	01:10:00	0.066	-0.036	0.006	0.002	0.012	0.112	170.300	165.200	98%
3	01:11:08	-0.098	0.313	0.003	0.026	0.031	0.124	176.900	171.500	97%
x		0.050	-0.019	0.004	0.016	0.024	0.123	173.000	167.900	97%
σ		0.141	0.323	0.002	0.013	0.011	0.011	3.434	3.250	1%
%RSD		282.100	1733.000	35.600	79.660	44.200	8.605	1.984	1.936	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:08:52	97%	0.004	0.006	0.443	0.388	0.429	96%	2.300
2	01:10:00	98%	0.004	0.005	0.445	0.417	0.422	98%	2.297
3	01:11:08	97%	0.003	0.013	0.510	0.431	0.474	96%	2.345
x		97%	0.003	0.008	0.466	0.412	0.442	97%	2.314
σ		1%	0.001	0.004	0.038	0.022	0.028	1%	0.027
%RSD		1	16.750	52.110	8.184	5.384	6.410	1	1.158

C4369-03 MH3101 11/09/2011 01:15:38 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:16:46	97%	-0.258	20.140	0.000	14300.000	11990.000	11430.000	11570.000	19.160
2	01:17:54	98%	-0.154	25.090	0.000	14240.000	12040.000	11580.000	11530.000	19.880
3	01:19:02	99%	-0.229	18.780	0.000	13980.000	11900.000	11320.000	11360.000	19.280
x		98%	-0.214	21.340	0.000	14170.000	11970.000	11450.000	11490.000	19.440
σ		1%	0.054	3.317	0.000	171.900	67.690	130.000	110.900	0.385
%RSD		1	25.190	15.550	0.000	1.213	0.565	1.136	0.966	1.979

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:16:46	6973.000	50.840	0.000	0.000	2462.000	27430.000	26770.000	102%	0.698
2	01:17:54	6970.000	48.160	0.000	0.000	2438.000	27380.000	26810.000	102%	1.269
3	01:19:02	6904.000	46.920	0.000	0.000	2388.000	26970.000	26290.000	104%	1.034
x		6949.000	48.640	0.000	0.000	2429.000	27260.000	26630.000	103%	1.000
σ		39.230	2.006	0.000	0.000	38.070	250.300	287.600	1%	0.287
%RSD		0.565	4.123	0.000	0.000	1.567	0.918	1.080	1	28.680

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:16:46	0.564	0.132	7.973	25.120	6.120	31.930	101.500	0.623	0.656
2	01:17:54	0.598	0.225	7.853	23.580	6.128	32.110	96.250	0.654	0.523
3	01:19:02	0.530	0.179	7.675	21.690	6.136	30.110	96.040	0.654	0.584
x		0.564	0.179	7.834	23.460	6.128	31.380	97.930	0.643	0.588
σ		0.034	0.047	0.150	1.718	0.008	1.108	3.089	0.018	0.067
%RSD		6.016	26.230	1.918	7.322	0.129	3.530	3.154	2.789	11.390

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:16:46	1.147	1.018	3.543	1.575	0.110	0.061	0.326	0.110	-2.025
2	01:17:54	1.060	1.255	3.696	1.774	0.091	0.062	1.008	0.091	0.167
3	01:19:02	1.048	1.074	3.423	1.529	0.068	0.080	0.485	0.068	0.398
x		1.085	1.116	3.554	1.626	0.090	0.067	0.606	0.090	-0.486
σ		0.054	0.124	0.137	0.130	0.021	0.011	0.357	0.021	1.337
%RSD		4.992	11.120	3.852	8.011	23.580	16.220	58.840	23.500	274.900

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:16:46	0.862	0.600	0.592	0.494	0.563	0.000	99%	0.624	-0.000
2	01:17:54	0.803	0.595	0.533	0.570	0.571	0.000	98%	0.106	-0.002
3	01:19:02	0.774	0.613	0.660	0.583	0.517	0.000	101%	0.144	-0.000
x		0.813	0.603	0.595	0.549	0.550	0.000	99%	0.291	-0.001
σ		0.045	0.009	0.064	0.048	0.029	0.000	2%	0.289	0.001
%RSD		5.501	1.499	10.680	8.781	5.306	0.000	2	99.200	114.300

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:16:46	-0.273	0.628	0.008	0.039	0.024	0.160	164.000	157.600	97%
2	01:17:54	-0.025	0.105	0.006	0.005	0.012	0.163	162.900	160.900	98%
3	01:19:02	-0.045	0.145	0.002	0.017	0.012	0.145	160.400	155.300	100%
x		-0.114	0.293	0.005	0.020	0.016	0.156	162.400	157.900	99%
σ		0.138	0.291	0.003	0.017	0.007	0.010	1.886	2.792	2%
%RSD		120.800	99.590	58.010	85.230	42.540	6.174	1.161	1.768	2

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:16:46	98%	0.007	0.010	0.169	0.160	0.166	97%	2.217
2	01:17:54	98%	0.010	0.013	0.179	0.165	0.169	98%	2.207
3	01:19:02	100%	0.003	0.011	0.166	0.180	0.170	100%	2.155
x		99%	0.007	0.011	0.171	0.169	0.168	98%	2.193
σ		1%	0.003	0.002	0.007	0.011	0.002	2%	0.033
%RSD		1	45.810	13.690	4.036	6.249	1.144	2	1.509

C4369-04 MH3102 11/09/2011 01:23:33 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:24:41	97%	-0.271	23.900	0.000	6306.000	8804.000	8335.000	8359.000	6.783
2	01:25:49	97%	-0.223	23.470	0.000	6194.000	8674.000	8246.000	8287.000	6.943
3	01:26:58	100%	-0.265	22.460	0.000	6046.000	8479.000	8027.000	8041.000	6.990
x		98%	-0.253	23.270	0.000	6182.000	8652.000	8203.000	8229.000	6.905
σ		2%	0.026	0.741	0.000	130.200	163.500	158.800	166.600	0.108
%RSD		2	10.260	3.184	0.000	2.107	1.890	1.936	2.025	1.569

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:24:41	5455.000	1.452	0.000	0.000	1887.000	30420.000	30070.000	100%	0.602
2	01:25:49	5500.000	1.307	0.000	0.000	1850.000	29890.000	29360.000	102%	0.391
3	01:26:58	5259.000	-1.512	0.000	0.000	1812.000	29720.000	29130.000	103%	0.340
x		5405.000	0.415	0.000	0.000	1849.000	30010.000	29520.000	102%	0.445
σ		128.000	1.671	0.000	0.000	37.570	365.300	488.500	1%	0.139
%RSD		2.369	402.300	0.000	0.000	2.031	1.217	1.655	1	31.250

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:24:41	1.000	0.258	6.296	18.110	4.930	27.710	107.800	0.626	0.371
2	01:25:49	0.298	0.214	6.987	16.660	4.781	24.970	101.200	0.632	0.493
3	01:26:58	0.420	0.240	6.419	13.690	4.754	24.230	100.700	0.601	0.457
x		0.573	0.238	6.567	16.150	4.821	25.640	103.200	0.620	0.440
σ		0.375	0.022	0.368	2.251	0.095	1.832	3.988	0.016	0.063
%RSD		65.510	9.346	5.611	13.940	1.965	7.148	3.863	2.659	14.190

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:24:41	1.459	1.728	5.981	2.124	-0.065	0.106	1.217	-0.065	0.678
2	01:25:49	1.453	1.423	6.440	2.328	0.129	0.060	0.439	0.129	-1.269
3	01:26:58	1.394	1.600	6.199	2.412	-0.354	0.055	1.071	-0.353	2.710
x		1.435	1.584	6.207	2.288	-0.097	0.074	0.909	-0.097	0.706
σ		0.036	0.153	0.230	0.148	0.243	0.028	0.414	0.243	1.990
%RSD		2.487	9.667	3.702	6.476	250.600	38.270	45.530	251.100	281.800

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:24:41	1.001	0.773	0.730	0.817	0.770	0.002	98%	-1.113	-0.002
2	01:25:49	1.002	0.662	0.866	0.834	0.815	0.002	99%	-0.362	0.002
3	01:26:58	0.916	0.769	0.765	0.729	0.816	0.000	100%	-0.335	-0.001
x		0.973	0.735	0.787	0.793	0.800	0.001	99%	-0.603	-0.000
σ		0.049	0.063	0.071	0.056	0.026	0.001	1%	0.442	0.002
%RSD		5.048	8.607	8.981	7.079	3.301	86.610	1	73.260	889.700

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:24:41	0.575	-1.113	0.007	-0.046	0.017	0.176	94.920	91.290	98%
2	01:25:49	0.194	-0.359	0.004	-0.005	0.024	0.181	93.630	91.100	98%
3	01:26:58	0.157	-0.331	0.008	0.005	0.028	0.198	93.340	89.370	99%
x		0.309	-0.601	0.006	-0.016	0.023	0.185	93.960	90.590	98%
σ		0.232	0.443	0.002	0.027	0.005	0.011	0.842	1.060	1%
%RSD		75.090	73.800	39.300	174.700	22.790	6.044	0.896	1.170	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:24:41	97%	0.004	0.007	1.277	1.170	1.221	96%	1.527
2	01:25:49	98%	-0.002	0.005	1.272	1.148	1.198	98%	1.490
3	01:26:58	99%	0.005	0.006	1.259	1.141	1.190	98%	1.506
x		98%	0.002	0.006	1.269	1.153	1.203	97%	1.508
σ		1%	0.004	0.001	0.009	0.015	0.016	1%	0.018
%RSD		1	157.100	16.730	0.736	1.319	1.325	1	1.217

C4369-05 MH3103 11/09/2011 01:31:29 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:32:37	99%	-0.202	21.970	0.000	8505.000	8601.000	8245.000	8361.000	7.833
2	01:33:45	98%	-0.280	26.710	0.000	8517.000	8634.000	8228.000	8328.000	8.230
3	01:34:53	98%	-0.206	24.210	0.000	8769.000	8891.000	8522.000	8631.000	7.899
x		98%	-0.229	24.300	0.000	8597.000	8709.000	8332.000	8440.000	7.987
σ		0%	0.044	2.370	0.000	149.200	159.000	165.300	165.800	0.212
%RSD		0	19.110	9.753	0.000	1.735	1.826	1.984	1.964	2.659

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:32:37	5463.000	0.630	0.000	0.000	1883.000	29890.000	28920.000	103%	0.462
2	01:33:45	5502.000	1.352	0.000	0.000	1905.000	29730.000	29130.000	102%	0.744
3	01:34:53	5666.000	-0.352	0.000	0.000	1964.000	30700.000	29890.000	101%	0.781
x		5544.000	0.543	0.000	0.000	1917.000	30110.000	29320.000	102%	0.662
σ		107.500	0.856	0.000	0.000	41.990	519.900	509.400	1%	0.175
%RSD		1.940	157.500	0.000	0.000	2.190	1.727	1.738	1	26.340

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:32:37	0.842	0.242	5.697	15.250	30.320	21.640	97.420	0.670	0.421
2	01:33:45	0.727	0.139	5.700	15.910	30.370	22.180	94.430	0.634	0.500
3	01:34:53	0.869	0.190	5.290	16.270	31.290	23.850	101.800	0.694	0.509
x		0.812	0.191	5.562	15.810	30.660	22.560	97.890	0.666	0.476
σ		0.075	0.052	0.236	0.519	0.547	1.150	3.715	0.030	0.048
%RSD		9.248	27.090	4.239	3.285	1.783	5.097	3.795	4.535	10.170

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:32:37	1.526	1.645	3.985	2.652	-0.046	0.037	1.459	-0.046	1.412
2	01:33:45	1.610	1.469	4.212	2.519	-0.046	0.061	1.170	-0.046	1.342
3	01:34:53	1.641	1.706	4.359	2.878	0.545	0.023	1.007	0.544	-1.043
x		1.592	1.607	4.186	2.683	0.151	0.040	1.212	0.151	0.571
σ		0.059	0.123	0.189	0.181	0.341	0.019	0.229	0.341	1.397
%RSD		3.722	7.644	4.506	6.754	226.200	46.730	18.880	225.900	244.900

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:32:37	1.038	0.776	0.870	0.723	0.828	0.002	100%	-0.144	0.004
2	01:33:45	1.028	0.766	0.772	0.800	0.876	0.000	100%	0.761	-0.002
3	01:34:53	1.269	0.881	0.864	0.854	0.857	0.002	98%	0.052	0.002
x		1.112	0.808	0.835	0.792	0.854	0.001	99%	0.223	0.001
σ		0.137	0.064	0.055	0.066	0.025	0.001	1%	0.476	0.003
%RSD		12.300	7.917	6.607	8.313	2.876	86.620	1	213.400	206.900

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:32:37	0.090	-0.139	0.004	0.022	0.385	0.214	94.330	90.920	98%
2	01:33:45	-0.338	0.766	0.003	0.049	0.340	0.211	95.660	91.890	98%
3	01:34:53	0.024	0.053	0.008	0.020	0.416	0.203	99.050	96.690	97%
x		-0.075	0.227	0.005	0.030	0.380	0.209	96.350	93.170	97%
σ		0.230	0.477	0.003	0.016	0.039	0.006	2.432	3.088	0%
%RSD		309.300	210.400	52.220	52.970	10.140	2.715	2.524	3.314	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:32:37	98%	-0.008	0.003	0.159	0.128	0.143	97%	1.521
2	01:33:45	99%	-0.004	0.008	0.160	0.124	0.143	98%	1.534
3	01:34:53	97%	-0.003	0.003	0.140	0.138	0.141	96%	1.592
x		98%	-0.005	0.004	0.153	0.130	0.142	97%	1.549
σ		1%	0.003	0.003	0.011	0.007	0.001	1%	0.038
%RSD		1	53.030	63.650	7.377	5.525	0.690	1	2.426

C4369-06 MH3104 11/09/2011 01:39:25 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:40:33	100%	-0.139	24.140	0.000	8825.000	8586.000	8234.000	8281.000	10.340
2	01:41:41	99%	-0.169	22.700	0.000	9045.000	8809.000	8352.000	8487.000	10.860
3	01:42:49	101%	-0.253	26.020	0.000	8836.000	8588.000	8267.000	8278.000	10.760
x		100%	-0.187	24.290	0.000	8902.000	8661.000	8285.000	8349.000	10.650
σ		1%	0.059	1.663	0.000	123.900	128.100	61.030	119.800	0.275
%RSD		1	31.710	6.848	0.000	1.392	1.479	0.737	1.435	2.580

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:40:33	5431.000	3.599	0.000	0.000	1940.000	30310.000	29540.000	103%	0.742
2	01:41:41	5567.000	6.389	0.000	0.000	1976.000	31120.000	30180.000	101%	0.806
3	01:42:49	5436.000	3.222	0.000	0.000	1948.000	30580.000	29850.000	103%	1.020
x		5478.000	4.403	0.000	0.000	1955.000	30670.000	29860.000	102%	0.856
σ		76.860	1.730	0.000	0.000	18.510	417.200	317.700	1%	0.146
%RSD		1.403	39.280	0.000	0.000	0.947	1.360	1.064	1	17.040

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:40:33	0.640	0.313	4.951	30.680	24.580	35.870	113.200	0.686	0.715
2	01:41:41	0.739	0.383	4.936	30.900	25.160	37.620	117.700	0.628	0.604
3	01:42:49	0.572	0.383	4.992	27.680	24.520	36.300	111.800	0.620	0.690
x		0.650	0.359	4.960	29.760	24.760	36.600	114.200	0.645	0.669
σ		0.084	0.041	0.029	1.798	0.355	0.915	3.085	0.036	0.058
%RSD		12.910	11.280	0.585	6.044	1.432	2.499	2.700	5.613	8.712

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:40:33	2.236	1.902	8.218	2.498	0.337	0.068	0.609	0.337	-2.585
2	01:41:41	2.243	2.168	8.145	2.542	-0.610	0.073	0.951	-0.609	2.037
3	01:42:49	2.216	2.142	8.043	2.746	0.453	0.026	0.919	0.453	-0.104
x		2.232	2.071	8.135	2.596	0.060	0.056	0.826	0.060	-0.217
σ		0.014	0.146	0.088	0.133	0.583	0.026	0.189	0.582	2.313
%RSD		0.623	7.071	1.077	5.105	969.500	45.750	22.880	966.400	1065.000

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:40:33	1.222	0.742	0.802	0.820	0.836	0.000	101%	0.942	0.005
2	01:41:41	1.301	0.712	0.782	0.790	0.738	0.000	99%	0.433	0.008
3	01:42:49	1.152	0.741	0.929	0.787	0.832	0.000	101%	0.357	0.010
x		1.225	0.731	0.838	0.799	0.802	0.000	100%	0.578	0.008
σ		0.074	0.017	0.080	0.018	0.055	0.000	1%	0.318	0.002
%RSD		6.071	2.326	9.537	2.249	6.890	0.000	1	55.040	31.120

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:40:33	-0.375	0.946	0.010	0.095	0.035	0.207	94.090	89.670	99%
2	01:41:41	-0.059	0.434	0.006	0.077	0.045	0.191	93.440	90.940	99%
3	01:42:49	-0.100	0.363	0.013	0.104	0.054	0.163	93.460	90.380	98%
x		-0.178	0.581	0.010	0.092	0.045	0.187	93.660	90.330	99%
σ		0.172	0.318	0.004	0.014	0.009	0.023	0.371	0.634	1%
%RSD		96.540	54.710	37.040	14.700	21.130	12.080	0.396	0.701	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:40:33	99%	-0.002	-0.001	0.362	0.327	0.334	99%	1.510
2	01:41:41	98%	0.000	-0.006	0.360	0.337	0.350	97%	1.525
3	01:42:49	98%	-0.001	0.002	0.366	0.310	0.333	99%	1.487
x		98%	-0.001	-0.002	0.363	0.325	0.339	98%	1.507
σ		1%	0.001	0.004	0.003	0.013	0.010	1%	0.019
%RSD		1	110.300	237.300	0.923	4.104	2.849	1	1.245

C4369-07 MH3105 11/09/2011 01:47:20 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:48:28	101%	-0.208	18.110	0.000	7008.000	8429.000	7970.000	8123.000	9.181
2	01:49:37	99%	-0.222	24.580	0.000	7117.000	8553.000	8140.000	8239.000	9.064
3	01:50:45	98%	-0.212	24.360	0.000	7227.000	8703.000	8283.000	8348.000	9.629
x		99%	-0.214	22.350	0.000	7117.000	8562.000	8131.000	8237.000	9.291
σ		2%	0.007	3.676	0.000	109.100	136.900	157.000	112.800	0.298
%RSD		2	3.301	16.450	0.000	1.533	1.599	1.931	1.370	3.206

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:48:28	5318.000	3.423	0.000	0.000	1876.000	29650.000	28890.000	103%	0.613
2	01:49:37	5427.000	3.417	0.000	0.000	1890.000	29830.000	29100.000	103%	0.883
3	01:50:45	5472.000	5.599	0.000	0.000	1904.000	30260.000	29450.000	103%	0.490
x		5406.000	4.146	0.000	0.000	1890.000	29910.000	29150.000	103%	0.662
σ		79.130	1.258	0.000	0.000	13.740	314.600	280.900	0%	0.201
%RSD		1.464	30.350	0.000	0.000	0.727	1.052	0.964	0	30.390

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:48:28	0.606	0.190	4.529	15.270	10.670	23.470	94.660	0.331	0.443
2	01:49:37	0.751	0.221	3.957	15.300	10.460	24.420	101.100	0.354	0.466
3	01:50:45	0.536	0.230	4.262	15.080	10.610	24.520	102.200	0.342	0.401
x		0.631	0.214	4.249	15.220	10.580	24.140	99.300	0.342	0.437
σ		0.110	0.021	0.286	0.120	0.111	0.583	4.051	0.011	0.033
%RSD		17.350	9.667	6.733	0.790	1.053	2.414	4.079	3.349	7.609

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:48:28	1.778	1.616	4.079	2.345	0.070	0.047	0.978	0.070	-1.089
2	01:49:37	1.846	1.760	3.909	2.613	-0.065	0.033	0.723	-0.065	0.379
3	01:50:45	1.787	2.071	4.301	2.471	-0.392	0.045	1.162	-0.391	1.230
x		1.804	1.816	4.096	2.476	-0.129	0.042	0.954	-0.129	0.173
σ		0.037	0.233	0.197	0.134	0.237	0.008	0.220	0.237	1.173
%RSD		2.041	12.810	4.805	5.407	183.700	17.960	23.100	183.900	676.400

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:48:28	0.982	0.770	0.789	0.768	0.758	0.000	100%	-0.137	0.002
2	01:49:37	0.916	0.728	0.886	0.875	0.777	0.002	100%	0.431	0.004
3	01:50:45	0.990	0.769	0.820	0.750	0.834	0.000	101%	-1.167	0.000
x		0.963	0.756	0.832	0.798	0.790	0.001	100%	-0.291	0.002
σ		0.041	0.024	0.049	0.068	0.040	0.001	0%	0.810	0.002
%RSD		4.265	3.178	5.950	8.472	5.004	173.200	0	278.600	85.420

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:48:28	0.112	-0.135	0.003	0.036	0.107	0.203	93.510	89.210	99%
2	01:49:37	-0.181	0.433	0.002	0.054	0.102	0.169	92.620	90.600	99%
3	01:50:45	0.599	-1.166	0.003	-0.036	0.124	0.182	93.820	90.960	99%
x		0.177	-0.289	0.003	0.018	0.111	0.185	93.310	90.250	99%
σ		0.394	0.810	0.001	0.048	0.011	0.017	0.621	0.925	0%
%RSD		222.600	280.200	30.000	267.200	10.130	9.350	0.666	1.025	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:48:28	99%	-0.000	-0.000	0.939	0.869	0.900	98%	1.460
2	01:49:37	100%	0.006	0.000	0.958	0.854	0.908	99%	1.440
3	01:50:45	99%	-0.002	-0.000	0.953	0.867	0.892	98%	1.454
x		99%	0.001	-0.000	0.950	0.863	0.900	99%	1.451
σ		0%	0.004	0.000	0.010	0.008	0.008	0%	0.010
%RSD		0	350.000	170.000	1.066	0.924	0.933	0	0.692

C4369-08 MH3106 11/09/2011 01:55:17 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:56:25	97%	-0.170	100.200	0.000	18040.000	9013.000	8583.000	8656.000	40.070
2	01:57:33	95%	-0.198	109.000	0.000	18290.000	9135.000	8701.000	8751.000	40.420
3	01:58:41	94%	-0.188	105.800	0.000	18220.000	9106.000	8717.000	8793.000	40.670
x		96%	-0.185	105.000	0.000	18190.000	9084.000	8667.000	8733.000	40.380
σ		1%	0.014	4.482	0.000	128.100	63.750	73.110	69.960	0.299
%RSD		1	7.730	4.269	0.000	0.704	0.702	0.844	0.801	0.741

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:56:25	5587.000	2.093	0.000	0.000	2072.000	30480.000	29520.000	100%	1.025
2	01:57:33	5705.000	5.197	0.000	0.000	2080.000	31090.000	29780.000	99%	0.929
3	01:58:41	5607.000	4.464	0.000	0.000	2044.000	30140.000	29540.000	100%	1.045
x		5633.000	3.918	0.000	0.000	2065.000	30570.000	29610.000	99%	1.000
σ		62.820	1.623	0.000	0.000	18.430	478.900	147.400	1%	0.062
%RSD		1.115	41.410	0.000	0.000	0.892	1.567	0.498	1	6.214

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:56:25	-0.851	0.417	53.960	15.910	31.980	22.190	99.150	0.300	0.480
2	01:57:33	-0.221	0.427	60.200	19.080	32.050	23.290	98.450	0.289	0.524
3	01:58:41	0.397	0.471	62.740	19.460	32.030	21.590	97.440	0.294	0.714
x		-0.225	0.439	58.970	18.150	32.020	22.350	98.350	0.295	0.573
σ		0.624	0.028	4.515	1.949	0.039	0.861	0.855	0.006	0.124
%RSD		277.500	6.449	7.656	10.740	0.122	3.853	0.870	1.945	21.710

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:56:25	1.922	1.880	6.936	3.106	-0.046	0.437	0.427	-0.045	-0.338
2	01:57:33	1.996	1.922	6.897	3.003	-0.026	0.486	0.257	-0.026	1.084
3	01:58:41	1.973	1.876	6.738	2.921	0.134	0.573	1.100	0.134	-0.474
x		1.964	1.893	6.857	3.010	0.021	0.499	0.595	0.021	0.091
σ		0.038	0.026	0.105	0.093	0.099	0.069	0.446	0.098	0.863
%RSD		1.930	1.348	1.531	3.084	470.300	13.750	75.000	466.300	949.000

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:56:25	1.700	0.903	0.949	0.952	0.893	0.002	98%	-0.269	0.004
2	01:57:33	1.425	0.838	0.938	0.916	0.935	0.005	98%	0.804	0.009
3	01:58:41	1.532	0.935	0.921	0.882	0.919	0.000	96%	-0.249	0.007
x		1.552	0.892	0.936	0.917	0.916	0.002	97%	0.095	0.007
σ		0.139	0.049	0.014	0.035	0.021	0.002	1%	0.614	0.002
%RSD		8.938	5.503	1.539	3.829	2.314	114.600	1	643.900	37.590

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:56:25	0.200	-0.267	0.015	-0.002	0.082	0.153	93.070	89.260	97%
2	01:57:33	-0.308	0.808	0.014	0.052	0.030	0.196	91.860	89.930	96%
3	01:58:41	0.193	-0.249	0.011	0.036	0.043	0.186	92.840	90.440	96%
x		0.028	0.097	0.013	0.029	0.051	0.178	92.590	89.880	97%
σ		0.291	0.616	0.002	0.028	0.027	0.023	0.644	0.594	0%
%RSD		1028.000	631.500	14.690	98.580	52.980	12.690	0.695	0.661	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:56:25	97%	0.012	0.015	0.158	0.144	0.154	96%	1.662
2	01:57:33	96%	0.004	0.014	0.156	0.154	0.151	95%	1.694
3	01:58:41	97%	0.004	0.009	0.159	0.125	0.140	96%	1.653
x		96%	0.007	0.012	0.158	0.141	0.148	96%	1.670
σ		1%	0.005	0.003	0.001	0.015	0.007	0%	0.021
%RSD		1	69.110	23.810	0.829	10.510	4.814	0	1.275

CCV80 11/09/2011 02:03:12 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:04:20	95%	499.100	493.400	0.000	53150.000	52820.000	53520.000	53090.000	10570.000
2	02:05:28	98%	484.700	476.900	0.000	51490.000	51660.000	51900.000	51740.000	10280.000
3	02:06:36	95%	507.400	514.700	0.000	53410.000	53230.000	53620.000	53050.000	10600.000
x		96%	497.100	495.000	0.000	52680.000	52570.000	53010.000	52630.000	10480.000
σ		1%	11.500	18.960	0.000	1042.000	813.200	965.200	769.100	173.700
%RSD		1	2.314	3.830	0.000	1.977	1.547	1.821	1.461	1.657

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:04:20	502.400	10050.000	0.000	0.000	26630.000	50490.000	48710.000	99%	498.800
2	02:05:28	501.400	9754.000	0.000	0.000	25910.000	48800.000	47530.000	101%	488.300
3	02:06:36	513.100	10050.000	0.000	0.000	26750.000	50310.000	48670.000	100%	500.200
x		505.600	9949.000	0.000	0.000	26430.000	49870.000	48300.000	100%	495.800
σ		6.518	168.600	0.000	0.000	452.500	928.000	672.600	1%	6.502
%RSD		1.289	1.694	0.000	0.000	1.712	1.861	1.393	1	1.312

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:04:20	506.100	502.600	13.450	26450.000	1059.000	26400.000	25330.000	505.700	511.800
2	02:05:28	482.700	485.700	16.900	25650.000	1017.000	25490.000	24460.000	488.300	492.000
3	02:06:36	497.100	497.800	13.100	26280.000	1048.000	26220.000	25330.000	502.500	502.100
x		495.300	495.400	14.480	26130.000	1041.000	26030.000	25040.000	498.800	502.000
σ		11.800	8.718	2.101	420.600	21.380	483.600	501.100	9.269	9.938
%RSD		2.383	1.760	14.510	1.610	2.053	1.857	2.001	1.858	1.980

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:04:20	1012.000	1011.000	990.600	500.100	496.300	-1.236	499.500	496.100	0.652
2	02:05:28	987.300	983.100	969.600	481.300	482.700	-0.677	484.200	482.600	0.254
3	02:06:36	1000.000	1001.000	990.300	493.200	487.600	-0.364	487.600	487.300	1.117
x		999.900	998.300	983.500	491.500	488.800	-0.759	490.500	488.700	0.674
σ		12.510	14.060	12.010	9.507	6.888	0.442	8.053	6.867	0.432
%RSD		1.252	1.408	1.221	1.934	1.409	58.170	1.642	1.405	64.040

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:04:20	497.900	500.300	492.100	502.900	495.500	0.002	95%	495.100	501.500
2	02:05:28	488.900	487.800	487.900	484.200	486.300	0.005	97%	484.800	491.700
3	02:06:36	494.600	494.300	492.500	498.000	492.600	0.009	97%	477.700	497.400
x		493.800	494.200	490.800	495.000	491.500	0.005	96%	485.800	496.800
σ		4.554	6.244	2.550	9.725	4.702	0.004	1%	8.753	4.905
%RSD		0.922	1.264	0.519	1.965	0.957	75.320	1	1.802	0.987

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:04:20	12.890	495.400	500.900	497.900	498.600	496.700	2519.000	2419.000	95%
2	02:05:28	13.170	485.100	491.400	489.100	489.100	483.900	2467.000	2364.000	97%
3	02:06:36	18.440	478.000	498.700	498.900	492.900	493.200	2479.000	2419.000	96%
x		14.830	486.100	497.000	495.300	493.500	491.300	2488.000	2401.000	96%
σ		3.128	8.736	4.928	5.385	4.762	6.630	27.260	32.060	1%
%RSD		21.090	1.797	0.992	1.087	0.965	1.350	1.095	1.336	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:04:20	95%	502.300	526.000	503.900	502.300	500.600	93%	526.200
2	02:05:28	97%	488.900	510.600	488.900	492.000	491.200	94%	510.300
3	02:06:36	96%	492.800	523.600	495.700	499.000	496.500	94%	519.400
x		96%	494.600	520.100	496.200	497.800	496.100	94%	518.600
σ		1%	6.881	8.280	7.495	5.292	4.732	1%	7.959
%RSD		1	1.391	1.592	1.510	1.063	0.954	1	1.535

CCB80 11/09/2011 02:11:06 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:12:14	98%	-0.092	7.497	0.000	-13.500	3.506	2.846	3.286	0.310
2	02:13:22	98%	-0.111	7.148	0.000	-14.130	0.989	1.433	0.281	0.001
3	02:14:30	102%	-0.185	7.035	0.000	-26.340	0.039	0.319	-0.128	-0.400
x		99%	-0.130	7.227	0.000	-17.990	1.511	1.532	1.146	-0.030
σ		2%	0.049	0.241	0.000	7.239	1.792	1.266	1.865	0.356
%RSD		2	37.890	3.335	0.000	40.230	118.500	82.640	162.700	1199.000

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:12:14	1.984	2.076	0.000	0.000	40.810	-2.196	3.639	100%	0.046
2	02:13:22	0.061	5.371	0.000	0.000	34.520	0.109	-0.747	101%	0.089
3	02:14:30	0.604	0.951	0.000	0.000	20.910	-5.617	-6.160	102%	0.040
x		0.883	2.799	0.000	0.000	32.080	-2.568	-1.089	101%	0.058
σ		0.992	2.297	0.000	0.000	10.170	2.881	4.908	1%	0.027
%RSD		112.400	82.050	0.000	0.000	31.710	112.200	450.600	1	46.340

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:12:14	-0.181	0.075	9.639	4.729	0.030	-0.682	5.100	0.029	-0.075
2	02:13:22	-0.329	0.018	9.530	1.933	-0.004	-1.684	8.755	0.002	-0.044
3	02:14:30	0.145	0.040	8.014	4.576	-0.009	-3.272	6.552	0.007	0.113
x		-0.121	0.044	9.061	3.746	0.005	-1.879	6.802	0.013	-0.002
σ		0.243	0.029	0.908	1.572	0.022	1.306	1.840	0.014	0.101
%RSD		199.800	65.010	10.020	41.960	392.400	69.490	27.050	112.000	5588.000

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:12:14	-0.002	0.005	-0.009	0.015	0.090	0.077	1.608	0.090	0.201
2	02:13:22	-0.013	-0.008	0.085	-0.040	-0.144	0.075	0.917	-0.143	0.833
3	02:14:30	-0.056	-0.092	0.068	0.145	-0.278	0.049	0.726	-0.277	1.395
x		-0.024	-0.032	0.048	0.040	-0.110	0.067	1.083	-0.110	0.810
σ		0.029	0.052	0.050	0.095	0.186	0.016	0.464	0.186	0.597
%RSD		119.800	164.100	105.100	238.000	168.600	23.640	42.810	168.600	73.790

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:12:14	1.048	1.087	1.086	1.182	1.019	0.003	100%	-0.588	0.038
2	02:13:22	0.699	0.745	0.730	0.783	0.735	0.000	99%	0.179	0.019
3	02:14:30	0.647	0.443	0.475	0.484	0.480	0.002	100%	-0.093	0.022
x		0.798	0.759	0.764	0.816	0.745	0.002	100%	-0.168	0.026
σ		0.218	0.322	0.307	0.350	0.270	0.002	1%	0.389	0.010
%RSD		27.370	42.470	40.150	42.930	36.210	99.960	1	232.000	39.570

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:12:14	0.275	-0.581	0.036	0.012	0.356	0.843	0.185	0.138	97%
2	02:13:22	-0.063	0.185	0.018	0.033	0.242	0.574	0.022	0.052	96%
3	02:14:30	0.043	-0.090	0.007	-0.002	0.198	0.425	0.009	0.013	99%
x		0.085	-0.162	0.020	0.014	0.265	0.614	0.072	0.068	97%
σ		0.173	0.388	0.015	0.018	0.081	0.212	0.098	0.064	1%
%RSD		203.800	239.600	73.390	122.900	30.710	34.550	136.000	94.770	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:12:14	96%	0.034	0.045	0.049	0.037	0.042	97%	0.049
2	02:13:22	96%	0.022	0.022	0.009	0.008	0.012	97%	0.025
3	02:14:30	97%	0.011	0.009	0.008	0.017	0.015	97%	0.011
x		96%	0.022	0.025	0.022	0.021	0.023	97%	0.028
σ		1%	0.012	0.018	0.024	0.015	0.017	0%	0.019
%RSD		1	53.480	72.450	107.600	72.220	72.150	0	67.940

C4369-09 MH3107 11/09/2011 02:18:59 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:20:07	101%	-0.163	38.510	0.000	7619.000	8297.000	7946.000	7946.000	16.780
2	02:21:16	98%	-0.161	32.550	0.000	7867.000	8566.000	8113.000	8148.000	18.180
3	02:22:24	99%	-0.204	31.560	0.000	7769.000	8332.000	7918.000	8017.000	17.200
x		100%	-0.176	34.210	0.000	7751.000	8398.000	7992.000	8037.000	17.390
σ		1%	0.024	3.763	0.000	124.900	146.600	105.300	102.400	0.716
%RSD		1	13.550	11.000	0.000	1.611	1.746	1.317	1.274	4.118

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:20:07	5444.000	7.747	0.000	0.000	1838.000	29550.000	28610.000	102%	0.812
2	02:21:16	5548.000	12.720	0.000	0.000	1846.000	30350.000	29370.000	103%	0.823
3	02:22:24	5431.000	4.447	0.000	0.000	1810.000	29190.000	28290.000	104%	0.628
x		5474.000	8.303	0.000	0.000	1831.000	29700.000	28760.000	103%	0.754
σ		63.770	4.162	0.000	0.000	18.830	594.000	557.700	1%	0.110
%RSD		1.165	50.130	0.000	0.000	1.028	2.000	1.939	1	14.540

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:20:07	0.593	0.351	7.239	35.620	12.160	45.030	121.600	0.957	0.689
2	02:21:16	0.739	0.354	7.002	36.270	12.300	47.470	126.500	0.931	0.550
3	02:22:24	0.599	0.327	6.543	32.050	12.140	45.230	119.900	1.029	0.594
x		0.644	0.344	6.928	34.650	12.200	45.910	122.700	0.972	0.611
σ		0.083	0.015	0.354	2.268	0.091	1.355	3.441	0.051	0.071
%RSD		12.850	4.268	5.109	6.546	0.746	2.952	2.804	5.221	11.590

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:20:07	1.738	1.717	12.570	2.439	-0.260	0.067	0.904	-0.259	1.913
2	02:21:16	1.832	1.738	12.980	2.392	-0.375	0.072	1.617	-0.375	2.112
3	02:22:24	1.760	1.838	12.460	2.446	-0.046	0.045	0.065	-0.046	0.558
x		1.777	1.765	12.670	2.426	-0.227	0.061	0.862	-0.227	1.528
σ		0.049	0.065	0.275	0.029	0.167	0.014	0.777	0.167	0.846
%RSD		2.767	3.679	2.173	1.207	73.430	23.600	90.080	73.500	55.360

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:20:07	1.289	1.082	1.155	1.084	1.074	0.005	99%	-0.862	0.042
2	02:21:16	1.540	0.997	1.139	1.081	1.141	0.002	99%	-0.118	0.066
3	02:22:24	1.396	0.970	1.009	1.058	1.065	0.001	102%	-0.052	0.061
x		1.408	1.016	1.101	1.074	1.094	0.003	100%	-0.344	0.056
σ		0.126	0.059	0.080	0.014	0.042	0.002	2%	0.450	0.013
%RSD		8.917	5.760	7.236	1.337	3.807	70.160	2	130.700	22.790

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:20:07	0.456	-0.861	0.052	0.036	0.139	0.380	91.910	88.470	98%
2	02:21:16	0.127	-0.115	0.052	0.107	0.137	0.414	92.090	88.610	98%
3	02:22:24	0.071	-0.049	0.056	0.088	0.159	0.359	91.180	86.720	100%
x		0.218	-0.341	0.053	0.077	0.145	0.385	91.720	87.930	99%
σ		0.208	0.451	0.002	0.037	0.012	0.028	0.484	1.049	1%
%RSD		95.380	132.000	4.531	48.210	8.198	7.180	0.527	1.193	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:20:07	98%	0.070	0.075	0.304	0.262	0.290	97%	1.559
2	02:21:16	98%	0.109	0.104	0.353	0.316	0.331	97%	1.607
3	02:22:24	100%	0.090	0.091	0.301	0.299	0.288	100%	1.569
x		99%	0.090	0.090	0.319	0.293	0.303	98%	1.578
σ		1%	0.019	0.015	0.029	0.028	0.024	1%	0.025
%RSD		1	21.330	16.080	9.201	9.472	8.011	2	1.593

C4369-10 MH3108 11/09/2011 02:26:54 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:28:02	100%	-0.213	35.170	0.000	8687.000	8346.000	7907.000	7972.000	17.470
2	02:29:10	101%	-0.190	34.910	0.000	8742.000	8330.000	7954.000	8041.000	16.990
3	02:30:18	100%	-0.185	34.230	0.000	8810.000	8455.000	8021.000	8118.000	16.660
x		100%	-0.196	34.770	0.000	8747.000	8377.000	7961.000	8044.000	17.040
σ		1%	0.015	0.485	0.000	61.640	68.060	57.590	73.080	0.410
%RSD		1	7.439	1.396	0.000	0.705	0.812	0.724	0.909	2.408

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:28:02	5373.000	3.225	0.000	0.000	1802.000	28730.000	28130.000	104%	0.510
2	02:29:10	5446.000	-0.943	0.000	0.000	1823.000	28980.000	28400.000	104%	0.693
3	02:30:18	5511.000	0.431	0.000	0.000	1812.000	29010.000	28480.000	104%	0.689
x		5443.000	0.904	0.000	0.000	1812.000	28910.000	28340.000	104%	0.631
σ		69.210	2.124	0.000	0.000	10.260	149.500	185.300	0%	0.105
%RSD		1.272	234.800	0.000	0.000	0.566	0.517	0.654	0	16.570

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:28:02	0.922	0.271	5.497	22.300	18.170	29.930	104.100	1.103	0.477
2	02:29:10	0.469	0.268	5.915	21.340	18.380	30.660	112.100	1.041	0.585
3	02:30:18	0.206	0.263	5.815	23.910	18.130	31.120	108.000	1.092	0.471
x		0.533	0.267	5.742	22.520	18.230	30.570	108.100	1.079	0.511
σ		0.362	0.004	0.218	1.300	0.137	0.600	4.018	0.033	0.064
%RSD		68.020	1.653	3.797	5.772	0.749	1.964	3.718	3.058	12.530

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:28:02	1.681	1.734	5.270	2.341	-0.218	0.071	2.099	-0.218	1.845
2	02:29:10	1.794	1.928	5.498	2.516	0.069	0.047	0.507	0.069	-0.322
3	02:30:18	1.740	1.759	5.464	2.585	-0.199	0.030	1.196	-0.198	-0.258
x		1.738	1.807	5.411	2.481	-0.116	0.049	1.267	-0.116	0.422
σ		0.056	0.105	0.123	0.126	0.161	0.020	0.798	0.160	1.233
%RSD		3.250	5.832	2.272	5.063	138.400	41.580	62.980	138.700	292.400

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:28:02	1.232	0.900	0.955	0.990	0.852	0.002	101%	-0.433	0.012
2	02:29:10	1.272	0.889	0.925	1.024	0.944	0.000	100%	-0.649	0.008
3	02:30:18	1.230	0.907	0.934	0.984	0.864	0.000	101%	0.057	0.020
x		1.244	0.898	0.938	0.999	0.887	0.001	100%	-0.342	0.014
σ		0.024	0.009	0.015	0.022	0.050	0.001	0%	0.362	0.006
%RSD		1.920	1.015	1.619	2.193	5.654	173.200	0	105.900	43.860

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:28:02	0.203	-0.429	0.016	0.032	0.073	0.261	90.160	85.780	99%
2	02:29:10	0.355	-0.649	0.012	-0.003	0.048	0.286	91.580	86.740	99%
3	02:30:18	0.116	0.060	0.007	0.016	0.059	0.268	89.040	86.430	100%
x		0.225	-0.340	0.012	0.015	0.060	0.272	90.260	86.320	99%
σ		0.121	0.363	0.005	0.018	0.013	0.013	1.277	0.488	0%
%RSD		53.860	106.800	41.040	120.500	21.100	4.698	1.414	0.566	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:28:02	99%	0.021	0.020	0.174	0.169	0.169	98%	1.547
2	02:29:10	99%	0.013	0.010	0.201	0.154	0.173	98%	1.547
3	02:30:18	100%	0.010	0.017	0.191	0.170	0.169	99%	1.554
x		99%	0.014	0.016	0.189	0.164	0.170	98%	1.549
σ		1%	0.006	0.005	0.014	0.009	0.002	0%	0.004
%RSD		1	39.920	31.540	7.270	5.224	1.319	0	0.242

C4369-11 MH3108D 11/09/2011 02:34:49 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:35:57	99%	-0.184	38.790	0.000	8859.000	8477.000	8058.000	8103.000	13.820
2	02:37:05	98%	-0.192	38.090	0.000	9043.000	8669.000	8218.000	8298.000	13.930
3	02:38:13	101%	-0.201	34.570	0.000	8823.000	8463.000	8076.000	8141.000	13.800
x		99%	-0.192	37.150	0.000	8908.000	8536.000	8118.000	8181.000	13.850
σ		1%	0.008	2.263	0.000	117.700	114.800	87.750	103.000	0.065
%RSD		1	4.381	6.090	0.000	1.322	1.345	1.081	1.259	0.472

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:35:57	5506.000	-1.678	0.000	0.000	1857.000	29500.000	28560.000	103%	0.474
2	02:37:05	5660.000	2.302	0.000	0.000	1894.000	29820.000	29050.000	102%	0.572
3	02:38:13	5535.000	-2.191	0.000	0.000	1835.000	29280.000	28670.000	103%	0.472
x		5567.000	-0.522	0.000	0.000	1862.000	29530.000	28760.000	103%	0.506
σ		81.630	2.459	0.000	0.000	29.900	271.000	259.100	1%	0.057
%RSD		1.466	470.900	0.000	0.000	1.606	0.918	0.901	1	11.280

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:35:57	0.563	0.175	4.861	19.380	18.600	26.770	94.600	1.059	0.464
2	02:37:05	0.799	0.184	4.428	20.820	18.770	28.800	102.000	1.054	0.549
3	02:38:13	0.572	0.187	4.642	19.020	18.570	27.340	96.460	1.126	0.432
x		0.645	0.182	4.644	19.740	18.650	27.640	97.690	1.079	0.482
σ		0.134	0.006	0.217	0.954	0.109	1.050	3.852	0.040	0.061
%RSD		20.760	3.556	4.671	4.830	0.584	3.799	3.943	3.749	12.610

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:35:57	1.733	1.493	5.138	2.281	-0.200	0.073	1.673	-0.199	0.463
2	02:37:05	1.706	1.446	5.109	2.623	0.205	0.032	1.415	0.204	0.040
3	02:38:13	1.563	1.513	5.050	2.535	-0.200	0.049	1.381	-0.200	0.840
x		1.668	1.484	5.099	2.480	-0.065	0.051	1.490	-0.065	0.448
σ		0.092	0.034	0.045	0.178	0.234	0.021	0.160	0.233	0.400
%RSD		5.492	2.317	0.883	7.169	358.700	40.410	10.720	358.900	89.310

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:35:57	1.146	0.918	0.927	0.936	0.955	0.002	100%	0.190	0.018
2	02:37:05	1.080	0.856	0.857	0.996	0.916	0.000	100%	-0.034	0.007
3	02:38:13	1.180	0.987	0.975	0.958	0.894	0.003	99%	0.577	0.010
x		1.135	0.921	0.920	0.963	0.922	0.002	100%	0.245	0.012
σ		0.051	0.066	0.059	0.031	0.031	0.002	0%	0.309	0.006
%RSD		4.505	7.128	6.434	3.187	3.372	100.300	0	126.500	48.940

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:35:57	-0.019	0.193	0.025	0.017	0.061	0.227	90.230	87.680	99%
2	02:37:05	0.014	-0.030	0.010	0.017	0.059	0.276	91.250	88.100	98%
3	02:38:13	-0.225	0.578	0.023	0.046	0.042	0.250	90.250	88.380	99%
x		-0.077	0.247	0.019	0.027	0.054	0.251	90.580	88.050	99%
σ		0.129	0.308	0.008	0.017	0.011	0.025	0.581	0.353	0%
%RSD		168.900	124.300	42.640	61.620	19.490	9.926	0.642	0.401	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:35:57	98%	0.013	0.011	0.123	0.118	0.119	98%	1.548
2	02:37:05	98%	0.009	0.004	0.129	0.106	0.121	97%	1.576
3	02:38:13	99%	0.016	0.012	0.120	0.125	0.118	98%	1.545
x		98%	0.013	0.009	0.124	0.116	0.120	98%	1.556
σ		0%	0.004	0.004	0.005	0.010	0.002	0%	0.017
%RSD		0	29.160	49.270	3.741	8.347	1.302	0	1.089

C4369-10LX5 MH3108L 11/09/2011 02:50:40 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:51:48	96%	-0.173	7.170	0.000	1803.000	1594.000	1607.000	1623.000	3.555
2	02:52:56	97%	-0.203	7.691	0.000	1781.000	1581.000	1598.000	1595.000	3.416
3	02:54:05	95%	-0.230	9.543	0.000	1828.000	1643.000	1651.000	1662.000	3.274
x		96%	-0.202	8.135	0.000	1804.000	1606.000	1618.000	1627.000	3.415
σ		1%	0.029	1.247	0.000	23.570	32.420	28.430	33.780	0.141
%RSD		1	14.150	15.330	0.000	1.307	2.019	1.756	2.077	4.116

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:51:48	1088.000	-1.187	0.000	0.000	371.900	5875.000	5714.000	100%	0.109
2	02:52:56	1076.000	1.231	0.000	0.000	367.200	5874.000	5646.000	100%	-0.031
3	02:54:05	1094.000	3.423	0.000	0.000	384.900	5920.000	5833.000	99%	0.035
x		1086.000	1.156	0.000	0.000	374.700	5889.000	5731.000	100%	0.038
σ		9.153	2.306	0.000	0.000	9.173	26.120	94.400	1%	0.070
%RSD		0.843	199.500	0.000	0.000	2.448	0.444	1.647	1	186.500

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:51:48	0.075	0.132	10.900	6.960	3.754	7.073	22.780	0.209	0.144
2	02:52:56	-0.285	0.158	10.150	6.429	3.711	7.589	20.410	0.238	0.172
3	02:54:05	0.595	0.176	8.389	7.208	3.736	8.651	19.890	0.208	0.113
x		0.128	0.155	9.814	6.866	3.734	7.771	21.030	0.219	0.143
σ		0.443	0.022	1.290	0.398	0.022	0.805	1.544	0.017	0.030
%RSD		345.000	14.340	13.150	5.796	0.578	10.360	7.341	7.890	20.890

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:51:48	0.324	0.395	1.294	0.528	-0.026	0.082	0.419	-0.026	0.482
2	02:52:56	0.272	0.286	1.101	0.395	0.032	0.084	1.082	0.032	1.525
3	02:54:05	0.357	0.351	1.152	0.408	-0.065	0.091	0.972	-0.065	-0.509
x		0.317	0.344	1.182	0.443	-0.020	0.086	0.824	-0.019	0.499
σ		0.043	0.055	0.100	0.073	0.049	0.005	0.355	0.049	1.017
%RSD		13.550	15.930	8.451	16.530	250.300	5.522	43.100	251.700	203.700

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:51:48	0.236	0.162	0.169	0.135	0.199	0.005	98%	0.129	0.002
2	02:52:56	0.189	0.156	0.143	0.178	0.155	0.005	99%	0.333	0.004
3	02:54:05	0.264	0.155	0.151	0.182	0.155	0.000	97%	-0.155	-0.004
x		0.230	0.158	0.154	0.165	0.170	0.003	98%	0.102	0.001
σ		0.038	0.003	0.013	0.026	0.025	0.003	1%	0.245	0.004
%RSD		16.580	2.210	8.497	15.820	14.900	86.610	1	240.000	677.900

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:51:48	-0.012	0.130	0.000	0.004	0.002	0.065	18.370	17.390	97%
2	02:52:56	-0.135	0.336	0.000	0.027	0.011	0.071	18.070	17.080	98%
3	02:54:05	0.072	-0.153	0.001	-0.009	0.029	0.084	18.700	17.550	96%
x		-0.025	0.104	0.001	0.007	0.014	0.073	18.380	17.340	97%
σ		0.104	0.246	0.001	0.018	0.014	0.009	0.316	0.239	1%
%RSD		420.200	235.100	82.170	245.800	97.900	12.930	1.718	1.375	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:51:48	97%	0.153	0.140	0.038	0.030	0.033	97%	0.299
2	02:52:56	97%	0.091	0.097	0.043	0.039	0.035	97%	0.323
3	02:54:05	97%	0.068	0.077	0.037	0.032	0.038	98%	0.308
x		97%	0.104	0.104	0.039	0.034	0.035	97%	0.310
σ		0%	0.044	0.032	0.003	0.004	0.002	1%	0.012
%RSD		0	42.330	30.620	8.194	12.980	6.725	1	3.827

C4369-13 MH3109 11/09/2011 02:58:36 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:59:44	98%	-0.186	43.700	0.000	11020.000	19020.000	18220.000	19160.000	6.982
2	03:00:52	100%	-0.192	44.170	0.000	10850.000	18670.000	17690.000	18600.000	7.056
3	03:02:00	100%	-0.193	43.580	0.000	11000.000	18860.000	18070.000	18990.000	7.167
x		99%	-0.190	43.820	0.000	10960.000	18850.000	17990.000	18920.000	7.068
σ		1%	0.004	0.312	0.000	96.500	178.700	271.000	286.600	0.094
%RSD		1	2.089	0.711	0.000	0.881	0.948	1.506	1.515	1.323

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:59:44	8855.000	63.430	0.000	0.000	5225.000	51780.000	50200.000	102%	0.539
2	03:00:52	8592.000	60.170	0.000	0.000	5098.000	50210.000	49010.000	105%	0.759
3	03:02:00	8830.000	65.980	0.000	0.000	5191.000	51670.000	54330.000	104%	0.560
x		8759.000	63.190	0.000	0.000	5171.000	51220.000	51180.000	104%	0.619
σ		145.200	2.912	0.000	0.000	65.640	877.500	2791.000	1%	0.122
%RSD		1.658	4.608	0.000	0.000	1.269	1.713	5.452	1	19.630

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:59:44	0.740	0.405	6.887	14.460	1.060	22.510	142.400	0.412	0.623
2	03:00:52	0.956	0.429	6.196	12.750	1.129	21.150	142.400	0.423	0.584
3	03:02:00	1.037	0.467	5.668	14.400	1.032	22.430	153.900	0.400	0.606
x		0.911	0.434	6.250	13.870	1.074	22.030	146.200	0.412	0.605
σ		0.154	0.032	0.611	0.969	0.050	0.764	6.653	0.012	0.020
%RSD		16.880	7.285	9.779	6.990	4.634	3.468	4.550	2.819	3.276

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:59:44	1.726	2.046	5.644	1.771	-0.201	0.047	1.721	-0.200	1.094
2	03:00:52	1.855	1.907	5.605	1.566	0.106	0.079	0.448	0.106	0.405
3	03:02:00	1.852	1.842	6.054	1.586	0.126	0.061	0.865	0.126	-0.153
x		1.811	1.932	5.768	1.641	0.010	0.062	1.011	0.010	0.449
σ		0.074	0.104	0.249	0.113	0.183	0.016	0.649	0.183	0.624
%RSD		4.063	5.373	4.310	6.868	1786.000	25.990	64.160	1746.000	139.100

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:59:44	0.355	0.291	0.310	0.290	0.282	0.003	99%	-0.469	1.050
2	03:00:52	0.396	0.280	0.308	0.331	0.287	0.000	100%	-0.236	0.985
3	03:02:00	0.369	0.307	0.282	0.352	0.304	0.000	101%	-0.081	0.995
x		0.373	0.293	0.300	0.324	0.291	0.001	100%	-0.262	1.010
σ		0.021	0.014	0.015	0.031	0.012	0.002	1%	0.196	0.035
%RSD		5.615	4.718	5.140	9.679	4.011	173.200	1	74.680	3.458

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:59:44	0.221	-0.468	1.020	-0.012	0.024	0.186	313.100	299.700	98%
2	03:00:52	0.184	-0.238	1.032	0.008	0.010	0.178	304.400	294.500	101%
3	03:02:00	0.061	-0.079	1.020	0.012	0.003	0.206	304.900	298.200	100%
x		0.156	-0.261	1.024	0.003	0.012	0.190	307.500	297.500	100%
σ		0.084	0.196	0.007	0.013	0.011	0.015	4.900	2.680	1%
%RSD		53.900	74.890	0.684	458.700	88.130	7.695	1.593	0.901	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:59:44	98%	0.050	0.055	0.160	0.153	0.163	98%	2.719
2	03:00:52	100%	0.041	0.039	0.172	0.138	0.153	100%	2.675
3	03:02:00	100%	0.038	0.031	0.172	0.167	0.161	99%	2.692
x		99%	0.043	0.042	0.168	0.153	0.159	99%	2.695
σ		1%	0.006	0.012	0.007	0.014	0.006	1%	0.022
%RSD		1	14.790	28.510	3.933	9.270	3.534	1	0.818

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:07:40	101%	-0.261	44.290	0.000	11640.000	20670.000	19520.000	20700.000	2.760
2	03:08:49	103%	-0.303	47.310	0.000	11360.000	20240.000	19320.000	20420.000	2.558
3	03:09:57	103%	-0.247	47.560	0.000	11340.000	20140.000	19150.000	20340.000	2.233
x		102%	-0.270	46.390	0.000	11450.000	20350.000	19330.000	20490.000	2.517
σ		1%	0.029	1.817	0.000	166.400	284.200	185.100	189.100	0.265
%RSD		1	10.840	3.918	0.000	1.454	1.396	0.958	0.923	10.540

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:07:40	9113.000	9.643	0.000	0.000	2553.000	60730.000	64140.000	104%	0.749
2	03:08:49	9035.000	11.640	0.000	0.000	2488.000	59700.000	62510.000	106%	0.556
3	03:09:57	8950.000	7.705	0.000	0.000	2480.000	58520.000	62110.000	107%	0.594
x		9032.000	9.664	0.000	0.000	2507.000	59650.000	62920.000	106%	0.633
σ		81.500	1.969	0.000	0.000	40.070	1105.000	1078.000	1%	0.102
%RSD		0.902	20.380	0.000	0.000	1.598	1.852	1.713	1	16.160

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:07:40	0.791	0.677	4.495	0.646	4.977	6.371	155.200	0.286	0.632
2	03:08:49	0.907	0.714	4.218	0.464	4.838	5.359	148.200	0.271	0.561
3	03:09:57	0.881	0.651	3.967	-1.640	4.901	5.681	151.600	0.287	0.648
x		0.860	0.680	4.227	-0.177	4.905	5.804	151.700	0.281	0.614
σ		0.061	0.032	0.264	1.270	0.070	0.517	3.524	0.009	0.046
%RSD		7.054	4.646	6.240	718.700	1.427	8.902	2.324	3.245	7.494

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:07:40	0.513	0.554	14.980	0.915	-0.257	0.059	2.079	-0.256	0.222
2	03:08:49	0.495	0.423	13.970	1.090	-0.103	0.022	1.701	-0.103	0.042
3	03:09:57	0.452	0.559	14.250	0.781	-0.326	0.065	0.013	-0.325	0.075
x		0.486	0.512	14.400	0.929	-0.228	0.049	1.264	-0.228	0.113
σ		0.031	0.077	0.521	0.155	0.114	0.023	1.100	0.114	0.096
%RSD		6.426	15.040	3.615	16.700	49.940	48.280	87.010	49.980	84.450

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:07:40	0.487	0.380	0.405	0.359	0.405	0.002	100%	0.239	0.002
2	03:08:49	0.404	0.452	0.406	0.460	0.448	0.000	102%	-0.122	0.007
3	03:09:57	0.539	0.406	0.400	0.328	0.362	0.001	103%	0.106	0.008
x		0.477	0.413	0.404	0.382	0.405	0.001	102%	0.074	0.006
σ		0.068	0.037	0.004	0.069	0.043	0.001	2%	0.182	0.003
%RSD		14.340	8.921	0.899	18.080	10.540	86.640	2	245.800	55.580

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:07:40	-0.064	0.238	0.010	0.019	0.265	0.140	290.900	280.400	100%
2	03:08:49	0.080	-0.119	0.004	0.003	0.258	0.110	284.400	278.000	101%
3	03:09:57	-0.051	0.107	0.006	0.014	0.234	0.119	283.300	270.800	103%
x		-0.012	0.075	0.007	0.012	0.252	0.123	286.200	276.400	101%
σ		0.080	0.181	0.003	0.008	0.016	0.016	4.109	5.018	1%
%RSD		681.800	239.800	42.740	66.890	6.379	12.750	1.436	1.816	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:07:40	99%	0.019	0.031	0.335	0.334	0.340	99%	2.321
2	03:08:49	101%	0.011	0.020	0.333	0.303	0.309	100%	2.275
3	03:09:57	102%	0.012	0.013	0.332	0.304	0.313	102%	2.220
x		101%	0.014	0.021	0.333	0.314	0.321	100%	2.272
σ		2%	0.004	0.009	0.002	0.018	0.016	2%	0.050
%RSD		2	30.000	42.070	0.567	5.604	5.103	2	2.214

C4369-20 MH3135 11/09/2011 03:14:29 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:15:37	102%	-0.250	33.160	0.000	156300.000	54290.000	54280.000	53750.000	7.637
2	03:16:45	102%	-0.263	41.800	0.000	157300.000	55000.000	54710.000	54260.000	6.694
3	03:17:53	104%	-0.254	37.630	0.000	158300.000	55320.000	55110.000	54960.000	6.215
x		102%	-0.255	37.530	0.000	157300.000	54870.000	54700.000	54320.000	6.849
σ		1%	0.007	4.321	0.000	1029.000	525.500	415.200	605.900	0.724
%RSD		1	2.605	11.510	0.000	0.654	0.958	0.759	1.115	10.570

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:15:37	11170.000	45.450	0.000	0.000	3963.000	139400.000	144700.000	105%	0.842
2	03:16:45	11260.000	45.410	0.000	0.000	3951.000	138000.000	144100.000	106%	1.097
3	03:17:53	11380.000	44.040	0.000	0.000	4001.000	139200.000	146800.000	107%	0.726
x		11270.000	44.970	0.000	0.000	3972.000	138900.000	145200.000	106%	0.888
σ		104.000	0.802	0.000	0.000	25.910	736.200	1391.000	1%	0.190
%RSD		0.923	1.784	0.000	0.000	0.653	0.530	0.958	1	21.370

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:15:37	1.702	2.068	7.051	27.690	7.615	34.560	365.500	0.381	2.462
2	03:16:45	1.452	1.942	7.671	28.600	7.521	34.060	356.900	0.375	2.738
3	03:17:53	1.390	1.986	7.599	25.760	7.532	34.370	362.600	0.374	2.623
x		1.515	1.999	7.440	27.350	7.556	34.330	361.700	0.377	2.608
σ		0.165	0.064	0.339	1.453	0.051	0.253	4.383	0.004	0.138
%RSD		10.910	3.196	4.557	5.313	0.679	0.736	1.212	1.052	5.306

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:15:37	1.363	1.263	20.080	1.993	0.030	0.056	1.273	0.030	1.174
2	03:16:45	1.342	1.319	19.890	2.208	-0.198	0.032	1.212	-0.198	2.895
3	03:17:53	1.383	1.271	20.720	2.086	0.217	0.050	0.908	0.218	0.762
x		1.363	1.285	20.230	2.095	0.016	0.046	1.131	0.017	1.610
σ		0.020	0.030	0.433	0.108	0.208	0.013	0.195	0.208	1.131
%RSD		1.484	2.337	2.138	5.132	1281.000	27.860	17.280	1254.000	70.250

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:15:37	0.366	0.241	0.282	0.256	0.264	0.002	100%	0.135	0.001
2	03:16:45	0.406	0.223	0.274	0.236	0.247	0.000	101%	0.298	0.004
3	03:17:53	0.388	0.266	0.262	0.195	0.233	0.002	101%	0.656	0.000
x		0.387	0.243	0.272	0.229	0.248	0.001	101%	0.363	0.002
σ		0.020	0.021	0.010	0.031	0.016	0.001	0%	0.267	0.002
%RSD		5.196	8.686	3.671	13.690	6.252	86.600	0	73.350	101.800

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:15:37	-0.014	0.130	0.003	0.036	0.057	0.099	162.400	156.600	103%
2	03:16:45	-0.140	0.295	0.007	0.033	0.103	0.114	164.300	158.500	102%
3	03:17:53	-0.237	0.654	0.003	0.066	0.070	0.085	165.600	162.600	102%
x		-0.130	0.360	0.004	0.045	0.077	0.099	164.100	159.300	102%
σ		0.112	0.268	0.002	0.018	0.024	0.015	1.626	3.058	0%
%RSD		86.200	74.400	58.050	41.040	30.770	14.820	0.991	1.920	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:15:37	103%	0.051	0.047	0.323	0.263	0.287	100%	11.030
2	03:16:45	102%	0.034	0.033	0.314	0.277	0.296	99%	11.210
3	03:17:53	102%	0.030	0.029	0.295	0.259	0.279	99%	11.330
x		102%	0.038	0.036	0.311	0.266	0.288	99%	11.190
σ		0%	0.011	0.009	0.014	0.009	0.009	0%	0.150
%RSD		0	29.490	25.500	4.634	3.511	3.018	0	1.339

C4369-13X25 MH3109 11/09/2011 03:22:26 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:23:34	104%	-0.223	2.433	0.000	397.900	728.300	738.100	731.100	0.459
2	03:24:42	102%	-0.224	2.510	0.000	404.900	735.600	737.800	737.200	0.322
3	03:25:50	106%	-0.204	2.681	0.000	378.000	694.300	707.700	699.200	0.291
x		104%	-0.217	2.541	0.000	393.600	719.400	727.900	722.500	0.357
σ		2%	0.011	0.127	0.000	13.950	22.060	17.440	20.410	0.090
%RSD		2	5.118	5.007	0.000	3.544	3.066	2.396	2.825	25.060

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:23:34	353.200	3.601	0.000	0.000	227.500	2190.000	2003.000	106%	-0.014
2	03:24:42	354.800	2.980	0.000	0.000	226.900	2104.000	2003.000	107%	-0.059
3	03:25:50	344.300	0.213	0.000	0.000	210.100	2053.000	1939.000	108%	-0.176
x		350.800	2.265	0.000	0.000	221.500	2116.000	1982.000	107%	-0.083
σ		5.629	1.804	0.000	0.000	9.874	68.850	36.800	1%	0.084
%RSD		1.605	79.650	0.000	0.000	4.458	3.254	1.857	1	100.700

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:23:34	-0.019	0.114	3.593	8.767	0.069	4.674	6.145	0.013	0.076
2	03:24:42	-0.520	0.113	4.173	6.072	0.059	1.558	9.604	0.008	0.082
3	03:25:50	0.060	0.093	3.231	5.556	0.051	1.715	7.145	0.014	0.119
x		-0.160	0.107	3.666	6.799	0.060	2.649	7.631	0.012	0.092
σ		0.314	0.012	0.475	1.725	0.009	1.755	1.780	0.004	0.023
%RSD		196.800	11.240	12.960	25.370	15.370	66.260	23.320	30.640	25.090

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:23:34	-0.007	0.033	0.433	-0.178	-0.065	0.064	1.613	-0.065	0.808
2	03:24:42	-0.008	-0.005	0.457	0.041	0.009	0.026	1.664	0.009	0.554
3	03:25:50	-0.029	-0.075	0.351	-0.134	-0.157	0.056	1.588	-0.156	0.437
x		-0.015	-0.016	0.413	-0.090	-0.071	0.049	1.622	-0.071	0.600
σ		0.012	0.055	0.056	0.116	0.083	0.020	0.039	0.083	0.190
%RSD		84.110	350.500	13.450	128.900	116.200	40.560	2.376	116.500	31.640

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:23:34	0.027	-0.012	-0.021	0.014	-0.019	0.003	104%	-0.007	0.036
2	03:24:42	0.035	-0.008	-0.017	-0.018	-0.018	0.000	104%	0.612	0.044
3	03:25:50	0.021	0.001	-0.009	-0.019	-0.019	0.000	106%	-0.500	0.033
x		0.028	-0.006	-0.016	-0.008	-0.019	0.001	105%	0.035	0.038
σ		0.007	0.006	0.006	0.019	0.001	0.002	1%	0.557	0.006
%RSD		24.750	104.900	38.360	249.600	3.284	173.200	1	1583.000	15.260

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:23:34	0.000	-0.001	0.037	-0.001	0.007	-0.001	12.790	11.560	101%
2	03:24:42	-0.270	0.620	0.037	0.032	-0.012	0.020	11.820	11.740	101%
3	03:25:50	0.280	-0.494	0.036	-0.031	-0.005	0.009	11.670	11.520	103%
x		0.003	0.042	0.037	-0.000	-0.003	0.009	12.090	11.610	102%
σ		0.275	0.559	0.001	0.031	0.010	0.011	0.609	0.122	1%
%RSD		8471.000	1338.000	1.993	109700.000	287.100	113.000	5.033	1.047	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:23:34	101%	0.003	0.010	0.016	0.005	0.006	101%	0.106
2	03:24:42	101%	0.001	0.008	0.007	-0.003	0.003	101%	0.103
3	03:25:50	102%	0.004	0.009	0.008	0.005	0.006	102%	0.106
x		101%	0.003	0.009	0.010	0.002	0.005	101%	0.105
σ		1%	0.001	0.001	0.005	0.004	0.002	0%	0.002
%RSD		1	43.760	12.230	48.800	184.100	30.880	0	1.701

C4369-14X25 MH3110 11/09/2011 03:30:23 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:31:31	103%	-0.258	2.139	0.000	426.400	781.400	773.100	782.600	0.307
2	03:32:39	103%	-0.259	2.008	0.000	424.200	783.800	784.900	788.800	0.092
3	03:33:47	103%	-0.234	1.312	0.000	424.300	781.500	787.100	787.600	0.250
x		103%	-0.250	1.820	0.000	425.000	782.200	781.700	786.400	0.216
σ		0%	0.014	0.444	0.000	1.241	1.362	7.501	3.287	0.112
%RSD		0	5.567	24.420	0.000	0.292	0.174	0.960	0.418	51.500

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:31:31	357.500	-0.240	0.000	0.000	121.400	2394.000	2283.000	105%	-0.085
2	03:32:39	366.400	1.585	0.000	0.000	122.700	2333.000	2340.000	105%	0.004
3	03:33:47	358.100	-0.899	0.000	0.000	123.100	2414.000	2347.000	105%	-0.026
x		360.700	0.149	0.000	0.000	122.400	2381.000	2323.000	105%	-0.036
σ		5.001	1.287	0.000	0.000	0.899	42.250	35.300	0%	0.045
%RSD		1.387	865.300	0.000	0.000	0.735	1.775	1.519	0	125.500

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:31:31	0.007	0.089	2.847	6.643	0.212	2.735	6.995	0.008	0.028
2	03:32:39	0.212	0.062	2.426	5.355	0.237	3.398	7.711	0.007	0.067
3	03:33:47	0.141	0.129	2.456	5.567	0.203	3.696	8.611	0.009	-0.006
x		0.120	0.093	2.576	5.855	0.217	3.276	7.773	0.008	0.030
σ		0.104	0.034	0.235	0.691	0.018	0.492	0.810	0.001	0.036
%RSD		86.590	35.950	9.115	11.800	8.295	15.020	10.420	10.460	122.300

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:31:31	-0.025	0.008	0.725	0.047	-0.177	0.019	1.245	-0.177	0.740
2	03:32:39	-0.005	-0.032	0.716	0.019	-0.028	0.017	0.978	-0.028	-0.755
3	03:33:47	-0.018	0.009	0.568	-0.080	-0.084	0.026	1.724	-0.084	-0.170
x		-0.016	-0.005	0.670	-0.005	-0.096	0.021	1.316	-0.096	-0.061
σ		0.010	0.023	0.088	0.067	0.076	0.004	0.378	0.075	0.753
%RSD		64.670	470.300	13.170	1431.000	78.400	21.290	28.760	78.470	1228.000

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:31:31	0.024	-0.014	-0.015	-0.014	-0.024	0.000	104%	-1.148	-0.002
2	03:32:39	0.016	-0.026	-0.017	-0.014	-0.022	0.000	103%	-0.224	-0.002
3	03:33:47	0.033	-0.006	-0.001	-0.010	-0.013	0.001	103%	0.077	0.001
x		0.024	-0.015	-0.011	-0.013	-0.020	0.000	103%	-0.432	-0.001
σ		0.009	0.010	0.008	0.002	0.006	0.001	1%	0.638	0.002
%RSD		35.980	62.330	78.300	18.250	28.730	173.200	1	147.800	190.100

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:31:31	0.540	-1.142	0.000	-0.062	0.008	0.008	11.390	11.010	100%
2	03:32:39	0.126	-0.218	0.000	-0.014	-0.004	-0.005	10.920	10.610	100%
3	03:33:47	0.009	0.081	-0.001	0.008	-0.003	0.004	11.580	10.640	101%
x		0.225	-0.426	-0.000	-0.023	0.001	0.002	11.300	10.750	100%
σ		0.279	0.638	0.000	0.036	0.007	0.006	0.340	0.224	0%
%RSD		124.000	149.700	476.400	156.200	1064.000	280.100	3.013	2.078	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:31:31	100%	-0.004	0.001	0.020	0.012	0.013	100%	0.089
2	03:32:39	100%	0.004	-0.002	0.014	0.006	0.013	100%	0.087
3	03:33:47	101%	0.000	-0.003	0.018	0.011	0.017	100%	0.091
x		100%	0.000	-0.001	0.017	0.010	0.015	100%	0.089
σ		0%	0.004	0.002	0.003	0.003	0.003	0%	0.002
%RSD		0	1544.000	119.300	16.450	36.520	17.710	0	2.103

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:39:27	100%	494.100	486.600	0.000	52710.000	52720.000	52700.000	52450.000	10440.000
2	03:40:35	101%	496.400	490.600	0.000	52950.000	52880.000	53280.000	52780.000	10550.000
3	03:41:43	100%	495.600	499.000	0.000	52600.000	52910.000	52860.000	52890.000	10580.000
x		100%	495.400	492.100	0.000	52750.000	52840.000	52950.000	52710.000	10530.000
σ		0%	1.170	6.298	0.000	178.400	100.500	300.200	232.300	73.550
%RSD		0	0.236	1.280	0.000	0.338	0.190	0.567	0.441	0.699

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:39:27	509.800	9893.000	0.000	0.000	26370.000	49550.000	48110.000	105%	498.100
2	03:40:35	518.100	9962.000	0.000	0.000	26470.000	50420.000	48810.000	105%	502.000
3	03:41:43	516.900	9967.000	0.000	0.000	26370.000	49890.000	48690.000	104%	498.900
x		514.900	9941.000	0.000	0.000	26400.000	49950.000	48540.000	105%	499.700
σ		4.525	41.020	0.000	0.000	58.360	436.400	376.100	1%	2.074
%RSD		0.879	0.413	0.000	0.000	0.221	0.874	0.775	1	0.415

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:39:27	489.000	488.000	3.757	25780.000	1039.000	25780.000	24790.000	495.000	495.400
2	03:40:35	503.200	497.700	0.482	26410.000	1052.000	26310.000	25220.000	498.500	502.800
3	03:41:43	498.100	494.300	-1.098	26140.000	1043.000	26260.000	25120.000	494.500	495.300
x		496.800	493.400	1.047	26110.000	1045.000	26110.000	25040.000	496.000	497.900
σ		7.206	4.920	2.476	316.700	6.976	294.800	223.200	2.167	4.310
%RSD		1.451	0.997	236.500	1.213	0.668	1.129	0.891	0.437	0.866

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:39:27	997.400	1000.000	975.800	488.200	492.900	-0.808	490.000	493.000	3.732
2	03:40:35	1012.000	1015.000	995.200	496.000	500.500	-0.909	499.100	501.300	-0.838
3	03:41:43	1001.000	998.200	992.900	491.800	484.600	-0.577	487.300	484.600	-0.195
x		1003.000	1005.000	988.000	492.000	492.700	-0.765	492.100	493.000	0.900
σ		7.696	9.355	10.580	3.901	7.964	0.170	6.210	8.333	2.474
%RSD		0.767	0.931	1.071	0.793	1.616	22.280	1.262	1.690	275.000

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:39:27	486.100	487.800	485.300	488.400	486.700	0.005	100%	482.100	492.200
2	03:40:35	503.900	504.200	498.600	506.600	501.700	0.005	98%	499.600	508.900
3	03:41:43	498.100	492.700	496.900	491.900	491.300	0.003	99%	489.300	494.900
x		496.000	494.900	493.600	495.600	493.200	0.004	99%	490.400	498.700
σ		9.063	8.440	7.271	9.617	7.685	0.001	1%	8.792	8.978
%RSD		1.827	1.705	1.473	1.940	1.558	21.680	1	1.793	1.800

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:39:27	10.610	482.400	492.000	484.800	487.500	481.600	2479.000	2401.000	100%
2	03:40:35	7.871	499.900	505.200	501.400	508.500	501.400	2536.000	2470.000	98%
3	03:41:43	8.598	489.600	493.800	493.100	494.300	489.400	2484.000	2414.000	100%
x		9.026	490.700	497.000	493.100	496.800	490.800	2500.000	2428.000	99%
σ		1.418	8.799	7.163	8.285	10.720	10.010	31.510	36.610	1%
%RSD		15.710	1.793	1.441	1.680	2.159	2.039	1.260	1.508	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:39:27	100%	493.400	519.400	494.300	495.400	493.300	97%	514.600
2	03:40:35	98%	500.400	530.100	503.000	502.600	502.600	96%	524.600
3	03:41:43	99%	497.700	521.700	496.200	501.900	497.200	96%	520.000
x		99%	497.200	523.700	497.800	500.000	497.700	96%	519.800
σ		1%	3.510	5.630	4.622	3.994	4.689	1%	5.015
%RSD		1	0.706	1.075	0.928	0.799	0.942	1	0.965

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:47:21	100%	-0.233	8.896	0.000	-15.860	0.649	1.156	0.779	0.027
2	03:48:29	101%	-0.149	4.422	0.000	-10.920	7.145	7.337	7.504	0.888
3	03:49:38	102%	-0.178	5.650	0.000	-11.350	7.623	7.475	7.871	1.053
x		101%	-0.187	6.323	0.000	-12.710	5.139	5.323	5.385	0.656
σ		1%	0.042	2.312	0.000	2.735	3.896	3.609	3.993	0.551
%RSD		1	22.730	36.570	0.000	21.530	75.810	67.800	74.150	84.030

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:47:21	1.405	0.171	0.000	0.000	25.270	-4.199	-11.470	104%	-0.054
2	03:48:29	0.894	4.095	0.000	0.000	27.080	4.227	-4.057	105%	-0.115
3	03:49:38	1.386	2.074	0.000	0.000	21.660	19.450	-7.342	106%	0.016
x		1.228	2.114	0.000	0.000	24.670	6.492	-7.622	105%	-0.051
σ		0.290	1.962	0.000	0.000	2.758	11.980	3.713	1%	0.066
%RSD		23.560	92.840	0.000	0.000	11.180	184.600	48.720	1	128.700

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:47:21	-0.032	-0.019	2.447	5.233	-0.014	-0.464	7.426	0.014	0.103
2	03:48:29	0.093	0.126	2.061	6.270	0.106	1.427	9.189	0.077	0.067
3	03:49:38	0.214	0.093	2.066	4.290	0.163	0.836	8.392	0.054	0.073
x		0.092	0.067	2.191	5.264	0.085	0.600	8.335	0.048	0.081
σ		0.123	0.076	0.221	0.991	0.090	0.967	0.883	0.031	0.019
%RSD		134.000	113.200	10.090	18.820	106.700	161.300	10.590	65.270	23.360

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:47:21	-0.012	-0.102	0.062	0.009	-0.122	0.014	1.357	-0.122	0.890
2	03:48:29	0.084	0.028	0.153	0.217	0.686	-0.009	0.727	0.685	-1.379
3	03:49:38	0.098	0.055	0.219	0.085	0.141	0.012	2.333	0.141	-1.047
x		0.056	-0.006	0.145	0.104	0.235	0.006	1.473	0.235	-0.512
σ		0.060	0.084	0.079	0.106	0.412	0.013	0.809	0.412	1.226
%RSD		106.500	1314.000	54.690	101.700	175.400	213.700	54.950	175.200	239.300

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:47:21	0.885	1.083	1.105	1.028	0.978	0.001	102%	-0.050	0.024
2	03:48:29	0.710	0.728	0.767	0.700	0.762	0.000	103%	-0.324	0.093
3	03:49:38	0.683	0.596	0.552	0.537	0.559	0.000	102%	-0.555	0.094
x		0.759	0.802	0.808	0.755	0.766	0.000	102%	-0.310	0.071
σ		0.110	0.252	0.279	0.250	0.210	0.001	0%	0.253	0.040
%RSD		14.420	31.380	34.500	33.120	27.360	173.200	0	81.600	56.680

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:47:21	0.044	-0.043	0.022	0.008	0.342	0.809	0.035	0.039	98%
2	03:48:29	0.244	-0.317	0.102	0.033	0.299	0.671	0.406	0.268	99%
3	03:49:38	0.284	-0.550	0.079	0.052	0.195	0.487	0.368	0.331	100%
x		0.191	-0.303	0.068	0.031	0.279	0.656	0.270	0.213	99%
σ		0.129	0.254	0.041	0.022	0.076	0.162	0.205	0.154	1%
%RSD		67.420	83.710	60.250	71.800	27.130	24.660	75.840	72.430	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:47:21	99%	-0.003	0.002	0.023	0.016	0.016	98%	0.029
2	03:48:29	99%	0.076	0.088	0.073	0.067	0.078	98%	0.072
3	03:49:38	99%	0.075	0.083	0.089	0.067	0.079	99%	0.074
x		99%	0.049	0.058	0.061	0.050	0.058	98%	0.058
σ		0%	0.045	0.048	0.034	0.029	0.036	0%	0.025
%RSD		0	92.050	83.360	56.250	58.590	62.230	0	43.370

C4369-15 MH3121 11/09/2011 03:54:08 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:55:16	96%	-0.132	372.800	0.000	446100.000	18000.000	17050.000	16990.000	93.920
2	03:56:24	95%	-0.133	383.100	0.000	451500.000	18100.000	17080.000	17120.000	93.560
3	03:57:32	96%	-0.109	368.800	0.000	436500.000	17520.000	16500.000	16610.000	91.670
x		95%	-0.125	374.900	0.000	444700.000	17870.000	16880.000	16900.000	93.050
σ		1%	0.013	7.367	0.000	7600.000	309.900	331.100	266.200	1.209
%RSD		1	10.680	1.965	0.000	1.709	1.734	1.962	1.575	1.300

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:55:16	14340.000	776.000	0.000	0.000	14160.000	61720.000	66010.000	99%	36.820
2	03:56:24	14540.000	779.000	0.000	0.000	14210.000	62460.000	66610.000	99%	38.320
3	03:57:32	14020.000	773.900	0.000	0.000	13760.000	60870.000	64140.000	99%	38.050
x		14300.000	776.300	0.000	0.000	14040.000	61680.000	65590.000	99%	37.730
σ		259.300	2.548	0.000	0.000	244.600	798.400	1289.000	0%	0.800
%RSD		1.813	0.328	0.000	0.000	1.742	1.294	1.965	0	2.121

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:55:16	22.070	5.060	101.900	936.800	1820.000	966.200	1082.000	0.654	4.814
2	03:56:24	22.150	5.105	107.200	951.300	1820.000	965.900	1090.000	0.674	4.846
3	03:57:32	21.460	4.993	110.500	905.900	1766.000	929.300	1031.000	0.655	4.715
x		21.890	5.053	106.500	931.300	1802.000	953.800	1068.000	0.661	4.791
σ		0.377	0.056	4.299	23.200	31.360	21.220	31.890	0.011	0.068
%RSD		1.721	1.118	4.035	2.491	1.740	2.225	2.987	1.692	1.425

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:55:16	5.091	4.345	5.021	36.600	0.608	0.793	2.037	0.610	0.698
2	03:56:24	4.888	4.148	4.685	36.520	0.181	0.932	0.841	0.182	3.535
3	03:57:32	4.614	4.182	4.378	34.070	-0.086	1.011	0.889	-0.086	3.003
x		4.864	4.225	4.695	35.730	0.234	0.912	1.256	0.235	2.412
σ		0.239	0.106	0.321	1.437	0.350	0.110	0.677	0.351	1.508
%RSD		4.914	2.500	6.845	4.023	149.400	12.110	53.930	149.200	62.530

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:55:16	22.580	0.866	2.820	0.956	0.857	0.002	93%	3.554	0.140
2	03:56:24	23.390	0.894	2.996	0.809	0.753	0.003	92%	3.222	0.107
3	03:57:32	21.390	0.797	2.705	0.929	0.696	0.000	94%	1.097	0.104
x		22.460	0.852	2.840	0.898	0.769	0.002	93%	2.625	0.117
σ		1.005	0.049	0.147	0.078	0.081	0.002	1%	1.333	0.020
%RSD		4.477	5.802	5.158	8.718	10.590	100.200	1	50.800	17.120

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:55:16	-0.871	3.547	0.129	0.257	0.347	0.862	114.100	110.600	95%
2	03:56:24	-0.865	3.215	0.110	0.265	0.307	0.906	115.000	111.900	95%
3	03:57:32	0.435	1.091	0.092	0.097	0.276	0.761	108.400	106.400	96%
x		-0.434	2.618	0.110	0.206	0.310	0.843	112.500	109.600	95%
σ		0.752	1.333	0.018	0.095	0.036	0.074	3.566	2.876	1%
%RSD		173.300	50.910	16.650	45.870	11.520	8.821	3.169	2.623	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:55:16	96%	0.149	0.177	0.679	0.610	0.640	92%	3.087
2	03:56:24	95%	0.092	0.101	0.699	0.567	0.617	92%	3.095
3	03:57:32	97%	0.072	0.074	0.613	0.543	0.591	93%	2.954
x		96%	0.104	0.117	0.664	0.574	0.616	93%	3.045
σ		1%	0.040	0.053	0.045	0.034	0.025	1%	0.079
%RSD		1	38.370	45.340	6.756	5.927	4.043	1	2.599

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:03:11	95%	-0.101	418.900	0.000	487800.000	15070.000	14140.000	14280.000	233.700
2	04:04:18	92%	-0.145	451.900	0.000	495700.000	15340.000	14360.000	14420.000	233.600
3	04:05:27	92%	-0.088	448.800	0.000	502400.000	15520.000	14680.000	14570.000	236.400
x		93%	-0.112	439.900	0.000	495300.000	15310.000	14390.000	14420.000	234.500
σ		2%	0.030	18.230	0.000	7331.000	230.400	272.400	143.800	1.574
%RSD		2	26.790	4.145	0.000	1.480	1.505	1.892	0.997	0.671

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:03:11	11820.000	960.000	0.000	0.000	20000.000	48310.000	47050.000	96%	43.100
2	04:04:18	11580.000	954.800	0.000	0.000	20110.000	48380.000	47230.000	97%	41.620
3	04:05:27	12000.000	960.100	0.000	0.000	20470.000	49190.000	47700.000	95%	44.340
x		11800.000	958.300	0.000	0.000	20190.000	48630.000	47330.000	96%	43.020
σ		210.900	3.016	0.000	0.000	245.800	485.700	334.100	1%	1.366
%RSD		1.787	0.315	0.000	0.000	1.217	0.999	0.706	1	3.174

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:03:11	19.610	4.546	123.600	799.500	2703.000	813.500	896.600	0.755	3.890
2	04:04:18	20.320	4.587	128.200	788.600	2691.000	809.000	876.700	0.703	3.863
3	04:05:27	20.490	4.583	135.800	803.400	2737.000	818.000	913.100	0.732	3.844
x		20.140	4.572	129.200	797.200	2710.000	813.500	895.500	0.730	3.866
σ		0.467	0.023	6.172	7.664	24.120	4.506	18.200	0.026	0.023
%RSD		2.317	0.493	4.776	0.961	0.890	0.554	2.032	3.568	0.599

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:03:11	3.090	2.326	3.697	13.460	1.144	1.049	1.271	1.145	0.268
2	04:04:18	3.186	2.550	4.040	12.850	0.476	1.183	1.349	0.478	-0.705
3	04:05:27	3.072	2.316	3.772	12.760	0.040	1.268	1.042	0.040	1.219
x		3.116	2.397	3.836	13.020	0.553	1.167	1.221	0.554	0.261
σ		0.061	0.132	0.181	0.383	0.556	0.110	0.160	0.556	0.962
%RSD		1.961	5.519	4.707	2.943	100.500	9.445	13.070	100.400	369.400

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:03:11	21.350	0.382	2.174	0.419	0.363	0.003	91%	2.148	0.050
2	04:04:18	21.560	0.393	2.326	0.453	0.411	0.002	91%	1.242	0.060
3	04:05:27	21.110	0.359	2.144	0.336	0.313	0.002	91%	3.153	0.037
x		21.340	0.378	2.215	0.402	0.362	0.002	91%	2.181	0.049
σ		0.225	0.017	0.098	0.060	0.049	0.001	0%	0.956	0.011
%RSD		1.053	4.619	4.422	14.970	13.430	42.930	0	43.830	22.760

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:03:11	-0.300	2.140	0.045	0.134	0.277	0.607	92.840	89.110	94%
2	04:04:18	0.316	1.234	0.032	0.011	0.236	0.644	94.250	90.990	94%
3	04:05:27	-0.583	3.142	0.033	0.104	0.219	0.594	93.340	90.960	94%
x		-0.189	2.172	0.036	0.083	0.244	0.615	93.480	90.350	94%
σ		0.460	0.954	0.007	0.064	0.030	0.026	0.713	1.076	0%
%RSD		243.400	43.930	20.100	77.280	12.170	4.202	0.763	1.190	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:03:11	95%	0.041	0.040	0.913	0.762	0.834	91%	1.410
2	04:04:18	94%	0.027	0.017	0.899	0.818	0.844	91%	1.403
3	04:05:27	94%	0.008	0.021	0.867	0.801	0.820	91%	1.407
x		94%	0.025	0.026	0.893	0.794	0.833	91%	1.407
σ		1%	0.017	0.012	0.023	0.029	0.012	0%	0.003
%RSD		1	67.110	46.950	2.606	3.596	1.420	0	0.244

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:11:05	93%	-0.140	461.200	0.000	451100.000	16180.000	15210.000	15370.000	208.400
2	04:12:13	92%	-0.207	451.500	0.000	455800.000	16440.000	15430.000	15520.000	210.400
3	04:13:21	92%	-0.108	450.800	0.000	454300.000	16340.000	15310.000	15460.000	209.100
x		92%	-0.152	454.500	0.000	453700.000	16320.000	15320.000	15450.000	209.300
σ		1%	0.051	5.799	0.000	2365.000	133.600	107.100	71.280	0.996
%RSD		1	33.380	1.276	0.000	0.521	0.819	0.699	0.461	0.476

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:11:05	15270.000	1096.000	0.000	0.000	16320.000	51900.000	50290.000	96%	53.040
2	04:12:13	15540.000	1100.000	0.000	0.000	16590.000	51940.000	50650.000	95%	53.700
3	04:13:21	15570.000	1096.000	0.000	0.000	16550.000	52400.000	50670.000	96%	54.670
x		15460.000	1097.000	0.000	0.000	16490.000	52080.000	50540.000	96%	53.800
σ		164.900	2.231	0.000	0.000	148.900	281.600	215.400	1%	0.820
%RSD		1.066	0.203	0.000	0.000	0.903	0.541	0.426	1	1.524

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:11:05	22.210	5.440	114.100	459.300	4243.000	461.800	569.500	0.611	5.103
2	04:12:13	21.990	5.324	121.300	459.600	4333.000	469.200	580.200	0.626	5.382
3	04:13:21	23.490	5.533	122.400	452.800	4243.000	458.400	578.500	0.589	5.410
x		22.560	5.432	119.300	457.200	4273.000	463.100	576.100	0.609	5.298
σ		0.811	0.105	4.525	3.811	52.020	5.532	5.743	0.019	0.170
%RSD		3.592	1.927	3.794	0.834	1.217	1.195	0.997	3.086	3.209

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:11:05	3.013	2.354	13.360	14.200	0.860	1.033	0.973	0.862	-0.257
2	04:12:13	3.014	2.444	13.780	14.470	0.274	1.092	0.681	0.275	-0.694
3	04:13:21	2.844	2.496	13.240	14.760	0.418	1.108	1.273	0.419	0.844
x		2.957	2.431	13.460	14.470	0.518	1.078	0.976	0.519	-0.036
σ		0.098	0.072	0.287	0.281	0.305	0.039	0.296	0.306	0.793
%RSD		3.307	2.945	2.129	1.939	59.010	3.659	30.340	59.010	2222.000

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:11:05	23.890	0.225	2.375	0.238	0.269	0.003	90%	3.432	1.460
2	04:12:13	23.930	0.222	2.322	0.240	0.251	0.008	89%	2.521	1.490
3	04:13:21	23.510	0.209	2.286	0.354	0.279	0.003	90%	2.166	1.459
x		23.780	0.219	2.327	0.277	0.266	0.005	90%	2.706	1.470
σ		0.230	0.009	0.045	0.066	0.014	0.003	0%	0.653	0.017
%RSD		0.967	3.983	1.928	23.900	5.367	58.150	0	24.130	1.189

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:11:05	-0.895	3.419	1.451	0.149	0.269	0.198	97.860	92.900	94%
2	04:12:13	-0.031	2.509	1.418	0.056	0.228	0.219	96.780	92.890	94%
3	04:13:21	-0.299	2.154	1.449	0.077	0.224	0.162	98.470	94.210	94%
x		-0.408	2.694	1.440	0.094	0.241	0.193	97.700	93.330	94%
σ		0.442	0.653	0.019	0.049	0.025	0.029	0.858	0.759	0%
%RSD		108.400	24.230	1.290	51.670	10.460	15.050	0.878	0.814	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:11:05	94%	0.012	0.016	0.290	0.274	0.289	91%	1.000
2	04:12:13	94%	0.012	0.014	0.290	0.246	0.276	91%	0.994
3	04:13:21	95%	0.005	0.003	0.307	0.263	0.279	90%	1.000
x		94%	0.010	0.011	0.296	0.261	0.281	91%	0.998
σ		0%	0.004	0.007	0.010	0.014	0.007	0%	0.003
%RSD		0	39.880	65.590	3.261	5.498	2.342	0	0.325

C4369-18 MH3124 11/09/2011 04:17:52 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:19:00	91%	-0.077	360.000	0.000	518600.000	15150.000	14340.000	14400.000	315.500
2	04:20:08	92%	-0.010	365.100	0.000	511700.000	14900.000	14100.000	14160.000	316.500
3	04:21:16	90%	-0.078	375.300	0.000	518000.000	15220.000	14250.000	14280.000	318.400
x		91%	-0.055	366.800	0.000	516100.000	15090.000	14230.000	14280.000	316.800
σ		1%	0.039	7.828	0.000	3810.000	171.300	117.300	118.500	1.442
%RSD		1	70.710	2.134	0.000	0.738	1.135	0.825	0.830	0.455

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:19:00	12880.000	1174.000	0.000	0.000	22910.000	51120.000	49690.000	94%	59.570
2	04:20:08	12780.000	1162.000	0.000	0.000	22700.000	50290.000	49300.000	95%	60.960
3	04:21:16	12990.000	1163.000	0.000	0.000	22590.000	50100.000	48580.000	95%	61.930
x		12880.000	1167.000	0.000	0.000	22730.000	50500.000	49190.000	95%	60.820
σ		102.400	6.537	0.000	0.000	163.200	543.100	559.300	1%	1.182
%RSD		0.795	0.560	0.000	0.000	0.718	1.075	1.137	1	1.944

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:19:00	30.730	4.507	138.300	1988.000	3678.000	2087.000	2062.000	0.515	4.302
2	04:20:08	29.050	4.554	150.100	1948.000	3599.000	2038.000	2042.000	0.473	4.317
3	04:21:16	30.720	4.549	154.500	1941.000	3633.000	2071.000	2035.000	0.455	4.282
x		30.170	4.537	147.600	1959.000	3637.000	2066.000	2046.000	0.481	4.301
σ		0.964	0.026	8.363	25.560	39.960	25.120	14.070	0.031	0.017
%RSD		3.197	0.568	5.665	1.305	1.099	1.216	0.688	6.391	0.404

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:19:00	2.748	2.113	6.249	44.510	0.298	1.320	1.034	0.299	0.997
2	04:20:08	2.605	2.235	6.173	45.940	0.659	1.251	0.664	0.660	-0.660
3	04:21:16	2.660	2.149	6.242	44.060	-0.002	1.459	1.407	-0.001	1.745
x		2.671	2.166	6.221	44.830	0.319	1.343	1.035	0.319	0.694
σ		0.072	0.063	0.042	0.984	0.331	0.106	0.372	0.331	1.231
%RSD		2.705	2.890	0.668	2.194	103.800	7.891	35.890	103.700	177.400

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:19:00	19.700	0.289	1.860	0.331	0.265	0.005	89%	3.006	0.038
2	04:20:08	19.550	0.226	1.821	0.300	0.251	0.003	89%	2.734	0.036
3	04:21:16	19.890	0.273	2.054	0.256	0.231	0.000	88%	2.923	0.047
x		19.710	0.262	1.911	0.295	0.249	0.003	89%	2.888	0.040
σ		0.174	0.033	0.125	0.038	0.017	0.003	0%	0.140	0.006
%RSD		0.882	12.540	6.523	12.730	6.727	91.730	0	4.832	15.270

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:19:00	-0.686	2.996	0.038	0.127	0.173	0.472	92.960	90.670	92%
2	04:20:08	-0.668	2.728	0.032	0.111	0.139	0.446	92.540	89.430	91%
3	04:21:16	-0.805	2.911	0.017	0.118	0.158	0.441	93.980	90.360	92%
x		-0.720	2.878	0.029	0.119	0.157	0.453	93.160	90.150	92%
σ		0.075	0.137	0.011	0.008	0.017	0.017	0.742	0.643	0%
%RSD		10.390	4.769	37.000	6.866	10.800	3.643	0.796	0.713	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:19:00	92%	0.008	0.010	0.738	0.649	0.708	88%	2.177
2	04:20:08	92%	-0.002	0.002	0.706	0.678	0.688	89%	2.120
3	04:21:16	92%	-0.012	-0.001	0.687	0.674	0.685	88%	2.177
x		92%	-0.002	0.004	0.711	0.667	0.694	88%	2.158
σ		0%	0.010	0.006	0.026	0.016	0.013	0%	0.033
%RSD		0	448.600	156.000	3.609	2.386	1.808	0	1.529

C4369-19 MH3125 11/09/2011 04:25:48 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:26:56	89%	-0.118	248.800	0.000	342700.000	8448.000	7835.000	7931.000	567.700
2	04:28:04	89%	-0.111	234.200	0.000	343200.000	8363.000	7834.000	7952.000	560.400
3	04:29:12	88%	-0.004	245.300	0.000	342200.000	8331.000	7759.000	7789.000	557.000
x		89%	-0.078	242.800	0.000	342700.000	8381.000	7809.000	7891.000	561.700
σ		0%	0.064	7.625	0.000	513.200	60.070	43.550	88.920	5.486
%RSD		1	81.990	3.141	0.000	0.150	0.717	0.558	1.127	0.977

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:26:56	9726.000	697.500	0.000	0.000	18450.000	30030.000	29520.000	94%	40.500
2	04:28:04	9647.000	703.500	0.000	0.000	18320.000	30350.000	29290.000	94%	39.210
3	04:29:12	9568.000	705.300	0.000	0.000	18140.000	30130.000	29000.000	94%	37.590
x		9647.000	702.100	0.000	0.000	18300.000	30170.000	29270.000	94%	39.100
σ		78.820	4.087	0.000	0.000	155.300	165.600	256.900	0%	1.460
%RSD		0.817	0.582	0.000	0.000	0.849	0.549	0.878	0	3.733

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:26:56	27.700	4.630	143.800	321.200	929.700	325.200	381.300	0.416	2.345
2	04:28:04	28.230	4.681	151.400	322.900	921.300	324.100	387.000	0.403	2.556
3	04:29:12	29.020	4.710	152.700	321.100	911.100	319.100	383.900	0.425	2.529
x		28.320	4.674	149.300	321.700	920.700	322.800	384.000	0.415	2.476
σ		0.668	0.041	4.817	1.025	9.310	3.265	2.828	0.011	0.115
%RSD		2.358	0.876	3.227	0.319	1.011	1.011	0.736	2.605	4.630

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:26:56	3.797	3.215	6.092	9.182	0.446	1.334	1.272	0.447	0.840
2	04:28:04	3.749	3.244	6.349	8.664	0.041	1.455	1.027	0.042	2.746
3	04:29:12	3.760	3.408	6.151	9.716	0.275	1.374	1.018	0.276	1.443
x		3.769	3.289	6.197	9.187	0.254	1.388	1.105	0.255	1.676
σ		0.025	0.104	0.135	0.526	0.203	0.061	0.144	0.204	0.975
%RSD		0.668	3.161	2.173	5.728	80.020	4.428	13.030	79.900	58.130

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:26:56	10.670	1.727	2.486	1.704	1.736	0.002	89%	1.788	0.030
2	04:28:04	11.410	1.790	2.705	1.671	1.700	0.005	89%	-0.173	0.026
3	04:29:12	10.980	1.811	2.638	1.699	1.796	0.003	90%	1.800	0.034
x		11.020	1.776	2.610	1.691	1.744	0.003	89%	1.139	0.030
σ		0.367	0.044	0.112	0.018	0.049	0.002	0%	1.136	0.004
%RSD		3.332	2.457	4.287	1.045	2.783	50.330	0	99.740	13.960

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:26:56	-0.411	1.780	0.031	0.086	0.138	0.446	74.410	71.590	92%
2	04:28:04	0.519	-0.181	0.017	0.001	0.138	0.497	74.690	72.140	92%
3	04:29:12	-0.524	1.788	0.028	0.080	0.138	0.474	73.570	71.510	94%
x		-0.139	1.129	0.026	0.056	0.138	0.472	74.230	71.750	93%
σ		0.572	1.135	0.008	0.048	0.000	0.025	0.584	0.342	1%
%RSD		413.200	100.500	29.640	85.160	0.218	5.395	0.787	0.476	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:26:56	92%	0.002	-0.001	1.077	0.997	1.011	90%	1.209
2	04:28:04	93%	0.001	-0.002	1.037	0.954	0.980	90%	1.215
3	04:29:12	94%	-0.003	-0.001	1.049	0.854	0.935	92%	1.183
x		93%	0.000	-0.001	1.054	0.935	0.975	91%	1.202
σ		1%	0.003	0.001	0.020	0.074	0.038	1%	0.017
%RSD		1	8184.000	51.420	1.924	7.874	3.940	1	1.409

C4369-15X25 MH3121 11/09/2011 04:33:44 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:34:52	90%	-0.303	22.510	0.000	18560.000	694.900	697.100	696.400	3.647
2	04:36:00	90%	-0.224	20.940	0.000	18550.000	695.300	697.300	709.400	3.629
3	04:37:08	90%	-0.266	21.150	0.000	18790.000	696.000	696.300	707.200	3.643
x		90%	-0.265	21.540	0.000	18630.000	695.400	696.900	704.300	3.640
σ		0%	0.040	0.853	0.000	137.300	0.574	0.530	6.952	0.009
%RSD		0	15.080	3.962	0.000	0.737	0.082	0.076	0.987	0.250

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:34:52	561.000	31.550	0.000	0.000	611.900	2600.000	2487.000	94%	1.429
2	04:36:00	563.500	34.690	0.000	0.000	618.900	2676.000	2476.000	93%	1.526
3	04:37:08	569.100	31.040	0.000	0.000	619.300	2621.000	2492.000	93%	1.541
x		564.500	32.430	0.000	0.000	616.700	2632.000	2485.000	94%	1.499
σ		4.132	1.977	0.000	0.000	4.199	39.320	7.906	0%	0.061
%RSD		0.732	6.097	0.000	0.000	0.681	1.494	0.318	0	4.038

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:34:52	-0.408	0.458	62.680	45.360	69.920	30.280	45.030	0.032	0.261
2	04:36:00	0.129	0.408	59.390	47.810	70.340	31.050	40.010	0.034	0.157
3	04:37:08	0.198	0.460	57.330	46.330	70.190	30.950	39.590	0.031	0.241
x		-0.027	0.442	59.800	46.500	70.150	30.760	41.540	0.032	0.220
σ		0.332	0.030	2.696	1.234	0.216	0.419	3.026	0.002	0.055
%RSD		1223.000	6.678	4.509	2.654	0.308	1.363	7.283	4.738	25.170

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:34:52	0.180	0.189	0.328	1.126	-0.254	0.691	1.315	-0.253	2.443
2	04:36:00	0.097	0.284	0.523	1.231	0.185	0.636	0.826	0.184	0.470
3	04:37:08	0.163	0.161	0.279	1.406	0.371	0.592	1.719	0.369	-0.673
x		0.146	0.211	0.377	1.254	0.101	0.640	1.287	0.100	0.747
σ		0.044	0.065	0.129	0.141	0.321	0.050	0.447	0.319	1.576
%RSD		30.030	30.630	34.330	11.250	318.600	7.752	34.740	319.100	211.100

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:34:52	0.932	0.005	0.116	0.024	0.003	0.003	93%	0.267	0.002
2	04:36:00	1.045	0.020	0.106	-0.009	0.018	0.002	93%	-1.022	0.005
3	04:37:08	1.063	-0.001	0.140	0.034	0.002	0.002	94%	0.822	-0.002
x		1.013	0.008	0.121	0.016	0.008	0.002	93%	0.022	0.002
σ		0.071	0.011	0.017	0.023	0.009	0.001	1%	0.946	0.004
%RSD		6.998	135.200	14.500	138.800	115.000	44.090	1	4248.000	250.700

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:34:52	-0.073	0.264	0.002	0.010	-0.003	0.032	4.399	4.335	94%
2	04:36:00	0.536	-1.024	0.003	-0.041	0.014	0.026	4.113	4.483	94%
3	04:37:08	-0.362	0.820	0.000	0.041	0.001	0.033	4.420	4.179	95%
x		0.034	0.020	0.002	0.003	0.004	0.030	4.311	4.332	94%
σ		0.458	0.946	0.001	0.042	0.009	0.004	0.172	0.152	1%
%RSD		1364.000	4727.000	69.490	1209.000	212.300	12.130	3.977	3.509	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:34:52	94%	-0.005	-0.005	0.020	0.022	0.020	94%	0.109
2	04:36:00	94%	-0.005	-0.002	0.022	0.015	0.019	96%	0.125
3	04:37:08	95%	-0.005	-0.004	0.023	0.025	0.025	96%	0.126
x		94%	-0.005	-0.004	0.022	0.021	0.022	95%	0.120
σ		1%	0.000	0.002	0.002	0.005	0.003	1%	0.010
%RSD		1	5.593	39.770	7.581	25.130	14.230	1	7.947

C4369-16X25 MH3122 11/09/2011 04:41:40 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:42:48	90%	-0.237	28.630	0.000	20790.000	595.200	590.800	596.800	9.148
2	04:43:56	90%	-0.310	21.530	0.000	20930.000	597.400	591.200	595.300	9.606
3	04:45:04	90%	-0.181	21.940	0.000	20870.000	602.100	595.500	600.500	9.646
x		90%	-0.243	24.030	0.000	20870.000	598.200	592.500	597.500	9.467
σ		0%	0.065	3.985	0.000	71.100	3.514	2.587	2.646	0.277
%RSD		0	26.720	16.580	0.000	0.341	0.587	0.437	0.443	2.924

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:42:48	456.100	38.220	0.000	0.000	849.900	2028.000	1940.000	94%	1.363
2	04:43:56	472.700	35.990	0.000	0.000	868.000	2011.000	1982.000	94%	1.540
3	04:45:04	470.100	42.320	0.000	0.000	852.500	1991.000	1964.000	94%	1.575
x		466.300	38.840	0.000	0.000	856.800	2010.000	1962.000	94%	1.492
σ		8.922	3.208	0.000	0.000	9.803	18.370	20.890	0%	0.114
%RSD		1.913	8.259	0.000	0.000	1.144	0.914	1.065	0	7.613

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:42:48	0.102	0.437	45.780	39.200	105.600	26.260	40.770	0.028	0.247
2	04:43:56	0.310	0.379	44.150	40.300	107.200	27.270	35.940	0.035	0.147
3	04:45:04	1.371	0.409	41.740	38.680	105.800	26.640	35.650	0.035	0.189
x		0.594	0.409	43.890	39.390	106.200	26.730	37.450	0.033	0.194
σ		0.681	0.029	2.034	0.827	0.861	0.511	2.878	0.004	0.050
%RSD		114.500	7.146	4.634	2.098	0.811	1.913	7.685	12.210	25.940

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:42:48	0.069	0.157	0.287	0.345	-0.628	0.488	0.632	-0.626	2.527
2	04:43:56	0.077	0.113	0.166	0.398	0.351	0.463	0.342	0.349	0.080
3	04:45:04	0.048	0.171	0.240	0.434	0.513	0.429	0.683	0.510	-1.793
x		0.065	0.147	0.231	0.392	0.078	0.460	0.552	0.078	0.272
σ		0.015	0.031	0.061	0.045	0.617	0.029	0.184	0.615	2.166
%RSD		22.920	20.760	26.580	11.420	786.300	6.368	33.290	789.300	797.900

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:42:48	0.932	-0.016	0.070	0.023	-0.010	0.007	93%	-0.605	-0.002
2	04:43:56	0.909	0.007	0.072	0.003	-0.021	0.005	94%	-0.089	0.000
3	04:45:04	0.809	0.006	0.047	-0.026	-0.010	0.003	95%	-0.500	0.003
x		0.884	-0.001	0.063	0.000	-0.014	0.005	94%	-0.398	0.000
σ		0.065	0.013	0.014	0.025	0.006	0.002	1%	0.273	0.002
%RSD		7.390	1512.000	22.110	17680.000	45.880	34.040	1	68.530	3559.000

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:42:48	0.314	-0.608	-0.000	-0.028	0.022	0.028	3.829	3.712	95%
2	04:43:56	0.068	-0.090	0.004	-0.008	0.013	0.021	3.920	3.779	94%
3	04:45:04	0.288	-0.502	0.002	-0.025	-0.006	0.025	3.776	3.622	96%
x		0.223	-0.400	0.002	-0.021	0.009	0.025	3.842	3.704	95%
σ		0.135	0.274	0.002	0.011	0.014	0.003	0.073	0.079	1%
%RSD		60.370	68.390	113.300	51.820	152.100	13.740	1.888	2.120	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:42:48	94%	-0.009	-0.002	0.042	0.025	0.030	95%	0.051
2	04:43:56	95%	-0.004	-0.004	0.026	0.028	0.032	95%	0.057
3	04:45:04	96%	-0.009	-0.009	0.039	0.042	0.038	95%	0.050
x		95%	-0.007	-0.005	0.036	0.032	0.033	95%	0.053
σ		1%	0.003	0.004	0.009	0.009	0.004	0%	0.004
%RSD		1	38.830	76.620	24.240	29.550	12.650	0	6.713

C4369-17X25 MH3123 11/09/2011 04:49:37 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:50:45	91%	-0.240	21.820	0.000	18770.000	622.300	620.400	632.400	8.590
2	04:51:53	90%	-0.224	20.150	0.000	18860.000	628.800	627.900	636.000	8.682
3	04:53:01	90%	-0.222	18.420	0.000	18920.000	630.300	627.900	634.200	8.576
x		90%	-0.229	20.130	0.000	18850.000	627.200	625.400	634.200	8.616
σ		1%	0.010	1.699	0.000	79.010	4.251	4.312	1.769	0.058
%RSD		1	4.335	8.442	0.000	0.419	0.678	0.690	0.279	0.671

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:50:45	593.600	43.550	0.000	0.000	707.500	2135.000	2068.000	93%	2.521
2	04:51:53	592.900	45.190	0.000	0.000	710.600	2068.000	2055.000	94%	1.985
3	04:53:01	605.400	45.620	0.000	0.000	712.800	2161.000	2076.000	93%	2.072
x		597.300	44.790	0.000	0.000	710.300	2121.000	2066.000	94%	2.193
σ		7.008	1.091	0.000	0.000	2.687	48.190	10.770	1%	0.287
%RSD		1.173	2.436	0.000	0.000	0.378	2.272	0.521	1	13.100

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:50:45	0.857	0.353	35.750	28.620	167.300	12.620	20.220	0.020	0.239
2	04:51:53	0.528	0.341	35.140	23.710	166.400	12.560	21.100	0.024	0.211
3	04:53:01	0.394	0.371	35.030	25.760	166.500	12.690	17.330	0.043	0.207
x		0.593	0.355	35.300	26.030	166.700	12.620	19.550	0.029	0.219
σ		0.238	0.015	0.387	2.464	0.521	0.065	1.975	0.012	0.017
%RSD		40.130	4.184	1.095	9.467	0.312	0.515	10.100	42.190	7.964

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:50:45	0.109	0.159	0.581	0.685	0.081	0.338	0.870	0.081	0.725
2	04:51:53	0.108	0.037	0.620	0.721	0.079	0.315	0.920	0.079	0.025
3	04:53:01	0.108	0.002	0.776	0.513	-0.461	0.345	1.174	-0.458	2.122
x		0.108	0.066	0.659	0.639	-0.100	0.333	0.988	-0.100	0.957
σ		0.001	0.083	0.103	0.111	0.312	0.016	0.163	0.311	1.068
%RSD		0.670	125.000	15.640	17.370	311.700	4.791	16.500	311.900	111.600

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:50:45	0.937	-0.034	0.068	-0.021	-0.018	0.002	93%	-0.214	0.056
2	04:51:53	0.907	-0.014	0.071	-0.010	-0.024	0.002	94%	0.820	0.053
3	04:53:01	1.043	0.004	0.081	-0.005	-0.005	0.005	94%	0.165	0.055
x		0.962	-0.015	0.073	-0.012	-0.016	0.003	94%	0.257	0.055
σ		0.071	0.019	0.007	0.008	0.010	0.002	1%	0.523	0.001
%RSD		7.423	131.400	9.461	67.450	60.400	69.120	1	203.400	2.277

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:50:45	0.205	-0.216	0.056	-0.013	0.011	0.003	4.079	3.834	94%
2	04:51:53	-0.386	0.817	0.061	0.044	0.007	-0.007	3.696	3.685	96%
3	04:53:01	-0.076	0.161	0.060	0.010	0.007	-0.005	3.973	3.850	96%
x		-0.086	0.254	0.059	0.014	0.008	-0.003	3.916	3.789	95%
σ		0.296	0.523	0.003	0.028	0.002	0.005	0.197	0.091	1%
%RSD		345.200	205.600	4.608	204.600	21.710	197.800	5.042	2.404	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:50:45	95%	-0.007	0.001	0.001	0.009	0.009	96%	0.037
2	04:51:53	96%	0.003	0.001	0.018	0.008	0.013	96%	0.039
3	04:53:01	96%	-0.001	0.004	0.013	0.015	0.012	96%	0.043
x		95%	-0.002	0.002	0.011	0.011	0.011	96%	0.040
σ		1%	0.005	0.002	0.009	0.004	0.002	0%	0.003
%RSD		1	270.700	73.330	81.670	34.040	18.540	0	7.776

C4369-18X25 MH3124 11/09/2011 04:57:34 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:58:42	90%	-0.332	17.870	0.000	22110.000	590.800	588.100	586.800	13.100
2	04:59:50	89%	-0.190	16.870	0.000	22180.000	590.600	592.100	592.800	13.190
3	05:00:58	90%	-0.193	17.220	0.000	21780.000	585.200	581.600	583.900	13.060
x		89%	-0.239	17.320	0.000	22020.000	588.900	587.300	587.800	13.120
σ		1%	0.081	0.507	0.000	212.900	3.170	5.275	4.494	0.068
%RSD		1	33.890	2.924	0.000	0.967	0.538	0.898	0.764	0.517

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:58:42	497.200	50.290	0.000	0.000	973.100	2117.000	2066.000	94%	2.622
2	04:59:50	505.600	45.880	0.000	0.000	967.900	2031.000	2052.000	95%	2.577
3	05:00:58	496.200	52.090	0.000	0.000	951.200	2165.000	2022.000	95%	2.316
x		499.700	49.420	0.000	0.000	964.100	2104.000	2047.000	95%	2.505
σ		5.120	3.198	0.000	0.000	11.410	67.810	22.610	1%	0.165
%RSD		1.025	6.471	0.000	0.000	1.183	3.223	1.105	1	6.599

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:58:42	0.775	0.296	31.430	86.220	144.400	77.150	82.010	0.021	0.129
2	04:59:50	1.268	0.284	30.190	88.170	143.100	75.890	82.150	0.024	0.189
3	05:00:58	0.433	0.243	30.000	84.100	141.600	75.280	76.550	0.019	0.225
x		0.825	0.274	30.540	86.160	143.000	76.110	80.240	0.022	0.181
σ		0.420	0.028	0.774	2.034	1.424	0.956	3.193	0.002	0.049
%RSD		50.900	10.100	2.533	2.360	0.996	1.256	3.980	11.060	26.850

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:58:42	0.063	0.037	0.344	1.894	0.120	0.272	1.217	0.120	-0.837
2	04:59:50	0.061	0.079	0.318	1.441	-0.147	0.318	1.463	-0.147	1.128
3	05:00:58	-0.007	0.058	0.300	1.832	0.099	0.266	0.323	0.098	0.315
x		0.039	0.058	0.321	1.722	0.024	0.285	1.001	0.024	0.202
σ		0.040	0.021	0.022	0.246	0.149	0.029	0.600	0.148	0.988
%RSD		102.400	36.600	6.877	14.250	623.600	10.130	59.960	621.700	488.200

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:58:42	0.669	-0.029	0.035	-0.022	-0.018	0.000	95%	-0.698	0.008
2	04:59:50	0.680	-0.047	0.060	-0.022	-0.025	0.003	96%	0.031	0.001
3	05:00:58	0.765	-0.027	0.070	-0.034	-0.012	0.005	95%	-0.949	0.002
x		0.705	-0.035	0.055	-0.026	-0.018	0.003	95%	-0.539	0.004
σ		0.053	0.011	0.018	0.007	0.006	0.002	0%	0.509	0.004
%RSD		7.467	32.270	32.790	26.490	34.160	91.800	1	94.490	101.900

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:58:42	0.331	-0.701	0.003	-0.040	-0.000	0.016	4.085	3.551	96%
2	04:59:50	0.036	0.031	0.003	-0.001	0.010	0.003	3.809	3.459	96%
3	05:00:58	0.502	-0.953	0.001	-0.048	0.009	-0.004	3.608	3.773	97%
x		0.290	-0.541	0.002	-0.030	0.007	0.005	3.834	3.594	96%
σ		0.236	0.511	0.001	0.025	0.006	0.010	0.239	0.161	1%
%RSD		81.360	94.470	40.560	83.670	89.260	198.000	6.239	4.491	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:58:42	95%	0.002	-0.002	0.028	0.026	0.026	96%	0.083
2	04:59:50	96%	-0.000	0.005	0.038	0.032	0.033	97%	0.085
3	05:00:58	98%	0.004	0.006	0.021	0.025	0.028	98%	0.086
x		96%	0.002	0.003	0.029	0.028	0.029	97%	0.085
σ		1%	0.002	0.004	0.008	0.004	0.004	1%	0.002
%RSD		1	124.400	133.700	27.790	12.860	12.790	1	2.253

C4369-19X25 MH3125 11/09/2011 05:05:32 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:06:40	88%	-0.246	9.989	0.000	14590.000	327.500	319.400	329.600	23.400
2	05:07:48	89%	-0.142	11.620	0.000	14160.000	317.700	316.400	318.500	22.410
3	05:08:56	90%	-0.224	11.370	0.000	14100.000	318.400	318.600	320.600	22.820
x		89%	-0.204	10.990	0.000	14280.000	321.200	318.100	322.900	22.880
σ		1%	0.055	0.877	0.000	269.100	5.451	1.514	5.940	0.501
%RSD		1	27.070	7.981	0.000	1.884	1.697	0.476	1.840	2.188

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:06:40	396.500	29.150	0.000	0.000	789.000	1245.000	1249.000	93%	1.618
2	05:07:48	388.000	31.160	0.000	0.000	764.000	1159.000	1190.000	95%	1.515
3	05:08:56	384.500	24.300	0.000	0.000	770.700	1256.000	1188.000	95%	1.465
x		389.700	28.200	0.000	0.000	774.600	1220.000	1209.000	94%	1.533
σ		6.172	3.528	0.000	0.000	12.920	52.760	34.530	1%	0.078
%RSD		1.584	12.510	0.000	0.000	1.668	4.325	2.856	1	5.106

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:06:40	0.897	0.285	26.770	20.690	38.740	7.652	15.340	0.013	0.035
2	05:07:48	0.706	0.229	26.290	16.460	37.670	7.330	8.630	0.021	0.097
3	05:08:56	0.721	0.262	26.010	15.570	37.750	7.091	11.250	0.017	0.138
x		0.775	0.259	26.350	17.570	38.050	7.357	11.740	0.017	0.090
σ		0.106	0.028	0.385	2.735	0.594	0.282	3.382	0.004	0.052
%RSD		13.690	10.710	1.462	15.570	1.560	3.826	28.800	24.180	57.640

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:06:40	0.137	0.144	0.687	0.710	-0.212	0.216	1.001	-0.211	0.766
2	05:07:48	0.075	0.046	0.620	0.328	-0.065	0.228	0.774	-0.065	-0.012
3	05:08:56	0.094	0.144	0.673	0.257	-0.496	0.255	1.024	-0.493	2.324
x		0.102	0.111	0.660	0.431	-0.258	0.233	0.933	-0.257	1.026
σ		0.032	0.057	0.036	0.244	0.219	0.020	0.138	0.218	1.189
%RSD		30.960	50.780	5.386	56.420	84.860	8.485	14.780	84.850	115.900

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:06:40	0.485	0.055	0.049	0.060	0.025	0.000	93%	0.006	-0.004
2	05:07:48	0.379	0.029	0.075	0.082	0.020	0.000	95%	-0.583	0.004
3	05:08:56	0.407	0.034	0.079	0.033	0.034	0.005	95%	0.461	-0.002
x		0.424	0.039	0.068	0.058	0.026	0.002	94%	-0.039	-0.001
σ		0.055	0.014	0.016	0.024	0.007	0.003	1%	0.523	0.004
%RSD		12.970	34.490	24.150	41.580	25.320	173.200	1	1356.000	806.300

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:06:40	0.077	0.001	-0.000	-0.006	-0.006	0.004	2.908	3.011	95%
2	05:07:48	0.278	-0.588	0.000	-0.017	0.008	0.020	2.874	2.914	97%
3	05:08:56	-0.215	0.455	-0.000	0.018	0.005	0.009	3.041	2.918	98%
x		0.047	-0.044	-0.000	-0.002	0.003	0.011	2.941	2.948	97%
σ		0.248	0.523	0.000	0.018	0.007	0.008	0.088	0.055	1%
%RSD		532.000	1195.000	408.600	1072.000	276.000	74.760	3.000	1.864	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:06:40	95%	-0.002	-0.001	0.048	0.042	0.044	96%	0.049
2	05:07:48	97%	0.000	-0.001	0.043	0.040	0.037	98%	0.047
3	05:08:56	98%	-0.005	-0.003	0.048	0.046	0.043	99%	0.047
x		97%	-0.002	-0.001	0.046	0.043	0.041	98%	0.048
σ		2%	0.002	0.001	0.003	0.003	0.004	1%	0.001
%RSD		2	107.300	66.540	6.207	7.490	9.584	1	2.816

CCV82 11/09/2011 05:13:28 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:14:35	90%	496.700	467.000	0.000	55410.000	54860.000	54750.000	54290.000	10620.000
2	05:15:44	91%	495.600	477.100	0.000	55350.000	54870.000	54880.000	54330.000	10700.000
3	05:16:51	92%	497.200	473.800	0.000	54990.000	54940.000	54880.000	54070.000	10660.000
x		91%	496.500	472.600	0.000	55250.000	54890.000	54840.000	54230.000	10660.000
σ		1%	0.823	5.177	0.000	228.000	43.060	75.990	139.100	42.570
%RSD		1	0.166	1.095	0.000	0.413	0.078	0.139	0.257	0.399

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:14:35	487.400	9909.000	0.000	0.000	27290.000	50900.000	49350.000	95%	478.800
2	05:15:44	503.600	9932.000	0.000	0.000	27440.000	51160.000	49450.000	96%	480.700
3	05:16:51	497.200	9934.000	0.000	0.000	27500.000	51190.000	49630.000	96%	484.400
x		496.100	9925.000	0.000	0.000	27410.000	51080.000	49480.000	96%	481.300
σ		8.171	13.740	0.000	0.000	106.500	160.500	144.900	0%	2.837
%RSD		1.647	0.138	0.000	0.000	0.389	0.314	0.293	0	0.589

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:14:35	498.000	497.000	25.250	26790.000	1064.000	26590.000	25390.000	504.800	497.300
2	05:15:44	499.500	499.500	24.250	27100.000	1078.000	26930.000	25480.000	505.100	503.500
3	05:16:51	499.400	504.600	23.170	27060.000	1069.000	27100.000	25640.000	505.200	506.700
x		499.000	500.300	24.220	26990.000	1070.000	26870.000	25500.000	505.100	502.500
σ		0.842	3.856	1.040	168.000	7.178	256.400	123.700	0.192	4.777
%RSD		0.169	0.771	4.292	0.623	0.671	0.954	0.485	0.038	0.951

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:14:35	999.400	993.100	1001.000	491.100	491.400	-0.166	495.300	490.600	3.209
2	05:15:44	1005.000	999.500	992.400	495.500	491.600	-0.257	498.400	490.500	2.012
3	05:16:51	1009.000	999.800	1007.000	497.800	501.700	-1.178	496.100	500.500	1.623
x		1005.000	997.500	1000.000	494.800	494.900	-0.534	496.600	493.800	2.281
σ		4.836	3.789	7.344	3.405	5.861	0.560	1.627	5.740	0.827
%RSD		0.481	0.380	0.734	0.688	1.184	104.900	0.328	1.162	36.230

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:14:35	483.400	475.100	475.300	476.500	479.000	0.007	93%	501.000	504.100
2	05:15:44	486.200	485.700	481.100	481.200	480.700	0.006	94%	502.900	502.100
3	05:16:51	484.300	486.700	482.700	490.100	487.700	0.003	95%	503.500	504.100
x		484.600	482.500	479.700	482.600	482.500	0.005	94%	502.500	503.400
σ		1.445	6.409	3.861	6.930	4.573	0.002	1%	1.339	1.170
%RSD		0.298	1.328	0.805	1.436	0.948	35.040	1	0.267	0.232

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:14:35	9.960	500.500	502.700	498.800	483.100	496.100	2477.000	2405.000	97%
2	05:15:44	8.727	502.600	502.100	498.900	484.900	497.300	2497.000	2405.000	98%
3	05:16:51	6.515	503.300	499.700	502.900	485.100	498.400	2515.000	2418.000	98%
x		8.401	502.100	501.500	500.200	484.400	497.200	2496.000	2409.000	97%
σ		1.745	1.433	1.594	2.321	1.107	1.132	19.140	7.545	0%
%RSD		20.780	0.286	0.318	0.464	0.229	0.228	0.767	0.313	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:14:35	96%	496.300	529.400	496.200	496.300	495.300	95%	525.800
2	05:15:44	97%	498.100	530.600	501.500	502.100	501.300	96%	523.900
3	05:16:51	97%	497.000	531.600	496.500	499.600	495.600	96%	522.300
x		97%	497.100	530.500	498.100	499.400	497.400	96%	524.000
σ		1%	0.924	1.071	2.978	2.901	3.409	0%	1.761
%RSD		1	0.186	0.202	0.598	0.581	0.685	0	0.336

CCB82 11/09/2011 05:21:22 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:22:30	92%	-0.293	9.515	0.000	23.150	0.253	0.236	-0.684	-0.255
2	05:23:38	91%	-0.125	5.074	0.000	24.120	1.636	0.591	1.812	-0.261
3	05:24:46	92%	-0.236	4.234	0.000	23.510	1.874	2.027	2.137	-0.124
x		92%	-0.218	6.274	0.000	23.600	1.254	0.951	1.088	-0.213
σ		1%	0.085	2.838	0.000	0.492	0.876	0.949	1.543	0.077
%RSD		1	39.000	45.230	0.000	2.086	69.810	99.740	141.800	36.170

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:22:30	-0.878	-0.264	0.000	0.000	46.670	-4.909	-0.773	95%	-0.117
2	05:23:38	1.641	3.445	0.000	0.000	40.680	-1.647	0.286	96%	-0.103
3	05:24:46	0.518	0.410	0.000	0.000	42.650	5.193	-6.079	96%	-0.102
x		0.427	1.197	0.000	0.000	43.330	-0.454	-2.188	96%	-0.107
σ		1.262	1.976	0.000	0.000	3.054	5.155	3.411	1%	0.009
%RSD		295.600	165.100	0.000	0.000	7.047	1135.000	155.900	1	7.968

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:22:30	-0.278	0.060	16.940	5.285	0.018	-6.014	-0.557	0.006	-0.041
2	05:23:38	-0.411	0.020	16.540	4.694	0.013	-6.510	0.438	0.011	-0.116
3	05:24:46	-0.255	0.022	15.980	3.899	0.050	-6.324	1.492	0.021	0.059
x		-0.315	0.034	16.490	4.626	0.027	-6.283	0.457	0.013	-0.033
σ		0.085	0.023	0.487	0.696	0.020	0.250	1.024	0.007	0.087
%RSD		26.950	67.950	2.953	15.040	73.940	3.986	223.900	58.710	268.900

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:22:30	-0.050	-0.068	0.019	0.070	0.690	0.124	1.241	0.687	-1.989
2	05:23:38	0.003	-0.006	0.072	-0.058	-0.045	0.129	1.002	-0.045	-0.470
3	05:24:46	0.032	-0.079	0.122	0.130	-0.127	0.101	0.591	-0.126	1.834
x		-0.005	-0.051	0.071	0.047	0.173	0.118	0.944	0.172	-0.208
σ		0.042	0.040	0.051	0.096	0.450	0.015	0.329	0.448	1.925
%RSD		833.700	77.560	72.160	202.400	260.400	12.600	34.830	260.500	923.900

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:22:30	1.159	1.057	1.096	1.164	1.093	0.000	96%	-0.735	0.020
2	05:23:38	0.744	0.805	0.734	0.780	0.760	0.002	96%	-0.411	0.023
3	05:24:46	0.641	0.589	0.597	0.559	0.567	0.000	95%	-0.063	0.035
x		0.848	0.817	0.809	0.834	0.806	0.001	96%	-0.403	0.026
σ		0.274	0.234	0.258	0.306	0.266	0.001	0%	0.336	0.008
%RSD		32.340	28.630	31.890	36.670	33.010	173.200	0	83.360	30.740

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:22:30	0.372	-0.734	0.019	-0.044	0.350	0.923	0.045	0.031	96%
2	05:23:38	0.220	-0.412	0.045	-0.008	0.303	0.627	0.086	0.067	96%
3	05:24:46	0.055	-0.063	0.044	0.024	0.216	0.477	0.127	0.075	95%
x		0.216	-0.403	0.036	-0.009	0.290	0.676	0.086	0.058	96%
σ		0.159	0.336	0.015	0.034	0.068	0.227	0.041	0.024	0%
%RSD		73.470	83.250	41.330	362.800	23.480	33.550	47.500	41.270	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:22:30	96%	-0.003	0.004	0.014	0.011	0.014	97%	0.029
2	05:23:38	95%	0.016	0.018	0.028	0.019	0.024	97%	0.029
3	05:24:46	95%	0.023	0.027	0.027	0.018	0.024	96%	0.029
x		95%	0.012	0.016	0.023	0.016	0.021	97%	0.029
σ		1%	0.013	0.012	0.008	0.004	0.006	1%	0.000
%RSD		1	109.900	70.470	34.910	28.190	27.900	1	0.641

PB58970BL 11/09/2011 05:29:16 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:30:25	89%	-0.229	3.872	0.000	31.830	0.798	-0.027	0.907	-0.089
2	05:31:32	90%	-0.209	3.302	0.000	27.850	0.515	0.990	0.833	-0.098
3	05:32:40	91%	-0.283	3.796	0.000	24.100	0.607	0.082	0.829	-0.124
x		90%	-0.240	3.657	0.000	27.930	0.640	0.348	0.856	-0.104
σ		1%	0.038	0.310	0.000	3.862	0.145	0.559	0.044	0.018
%RSD		1	15.880	8.467	0.000	13.830	22.590	160.300	5.145	17.240

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:30:25	1.163	1.837	0.000	0.000	46.890	-2.199	-3.395	94%	0.000
2	05:31:32	1.033	4.970	0.000	0.000	46.850	4.610	-4.796	94%	-0.149
3	05:32:40	0.481	0.785	0.000	0.000	41.830	0.235	-2.093	95%	0.014
x		0.893	2.530	0.000	0.000	45.190	0.882	-3.428	94%	-0.045
σ		0.362	2.177	0.000	0.000	2.909	3.450	1.351	1%	0.090
%RSD		40.590	86.040	0.000	0.000	6.437	391.200	39.430	1	199.900

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:30:25	-0.265	0.047	14.120	5.924	0.005	-6.223	-1.957	0.006	-0.081
2	05:31:32	-0.073	0.070	13.590	3.320	0.032	-6.601	-0.363	0.001	0.035
3	05:32:40	-0.170	0.062	13.210	2.851	0.014	-6.762	-2.152	0.006	-0.069
x		-0.169	0.060	13.640	4.032	0.017	-6.528	-1.491	0.004	-0.039
σ		0.096	0.012	0.459	1.656	0.014	0.277	0.981	0.003	0.064
%RSD		56.910	19.830	3.365	41.060	80.180	4.242	65.810	63.490	164.600

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:30:25	-0.010	-0.054	0.077	0.046	0.039	0.104	0.915	0.039	-0.165
2	05:31:32	-0.035	-0.098	-0.026	-0.108	0.099	0.115	1.067	0.099	0.099
3	05:32:40	-0.020	-0.092	0.076	-0.041	0.242	0.114	1.034	0.241	-0.777
x		-0.022	-0.081	0.042	-0.034	0.127	0.111	1.005	0.126	-0.281
σ		0.012	0.024	0.059	0.077	0.104	0.006	0.080	0.104	0.449
%RSD		57.750	28.960	140.600	226.000	82.400	5.771	7.958	82.360	159.900

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:30:25	0.220	0.208	0.239	0.300	0.198	0.002	94%	0.632	0.008
2	05:31:32	0.143	0.108	0.162	0.129	0.145	0.003	95%	-1.073	0.002
3	05:32:40	0.142	0.089	0.139	0.140	0.112	0.000	96%	-1.681	0.002
x		0.168	0.135	0.180	0.190	0.151	0.002	95%	-0.708	0.004
σ		0.044	0.064	0.052	0.096	0.043	0.002	1%	1.199	0.004
%RSD		26.390	47.360	28.940	50.650	28.670	99.530	1	169.500	88.830

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:30:25	-0.298	0.630	0.006	0.055	0.098	0.199	0.014	0.041	95%
2	05:31:32	0.508	-1.075	0.006	-0.049	0.075	0.194	0.032	0.013	96%
3	05:32:40	0.820	-1.682	0.005	-0.076	0.078	0.171	0.014	0.028	95%
x		0.344	-0.709	0.006	-0.023	0.084	0.188	0.020	0.028	95%
σ		0.577	1.198	0.001	0.069	0.013	0.015	0.010	0.014	1%
%RSD		167.900	169.100	9.022	299.900	15.020	8.030	51.570	50.170	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:30:25	95%	-0.005	-0.003	0.005	0.007	0.007	96%	0.005
2	05:31:32	96%	-0.005	-0.004	0.001	0.011	0.005	97%	0.004
3	05:32:40	96%	0.000	0.000	0.003	0.003	0.003	98%	0.004
x		95%	-0.003	-0.002	0.003	0.007	0.005	97%	0.005
σ		1%	0.003	0.002	0.002	0.004	0.002	1%	0.001
%RSD		1	91.820	95.310	80.210	53.610	35.190	1	16.610

PB59037BL 11/09/2011 05:37:11 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:38:19	90%	-0.208	1.756	0.000	31.460	-0.103	0.627	-0.574	-0.355
2	05:39:28	89%	-0.192	1.373	0.000	32.380	-0.248	-0.138	-0.504	-0.349
3	05:40:35	90%	-0.275	1.083	0.000	29.840	-0.385	0.380	-0.216	-0.423
x		90%	-0.225	1.404	0.000	31.230	-0.245	0.289	-0.431	-0.376
σ		0%	0.044	0.338	0.000	1.283	0.141	0.390	0.190	0.041
%RSD		1	19.580	24.060	0.000	4.108	57.350	134.800	43.930	10.940

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:38:19	-0.257	2.486	0.000	0.000	47.700	-3.090	-8.676	94%	-0.017
2	05:39:28	2.023	1.294	0.000	0.000	48.370	-1.322	-8.337	94%	-0.181
3	05:40:35	1.238	4.753	0.000	0.000	43.830	-3.971	-11.000	94%	-0.034
x		1.001	2.844	0.000	0.000	46.630	-2.794	-9.339	94%	-0.077
σ		1.158	1.757	0.000	0.000	2.453	1.349	1.451	0%	0.090
%RSD		115.700	61.770	0.000	0.000	5.260	48.260	15.540	0	116.800

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:38:19	-0.157	0.016	11.990	2.045	-0.003	-6.774	-2.192	0.007	0.036
2	05:39:28	0.106	0.030	11.610	5.264	-0.010	-6.738	0.113	0.010	-0.044
3	05:40:35	-0.342	0.047	11.910	2.359	0.018	-7.383	-0.443	0.010	-0.032
x		-0.131	0.031	11.840	3.223	0.002	-6.965	-0.841	0.009	-0.013
σ		0.225	0.016	0.198	1.775	0.015	0.363	1.203	0.002	0.043
%RSD		171.500	50.010	1.671	55.070	778.300	5.206	143.100	21.810	319.300

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:38:19	-0.034	-0.077	0.070	-0.177	0.182	0.127	1.239	0.181	-0.141
2	05:39:28	0.001	-0.062	0.119	0.061	0.038	0.086	1.375	0.038	1.091
3	05:40:35	-0.113	-0.035	0.023	0.098	-0.045	0.083	1.538	-0.045	1.575
x		-0.049	-0.058	0.071	-0.006	0.058	0.099	1.384	0.058	0.842
σ		0.058	0.021	0.048	0.149	0.115	0.024	0.150	0.114	0.885
%RSD		119.000	36.560	68.560	2540.000	197.100	24.820	10.810	197.100	105.100

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:38:19	0.107	0.047	0.056	0.049	0.052	0.000	95%	-0.653	0.004
2	05:39:28	0.103	0.068	0.014	0.042	0.053	0.000	95%	-0.240	0.003
3	05:40:35	0.040	0.040	0.047	0.038	0.016	0.002	95%	-1.207	0.003
x		0.083	0.051	0.039	0.043	0.040	0.001	95%	-0.700	0.004
σ		0.038	0.015	0.022	0.006	0.021	0.001	0%	0.486	0.000
%RSD		44.960	28.280	57.300	13.300	52.500	173.200	0	69.360	12.530

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:38:19	0.309	-0.653	0.001	-0.024	0.027	0.100	0.000	0.006	95%
2	05:39:28	0.140	-0.242	0.001	-0.009	0.043	0.075	0.005	0.011	96%
3	05:40:35	0.573	-1.211	0.001	-0.049	0.024	0.071	0.009	0.004	96%
x		0.340	-0.702	0.001	-0.027	0.031	0.082	0.005	0.007	96%
σ		0.218	0.486	0.000	0.020	0.010	0.016	0.005	0.004	0%
%RSD		64.060	69.270	0.909	73.320	32.010	19.440	91.850	54.820	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:38:19	96%	-0.011	-0.006	0.000	0.003	-0.001	97%	0.001
2	05:39:28	96%	-0.008	-0.003	0.000	-0.003	-0.000	97%	0.000
3	05:40:35	96%	-0.010	-0.007	-0.005	0.000	-0.002	97%	0.000
x		96%	-0.010	-0.005	-0.002	-0.000	-0.001	97%	0.001
σ		0%	0.001	0.002	0.003	0.003	0.001	0%	0.000
%RSD		0	14.460	38.130	182.200	1749.000	95.930	0	53.540

PB58970BS 11/09/2011 05:45:07 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:46:15	96%	183.300	280.600	0.000	3290.000	1951.000	1948.000	1960.000	2060.000
2	05:47:23	98%	182.600	277.300	0.000	3282.000	1964.000	1953.000	1955.000	2047.000
3	05:48:31	98%	184.200	278.800	0.000	3288.000	1951.000	1950.000	1970.000	2054.000
x		97%	183.400	278.900	0.000	3286.000	1955.000	1951.000	1961.000	2054.000
σ		1%	0.799	1.615	0.000	4.084	7.329	2.778	7.637	6.561
%RSD		1	0.436	0.579	0.000	0.124	0.375	0.142	0.389	0.320

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:46:15	912.000	5700.000	0.000	0.000	10910.000	1024.000	1022.000	92%	198.100
2	05:47:23	910.000	5658.000	0.000	0.000	10870.000	1046.000	1030.000	93%	203.700
3	05:48:31	919.700	5644.000	0.000	0.000	10880.000	1074.000	1024.000	94%	203.300
x		913.900	5667.000	0.000	0.000	10890.000	1048.000	1025.000	93%	201.700
σ		5.146	29.040	0.000	0.000	19.640	25.130	3.765	1%	3.151
%RSD		0.563	0.512	0.000	0.000	0.180	2.398	0.367	1	1.562

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:46:15	298.400	402.100	11.590	3142.000	203.900	3248.000	3029.000	202.000	512.800
2	05:47:23	299.300	403.600	13.620	3140.000	204.000	3278.000	3066.000	204.900	519.900
3	05:48:31	301.600	407.800	11.560	3142.000	205.000	3283.000	3073.000	205.200	517.500
x		299.800	404.500	12.260	3141.000	204.300	3270.000	3056.000	204.000	516.700
σ		1.621	2.930	1.179	1.361	0.588	19.050	23.220	1.797	3.629
%RSD		0.541	0.724	9.621	0.043	0.288	0.583	0.760	0.881	0.702

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:46:15	316.900	316.000	207.300	783.800	1958.000	-2.333	1943.000	1949.000	2.232
2	05:47:23	319.500	317.500	211.800	795.300	1978.000	-3.007	1987.000	1972.000	1.062
3	05:48:31	317.400	318.400	208.100	798.300	1983.000	-3.190	1987.000	1975.000	0.961
x		317.900	317.300	209.100	792.500	1973.000	-2.844	1972.000	1965.000	1.418
σ		1.358	1.183	2.420	7.679	12.910	0.451	25.540	14.290	0.707
%RSD		0.427	0.373	1.157	0.969	0.654	15.860	1.295	0.727	49.830

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:46:15	390.800	389.700	391.200	387.100	391.000	0.000	93%	199.700	75.670
2	05:47:23	401.300	403.000	398.700	399.500	401.000	0.003	92%	202.100	77.480
3	05:48:31	399.100	400.700	400.000	401.300	399.300	0.003	93%	203.600	78.090
x		397.100	397.800	396.600	396.000	397.100	0.002	93%	201.800	77.080
σ		5.542	7.108	4.783	7.709	5.342	0.002	1%	1.958	1.261
%RSD		1.396	1.787	1.206	1.947	1.345	86.610	1	0.970	1.636

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:46:15	3.958	199.700	76.010	204.100	706.800	786.200	200.300	194.400	95%
2	05:47:23	6.270	202.000	77.650	206.500	715.300	795.500	204.600	198.500	95%
3	05:48:31	5.431	203.600	77.550	206.400	722.200	794.700	202.500	196.700	95%
x		5.219	201.800	77.070	205.700	714.800	792.100	202.500	196.600	95%
σ		1.171	1.926	0.921	1.376	7.697	5.140	2.182	2.066	0%
%RSD		22.430	0.955	1.195	0.669	1.077	0.649	1.078	1.051	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:46:15	94%	2122.000	2131.000	1005.000	997.500	1036.000	96%	0.009
2	05:47:23	97%	2131.000	2127.000	1011.000	1007.000	1046.000	97%	0.009
3	05:48:31	96%	2151.000	2149.000	1008.000	1019.000	1044.000	97%	0.010
x		96%	2135.000	2135.000	1008.000	1008.000	1042.000	97%	0.009
σ		1%	14.720	11.640	3.079	10.830	5.512	0%	0.001
%RSD		1	0.690	0.545	0.305	1.074	0.529	0	6.158

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:54:11	101%	178.600	267.400	0.000	3181.000	1898.000	1893.000	1926.000	1992.000
2	05:55:19	98%	182.800	268.200	0.000	3347.000	1979.000	1980.000	2001.000	2076.000
3	05:56:27	97%	188.700	290.200	0.000	3445.000	2042.000	2062.000	2079.000	2155.000
x		98%	183.300	275.200	0.000	3325.000	1973.000	1978.000	2002.000	2074.000
σ		2%	5.078	12.920	0.000	133.400	72.040	84.650	76.600	81.310
%RSD		2	2.770	4.696	0.000	4.011	3.651	4.279	3.826	3.920

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:54:11	898.200	5487.000	0.000	0.000	10740.000	1084.000	1007.000	94%	197.400
2	05:55:19	923.700	5785.000	0.000	0.000	11130.000	1131.000	1028.000	94%	204.400
3	05:56:27	961.100	5975.000	0.000	0.000	11530.000	1149.000	1070.000	92%	214.200
x		927.700	5749.000	0.000	0.000	11140.000	1121.000	1035.000	93%	205.300
σ		31.620	246.400	0.000	0.000	394.400	33.670	32.070	1%	8.461
%RSD		3.409	4.286	0.000	0.000	3.542	3.003	3.098	1	4.121

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:54:11	294.900	396.700	10.830	3055.000	201.700	3197.000	3012.000	202.200	506.700
2	05:55:19	305.900	410.200	11.050	3171.000	208.000	3330.000	3094.000	208.400	517.800
3	05:56:27	318.100	427.700	11.820	3320.000	218.200	3453.000	3223.000	216.100	544.400
x		306.300	411.500	11.230	3182.000	209.300	3327.000	3110.000	208.900	523.000
σ		11.580	15.550	0.521	132.600	8.337	128.200	106.400	7.009	19.400
%RSD		3.780	3.779	4.638	4.166	3.984	3.855	3.422	3.355	3.709

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:54:11	310.600	310.500	204.300	778.700	1938.000	-3.065	1916.000	1928.000	1.514
2	05:55:19	319.100	321.800	212.200	805.200	1985.000	-3.633	1989.000	1975.000	0.950
3	05:56:27	336.400	332.000	220.900	837.800	2069.000	-2.687	2057.000	2059.000	1.667
x		322.000	321.400	212.500	807.300	1997.000	-3.128	1988.000	1988.000	1.377
σ		13.180	10.770	8.318	29.580	66.570	0.476	70.710	66.210	0.377
%RSD		4.093	3.352	3.915	3.665	3.333	15.210	3.557	3.331	27.410

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:54:11	385.600	386.500	383.100	383.200	380.000	0.000	95%	201.200	74.410
2	05:55:19	398.700	396.800	397.500	395.700	394.900	0.002	95%	202.900	76.670
3	05:56:27	416.700	417.100	417.400	415.300	417.600	0.000	93%	208.700	80.290
x		400.300	400.100	399.300	398.000	397.500	0.001	94%	204.300	77.120
σ		15.620	15.580	17.240	16.200	18.940	0.001	1%	3.904	2.969
%RSD		3.901	3.895	4.318	4.070	4.765	173.200	1	1.911	3.850

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:54:11	2.354	201.200	74.980	198.500	686.300	767.800	198.800	191.300	97%
2	05:55:19	3.882	202.900	76.010	203.900	704.500	794.600	201.600	197.100	97%
3	05:56:27	5.476	208.700	79.520	213.500	744.400	826.000	214.000	203.700	95%
x		3.904	204.300	76.840	205.300	711.800	796.100	204.800	197.400	96%
σ		1.561	3.902	2.381	7.613	29.730	29.090	8.115	6.188	1%
%RSD		39.990	1.910	3.099	3.708	4.177	3.653	3.962	3.135	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:54:11	97%	2090.000	2076.000	979.600	980.500	1015.000	99%	0.006
2	05:55:19	97%	2180.000	2164.000	1026.000	1023.000	1057.000	97%	0.006
3	05:56:27	95%	2242.000	2242.000	1071.000	1068.000	1100.000	95%	0.009
x		96%	2171.000	2161.000	1025.000	1024.000	1057.000	97%	0.007
σ		1%	76.710	83.160	45.580	43.760	42.880	2%	0.002
%RSD		1	3.534	3.849	4.446	4.274	4.055	2	24.080

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:02:07	86%	0.248	9.595	0.000	1753.000	785.900	794.200	791.100	87.200
2	06:03:15	88%	0.297	11.080	0.000	1723.000	784.200	778.600	787.200	85.480
3	06:04:23	87%	0.088	9.737	0.000	1713.000	774.700	780.600	775.400	83.560
x		87%	0.211	10.140	0.000	1730.000	781.600	784.500	784.600	85.410
σ		1%	0.109	0.822	0.000	21.110	6.012	8.450	8.129	1.825
%RSD		1	51.750	8.104	0.000	1.220	0.769	1.077	1.036	2.137

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:02:07	2085.000	332.300	0.000	0.000	879.900	8370.000	8239.000	91%	1.134
2	06:03:15	2054.000	335.400	0.000	0.000	889.100	8592.000	8282.000	89%	1.258
3	06:04:23	2038.000	323.900	0.000	0.000	882.700	8366.000	8255.000	89%	1.281
x		2059.000	330.500	0.000	0.000	883.900	8443.000	8259.000	90%	1.225
σ		23.450	5.946	0.000	0.000	4.697	129.700	21.410	1%	0.079
%RSD		1.139	1.799	0.000	0.000	0.531	1.536	0.259	1	6.460

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:02:07	-2.382	1.426	131.400	18.520	3.924	21.440	43.830	0.433	1.591
2	06:03:15	-2.905	1.673	146.000	18.930	4.202	22.540	42.230	0.462	1.506
3	06:04:23	-2.204	1.393	153.900	18.040	3.886	19.860	40.550	0.328	1.412
x		-2.497	1.497	143.700	18.490	4.004	21.280	42.200	0.408	1.503
σ		0.364	0.153	11.420	0.446	0.173	1.349	1.638	0.070	0.090
%RSD		14.600	10.230	7.944	2.413	4.311	6.339	3.882	17.200	5.966

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:02:07	64.770	64.850	185.200	1.995	4.571	0.825	5.337	4.557	1.531
2	06:03:15	65.810	65.100	185.100	1.464	4.318	1.025	4.611	4.298	1.196
3	06:04:23	65.220	64.430	188.300	1.622	2.947	0.945	3.472	2.934	0.876
x		65.270	64.790	186.200	1.694	3.945	0.932	4.473	3.930	1.201
σ		0.521	0.341	1.820	0.273	0.874	0.101	0.940	0.872	0.327
%RSD		0.798	0.527	0.978	16.110	22.150	10.790	21.010	22.180	27.240

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:02:07	1.974	1.928	1.838	1.974	1.909	0.005	90%	-0.501	0.200
2	06:03:15	1.716	1.602	1.663	1.565	1.635	0.008	90%	-0.917	0.159
3	06:04:23	1.235	1.090	1.308	1.240	1.198	0.002	89%	-0.128	0.116
x		1.642	1.540	1.603	1.593	1.581	0.005	90%	-0.515	0.158
σ		0.375	0.423	0.270	0.368	0.359	0.003	0%	0.395	0.042
%RSD		22.840	27.440	16.840	23.080	22.690	66.490	0	76.670	26.420

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:02:07	0.347	-0.508	0.202	0.343	2.797	1.581	19.370	18.620	93%
2	06:03:15	0.623	-0.922	0.170	0.331	2.665	1.625	19.940	18.420	92%
3	06:04:23	0.278	-0.133	0.128	0.299	2.222	1.199	18.750	18.080	92%
x		0.416	-0.521	0.167	0.324	2.561	1.469	19.350	18.370	92%
σ		0.182	0.395	0.037	0.023	0.301	0.235	0.591	0.277	1%
%RSD		43.850	75.790	22.220	7.011	11.770	15.970	3.055	1.507	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:02:07	93%	4.154	4.151	2.349	2.283	2.285	94%	0.018
2	06:03:15	92%	3.950	3.923	2.354	2.387	2.329	94%	0.025
3	06:04:23	92%	2.490	2.500	1.735	1.655	1.695	94%	0.015
x		92%	3.531	3.524	2.146	2.108	2.103	94%	0.019
σ		1%	0.907	0.895	0.356	0.396	0.354	0%	0.005
%RSD		1	25.700	25.380	16.580	18.790	16.850	0	24.920

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:10:03	86%	-0.173	8.324	0.000	1684.000	818.600	812.100	810.800	60.530
2	06:11:12	86%	-0.102	6.592	0.000	1679.000	810.900	804.100	814.600	59.920
3	06:12:20	86%	-0.216	9.226	0.000	1686.000	812.300	803.100	808.900	60.790
x		86%	-0.164	8.047	0.000	1683.000	813.900	806.400	811.400	60.420
σ		0%	0.058	1.339	0.000	3.539	4.068	4.944	2.907	0.444
%RSD		0	35.180	16.640	0.000	0.210	0.500	0.613	0.358	0.734

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:10:03	2058.000	300.700	0.000	0.000	867.200	9133.000	8930.000	89%	0.433
2	06:11:12	2036.000	291.400	0.000	0.000	866.600	9193.000	8994.000	89%	0.655
3	06:12:20	2051.000	306.200	0.000	0.000	874.500	9303.000	9060.000	88%	0.629
x		2048.000	299.400	0.000	0.000	869.400	9210.000	8995.000	89%	0.572
σ		11.340	7.491	0.000	0.000	4.354	86.460	65.290	0%	0.121
%RSD		0.553	2.502	0.000	0.000	0.501	0.939	0.726	1	21.220

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:10:03	-4.307	0.820	161.600	12.040	1.595	11.430	33.490	0.099	0.718
2	06:11:12	-4.038	0.691	171.100	10.150	1.445	10.540	30.900	0.073	0.644
3	06:12:20	-2.075	0.804	177.100	11.750	1.479	11.430	26.800	0.099	0.607
x		-3.473	0.772	169.900	11.310	1.506	11.140	30.400	0.090	0.656
σ		1.219	0.070	7.853	1.019	0.079	0.513	3.374	0.015	0.057
%RSD		35.080	9.122	4.622	9.010	5.233	4.604	11.100	16.430	8.614

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:10:03	81.600	80.870	220.000	0.278	0.723	1.092	1.551	0.720	0.011
2	06:11:12	80.380	80.280	221.200	-0.489	0.108	1.272	1.142	0.108	2.236
3	06:12:20	80.470	79.720	221.300	0.152	0.437	1.224	1.006	0.435	-0.271
x		80.810	80.290	220.800	-0.020	0.423	1.196	1.233	0.421	0.658
σ		0.679	0.579	0.702	0.411	0.307	0.093	0.284	0.306	1.373
%RSD		0.840	0.721	0.318	2084.000	72.710	7.796	23.010	72.750	208.600

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:10:03	0.538	0.396	0.399	0.357	0.421	0.005	89%	0.386	0.054
2	06:11:12	0.477	0.360	0.341	0.362	0.315	0.017	90%	-1.562	0.027
3	06:12:20	0.429	0.298	0.329	0.270	0.271	0.007	90%	-0.121	0.034
x		0.481	0.352	0.357	0.330	0.335	0.010	90%	-0.432	0.038
σ		0.054	0.049	0.037	0.052	0.077	0.006	0%	1.011	0.014
%RSD		11.320	13.980	10.510	15.690	22.970	66.610	0	233.900	36.950

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:10:03	-0.099	0.381	0.039	0.137	1.727	0.317	20.180	19.410	91%
2	06:11:12	0.767	-1.566	0.024	-0.001	1.593	0.179	19.680	19.640	91%
3	06:12:20	0.140	-0.125	0.027	0.070	1.692	0.244	20.730	19.180	92%
x		0.269	-0.437	0.030	0.069	1.671	0.247	20.200	19.410	91%
σ		0.447	1.010	0.008	0.069	0.070	0.069	0.526	0.230	0%
%RSD		166.300	231.300	25.410	99.730	4.163	27.920	2.606	1.184	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:10:03	92%	0.813	0.832	0.516	0.504	0.518	94%	0.007
2	06:11:12	91%	0.319	0.329	0.338	0.327	0.332	94%	0.006
3	06:12:20	92%	0.501	0.528	0.427	0.465	0.429	94%	0.010
x		92%	0.545	0.563	0.427	0.432	0.426	94%	0.007
σ		0%	0.250	0.253	0.089	0.093	0.093	0%	0.002
%RSD		0	45.840	44.950	20.850	21.530	21.770	0	27.470

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:18:00	86%	-0.125	8.645	0.000	1676.000	859.300	858.800	857.400	67.260
2	06:19:08	85%	-0.136	6.963	0.000	1665.000	860.000	856.400	859.800	66.750
3	06:20:16	83%	-0.130	8.935	0.000	1689.000	872.500	862.100	860.300	67.820
x		84%	-0.130	8.181	0.000	1677.000	863.900	859.100	859.200	67.280
σ		1%	0.005	1.065	0.000	12.130	7.433	2.876	1.576	0.534
%RSD		2	4.063	13.020	0.000	0.724	0.860	0.335	0.183	0.794

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:18:00	2051.000	322.800	0.000	0.000	939.100	10370.000	10090.000	88%	0.839
2	06:19:08	2016.000	313.300	0.000	0.000	925.800	10130.000	9926.000	89%	1.034
3	06:20:16	2058.000	324.000	0.000	0.000	934.900	10290.000	9931.000	89%	0.947
x		2042.000	320.100	0.000	0.000	933.300	10260.000	9983.000	89%	0.940
σ		22.520	5.856	0.000	0.000	6.832	123.000	93.970	1%	0.098
%RSD		1.103	1.830	0.000	0.000	0.732	1.199	0.941	1	10.400

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:18:00	-2.357	0.896	178.300	33.730	2.192	34.540	53.000	0.068	0.835
2	06:19:08	-4.824	0.999	190.800	33.510	2.215	33.060	49.500	0.098	1.018
3	06:20:16	-1.826	0.980	194.500	33.610	2.106	33.550	52.640	0.077	0.930
x		-3.002	0.958	187.900	33.620	2.171	33.720	51.710	0.081	0.928
σ		1.600	0.055	8.450	0.109	0.058	0.754	1.927	0.015	0.092
%RSD		53.290	5.698	4.498	0.325	2.649	2.235	3.727	18.680	9.884

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:18:00	55.840	56.850	259.100	-0.403	0.964	1.374	0.480	0.959	-0.373
2	06:19:08	55.420	55.590	258.300	0.408	0.394	1.333	0.446	0.392	0.257
3	06:20:16	54.950	54.880	255.200	0.176	0.152	1.365	0.449	0.152	0.608
x		55.400	55.770	257.500	0.060	0.503	1.357	0.458	0.501	0.164
σ		0.448	0.997	2.046	0.418	0.417	0.021	0.019	0.415	0.497
%RSD		0.809	1.787	0.794	694.400	82.820	1.562	4.047	82.740	303.100

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:18:00	0.618	0.181	0.238	0.238	0.161	0.005	90%	-0.214	0.030
2	06:19:08	0.524	0.214	0.229	0.213	0.178	0.005	89%	-0.810	0.031
3	06:20:16	0.612	0.151	0.268	0.195	0.189	0.005	90%	-0.004	0.035
x		0.585	0.182	0.245	0.215	0.176	0.005	89%	-0.343	0.032
σ		0.053	0.032	0.020	0.021	0.014	0.000	0%	0.418	0.003
%RSD		9.018	17.410	8.250	9.879	7.926	0.259	0	121.900	8.645

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:18:00	0.211	-0.219	0.021	0.027	0.504	0.116	21.230	21.180	91%
2	06:19:08	0.494	-0.816	0.030	-0.003	0.577	0.160	21.640	20.720	91%
3	06:20:16	0.112	-0.009	0.024	0.056	0.508	0.157	21.710	20.940	91%
x		0.272	-0.348	0.025	0.026	0.530	0.145	21.530	20.950	91%
σ		0.198	0.419	0.005	0.030	0.041	0.025	0.258	0.226	0%
%RSD		72.780	120.300	18.600	111.900	7.788	17.190	1.200	1.079	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:18:00	92%	0.265	0.283	0.790	0.823	0.800	92%	0.029
2	06:19:08	92%	0.349	0.352	0.905	0.834	0.842	94%	0.031
3	06:20:16	92%	0.298	0.277	0.834	0.786	0.809	94%	0.034
x		92%	0.304	0.304	0.843	0.814	0.817	94%	0.031
σ		0%	0.043	0.041	0.058	0.025	0.022	1%	0.002
%RSD		0	14.040	13.640	6.863	3.102	2.736	1	7.588

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:25:57	83%	-0.198	8.171	0.000	1742.000	811.400	810.000	806.200	67.170
2	06:27:05	84%	-0.233	7.490	0.000	1707.000	805.500	795.700	804.300	66.770
3	06:28:14	84%	-0.170	5.811	0.000	1703.000	805.000	798.600	807.400	67.060
x		83%	-0.200	7.157	0.000	1717.000	807.300	801.400	806.000	67.000
σ		1%	0.032	1.214	0.000	21.460	3.536	7.579	1.574	0.210
%RSD		1	15.750	16.970	0.000	1.250	0.438	0.946	0.195	0.314

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:25:57	2107.000	316.000	0.000	0.000	902.900	8647.000	8480.000	88%	0.795
2	06:27:05	2085.000	314.100	0.000	0.000	903.200	8646.000	8483.000	87%	0.868
3	06:28:14	2082.000	314.800	0.000	0.000	907.700	8608.000	8518.000	87%	0.815
x		2091.000	315.000	0.000	0.000	904.600	8634.000	8494.000	87%	0.826
σ		13.670	0.991	0.000	0.000	2.717	21.970	21.170	0%	0.037
%RSD		0.654	0.315	0.000	0.000	0.300	0.254	0.249	0	4.536

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:25:57	-3.885	1.494	189.600	13.070	1.470	13.650	25.520	0.051	0.932
2	06:27:05	-4.447	1.426	201.300	14.870	1.363	12.580	28.490	0.051	1.270
3	06:28:14	-2.165	1.509	205.700	15.180	1.376	12.850	28.250	0.043	1.080
x		-3.499	1.476	198.900	14.370	1.403	13.030	27.420	0.048	1.094
σ		1.189	0.044	8.320	1.140	0.059	0.556	1.652	0.005	0.169
%RSD		33.990	2.995	4.184	7.933	4.170	4.271	6.025	9.345	15.490

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:25:57	70.200	70.250	275.200	0.021	0.133	1.406	0.357	0.132	0.579
2	06:27:05	69.480	70.060	272.400	0.625	-0.021	1.371	0.262	-0.021	1.059
3	06:28:14	70.240	71.200	277.800	0.086	0.133	1.533	0.997	0.132	0.187
x		69.970	70.510	275.100	0.244	0.082	1.437	0.539	0.081	0.608
σ		0.426	0.611	2.709	0.332	0.089	0.085	0.400	0.089	0.437
%RSD		0.609	0.867	0.985	135.800	109.400	5.912	74.220	109.500	71.840

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:25:57	0.208	0.123	0.112	0.138	0.106	0.007	89%	-0.932	0.021
2	06:27:05	0.250	0.105	0.133	0.124	0.141	0.003	90%	-0.094	0.025
3	06:28:14	0.246	0.098	0.129	0.159	0.075	0.007	89%	-1.280	0.014
x		0.235	0.109	0.125	0.140	0.108	0.006	89%	-0.769	0.020
σ		0.023	0.013	0.011	0.017	0.033	0.002	0%	0.610	0.006
%RSD		9.830	11.700	9.168	12.390	30.990	34.830	0	79.290	29.030

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:25:57	0.497	-0.937	0.025	-0.015	0.133	0.070	18.580	17.910	91%
2	06:27:05	0.074	-0.099	0.007	0.020	0.148	0.073	17.980	17.580	92%
3	06:28:14	0.770	-1.285	0.017	-0.051	0.117	0.062	18.600	18.020	92%
x		0.447	-0.774	0.016	-0.015	0.133	0.068	18.390	17.840	91%
σ		0.351	0.610	0.009	0.036	0.016	0.006	0.353	0.231	0%
%RSD		78.470	78.780	55.800	232.700	11.960	8.104	1.920	1.296	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:25:57	92%	0.120	0.138	0.458	0.450	0.442	95%	0.013
2	06:27:05	91%	0.098	0.101	0.476	0.440	0.454	93%	0.013
3	06:28:14	92%	0.076	0.086	0.443	0.440	0.431	93%	0.013
x		92%	0.098	0.108	0.459	0.443	0.442	94%	0.013
σ		0%	0.022	0.027	0.017	0.006	0.011	1%	0.000
%RSD		0	22.330	24.650	3.610	1.303	2.543	1	2.614

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:33:55	84%	-0.141	5.759	0.000	1663.000	849.900	833.900	850.200	81.140
2	06:35:04	83%	-0.256	7.095	0.000	1650.000	840.400	837.600	827.700	79.910
3	06:36:12	84%	-0.171	4.941	0.000	1654.000	845.100	836.300	831.800	80.850
x		84%	-0.189	5.932	0.000	1656.000	845.100	835.900	836.600	80.630
σ		0%	0.059	1.087	0.000	6.996	4.725	1.855	11.980	0.644
%RSD		1	31.260	18.330	0.000	0.423	0.559	0.222	1.432	0.799

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:33:55	2054.000	330.500	0.000	0.000	904.000	10370.000	9975.000	88%	0.970
2	06:35:04	2038.000	336.100	0.000	0.000	891.300	10150.000	9881.000	88%	0.891
3	06:36:12	2068.000	339.400	0.000	0.000	912.000	10200.000	10020.000	87%	0.749
x		2053.000	335.300	0.000	0.000	902.400	10240.000	9959.000	88%	0.870
σ		15.090	4.474	0.000	0.000	10.400	117.500	71.620	1%	0.112
%RSD		0.735	1.334	0.000	0.000	1.152	1.147	0.719	1	12.880

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:33:55	-3.594	0.870	202.900	50.180	2.158	50.120	69.740	0.043	5.123
2	06:35:04	-2.247	1.008	212.300	47.850	2.133	49.120	63.960	0.041	5.150
3	06:36:12	-5.707	0.885	223.500	47.310	2.111	50.520	68.030	0.051	5.003
x		-3.849	0.921	212.900	48.450	2.134	49.920	67.240	0.045	5.092
σ		1.744	0.076	10.300	1.522	0.023	0.718	2.966	0.005	0.078
%RSD		45.310	8.210	4.837	3.142	1.090	1.437	4.411	11.510	1.536

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:33:55	45.780	45.520	191.900	0.640	0.420	1.364	0.412	0.418	0.452
2	06:35:04	45.080	46.620	191.800	-0.118	0.420	1.572	0.604	0.418	-1.855
3	06:36:12	46.020	46.390	192.000	0.095	-0.265	1.563	-0.186	-0.264	1.019
x		45.630	46.180	191.900	0.206	0.191	1.499	0.277	0.191	-0.128
σ		0.488	0.580	0.114	0.391	0.396	0.118	0.412	0.394	1.522
%RSD		1.070	1.255	0.059	190.100	206.600	7.834	148.900	206.500	1187.000

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:33:55	0.522	0.046	0.069	0.129	0.065	0.005	89%	-1.471	0.006
2	06:35:04	0.402	0.055	0.095	0.087	0.072	0.005	89%	-1.157	0.015
3	06:36:12	0.651	0.031	0.054	0.096	0.053	0.005	89%	-1.198	0.006
x		0.525	0.044	0.073	0.104	0.063	0.005	89%	-1.275	0.009
σ		0.124	0.012	0.020	0.022	0.010	0.000	0%	0.171	0.005
%RSD		23.680	28.080	27.960	21.210	15.690	0.247	0	13.380	59.070

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:33:55	0.725	-1.475	0.009	-0.057	0.090	0.049	20.260	19.820	91%
2	06:35:04	0.577	-1.162	0.012	-0.008	0.070	0.045	20.040	19.610	91%
3	06:36:12	0.623	-1.203	0.004	-0.043	0.098	0.031	21.020	19.660	91%
x		0.642	-1.280	0.009	-0.036	0.086	0.042	20.440	19.700	91%
σ		0.076	0.170	0.004	0.025	0.015	0.009	0.512	0.107	0%
%RSD		11.780	13.290	47.990	69.660	17.200	22.080	2.506	0.542	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:33:55	92%	0.047	0.031	0.452	0.444	0.452	94%	0.035
2	06:35:04	91%	0.008	0.018	0.465	0.474	0.452	94%	0.035
3	06:36:12	91%	0.001	0.011	0.490	0.394	0.437	94%	0.029
x		92%	0.019	0.020	0.469	0.437	0.447	94%	0.033
σ		0%	0.025	0.010	0.019	0.040	0.008	0%	0.003
%RSD		0	131.000	50.950	4.139	9.151	1.850	0	10.560

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:41:54	81%	-0.202	4.974	0.000	2957.000	868.900	873.100	863.000	74.060
2	06:43:02	82%	-0.157	6.346	0.000	2940.000	881.200	866.200	860.100	73.650
3	06:44:10	81%	-0.168	4.865	0.000	2956.000	874.500	871.100	875.400	74.220
x		82%	-0.176	5.395	0.000	2951.000	874.900	870.100	866.200	73.980
σ		1%	0.023	0.826	0.000	9.292	6.166	3.527	8.128	0.294
%RSD		1	13.310	15.300	0.000	0.315	0.705	0.405	0.938	0.398

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:41:54	2191.000	322.100	0.000	0.000	941.300	9270.000	9061.000	88%	0.477
2	06:43:02	2182.000	326.300	0.000	0.000	940.300	9455.000	9143.000	87%	0.798
3	06:44:10	2203.000	323.200	0.000	0.000	936.000	9425.000	9080.000	88%	0.653
x		2192.000	323.900	0.000	0.000	939.200	9384.000	9095.000	87%	0.643
σ		10.470	2.171	0.000	0.000	2.776	99.210	43.310	0%	0.161
%RSD		0.478	0.670	0.000	0.000	0.296	1.057	0.476	0	25.000

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:41:54	-4.407	0.771	214.100	39.380	2.207	36.940	52.470	0.042	1.362
2	06:43:02	-3.111	0.899	225.100	38.640	2.237	37.570	49.170	0.058	1.131
3	06:44:10	-3.251	0.894	230.800	36.790	2.262	37.330	50.040	0.038	1.309
x		-3.590	0.855	223.300	38.270	2.236	37.280	50.560	0.046	1.267
σ		0.712	0.073	8.522	1.334	0.028	0.318	1.713	0.011	0.121
%RSD		19.820	8.507	3.816	3.487	1.233	0.854	3.387	22.930	9.569

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:41:54	115.900	115.500	205.800	-0.804	0.001	1.662	0.120	0.001	-0.258
2	06:43:02	116.300	116.400	203.600	0.199	0.423	1.625	1.325	0.421	-1.425
3	06:44:10	115.500	116.500	202.800	-0.507	0.466	1.811	0.642	0.464	1.789
x		115.900	116.100	204.100	-0.371	0.297	1.699	0.696	0.296	0.035
σ		0.419	0.533	1.538	0.515	0.257	0.098	0.604	0.256	1.627
%RSD		0.361	0.459	0.754	139.000	86.520	5.796	86.850	86.520	4621.000

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:41:54	0.138	0.031	0.030	0.041	0.017	0.009	88%	-0.578	0.007
2	06:43:02	0.074	0.045	0.034	0.088	0.015	0.010	88%	-1.016	0.009
3	06:44:10	0.099	0.020	0.019	0.080	0.035	0.000	88%	-0.466	0.005
x		0.104	0.032	0.028	0.070	0.022	0.006	88%	-0.686	0.007
σ		0.032	0.012	0.008	0.025	0.011	0.006	0%	0.291	0.002
%RSD		30.930	38.940	28.030	35.810	49.780	87.650	0	42.330	32.000

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:41:54	0.358	-0.584	0.008	0.019	0.373	0.044	20.460	19.980	91%
2	06:43:02	0.484	-1.024	0.013	-0.009	0.371	0.052	20.410	19.770	92%
3	06:44:10	0.279	-0.474	0.011	0.016	0.354	0.050	20.640	20.240	92%
x		0.374	-0.694	0.010	0.009	0.366	0.049	20.500	19.990	92%
σ		0.104	0.291	0.002	0.016	0.010	0.004	0.124	0.234	1%
%RSD		27.720	41.920	21.820	181.900	2.802	7.766	0.604	1.172	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:41:54	91%	0.010	0.010	0.485	0.477	0.484	93%	0.004
2	06:43:02	92%	0.013	0.012	0.483	0.464	0.477	93%	0.004
3	06:44:10	91%	0.001	0.013	0.459	0.454	0.473	93%	0.004
x		91%	0.008	0.012	0.475	0.465	0.478	93%	0.004
σ		0%	0.006	0.001	0.014	0.012	0.006	0%	0.000
%RSD		0	79.040	10.410	3.032	2.483	1.187	0	6.271

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:49:50	80%	498.000	479.700	0.000	56330.000	54540.000	53870.000	53360.000	10630.000
2	06:50:58	81%	506.100	522.600	0.000	56960.000	55270.000	54940.000	54360.000	10780.000
3	06:52:06	81%	505.400	488.900	0.000	56540.000	54870.000	54280.000	53700.000	10780.000
x		81%	503.200	497.100	0.000	56610.000	54900.000	54370.000	53810.000	10730.000
σ		0%	4.500	22.590	0.000	316.000	366.300	537.900	512.500	90.510
%RSD		0	0.894	4.545	0.000	0.558	0.667	0.989	0.953	0.844

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:49:50	497.700	10160.000	0.000	0.000	27340.000	50920.000	49130.000	87%	498.300
2	06:50:58	508.800	10200.000	0.000	0.000	27510.000	50800.000	49070.000	88%	499.500
3	06:52:06	511.900	10280.000	0.000	0.000	27640.000	50460.000	49050.000	88%	492.400
x		506.100	10220.000	0.000	0.000	27500.000	50730.000	49080.000	88%	496.700
σ		7.468	59.360	0.000	0.000	148.300	239.800	41.600	1%	3.794
%RSD		1.476	0.581	0.000	0.000	0.539	0.473	0.085	1	0.764

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:49:50	503.600	503.100	78.400	27080.000	1005.000	26950.000	25570.000	506.100	501.000
2	06:50:58	499.400	502.700	78.990	27230.000	1078.000	27310.000	25910.000	508.800	513.800
3	06:52:06	498.100	500.400	74.530	27220.000	1015.000	27270.000	25780.000	507.300	507.900
x		500.300	502.000	77.300	27180.000	1032.000	27180.000	25750.000	507.400	507.600
σ		2.855	1.463	2.421	81.740	39.430	200.200	175.500	1.355	6.415
%RSD		0.571	0.291	3.132	0.301	3.819	0.737	0.681	0.267	1.264

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:49:50	1013.000	1008.000	1005.000	493.800	487.100	-0.113	495.200	485.300	0.880
2	06:50:58	1019.000	1020.000	1025.000	496.400	491.000	-0.196	492.300	489.600	0.575
3	06:52:06	1016.000	1018.000	1026.000	499.000	492.900	-0.168	500.200	491.600	1.191
x		1016.000	1015.000	1019.000	496.400	490.300	-0.159	495.900	488.800	0.882
σ		2.839	6.488	12.090	2.629	2.968	0.042	4.013	3.194	0.308
%RSD		0.280	0.639	1.187	0.530	0.605	26.660	0.809	0.654	34.940

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:49:50	495.800	492.800	496.400	495.100	495.200	0.011	87%	492.300	500.200
2	06:50:58	509.400	503.200	502.500	503.200	501.200	0.018	87%	498.000	505.500
3	06:52:06	504.300	504.200	505.900	508.800	508.000	0.010	87%	512.600	504.200
x		503.200	500.100	501.600	502.400	501.500	0.013	87%	501.000	503.300
σ		6.848	6.328	4.790	6.858	6.401	0.004	0%	10.460	2.787
%RSD		1.361	1.266	0.955	1.365	1.277	31.520	0	2.088	0.554

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:49:50	11.550	491.700	504.100	500.600	500.100	495.100	2474.000	2403.000	91%
2	06:50:58	10.180	497.500	507.900	503.600	506.000	504.600	2504.000	2430.000	91%
3	06:52:06	7.525	512.100	507.300	507.000	504.600	504.800	2534.000	2427.000	91%
x		9.753	500.400	506.500	503.700	503.600	501.500	2504.000	2420.000	91%
σ		2.048	10.480	2.029	3.202	3.117	5.558	30.080	14.410	0%
%RSD		21.000	2.094	0.401	0.636	0.619	1.108	1.201	0.595	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:49:50	91%	498.100	530.500	501.600	501.600	500.200	91%	541.400
2	06:50:58	91%	496.900	535.100	505.500	500.900	503.200	91%	545.000
3	06:52:06	92%	499.100	535.100	503.700	501.200	501.800	92%	545.200
x		91%	498.000	533.600	503.600	501.200	501.700	91%	543.900
σ		1%	1.145	2.678	1.949	0.374	1.533	0%	2.148
%RSD		1	0.230	0.502	0.387	0.075	0.305	0	0.395

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:57:45	84%	-0.134	7.564	0.000	32.360	2.062	2.215	1.594	0.044
2	06:58:53	82%	-0.086	6.911	0.000	40.640	0.765	1.801	0.776	-0.222
3	07:00:01	85%	-0.136	5.577	0.000	32.460	0.872	1.031	0.332	-0.109
x		84%	-0.119	6.684	0.000	35.150	1.233	1.682	0.900	-0.095
σ		1%	0.028	1.012	0.000	4.750	0.720	0.601	0.640	0.134
%RSD		2	23.860	15.150	0.000	13.510	58.410	35.730	71.130	139.900

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:57:45	0.578	2.220	0.000	0.000	62.050	-3.372	6.965	89%	-0.091
2	06:58:53	1.436	0.510	0.000	0.000	57.540	0.283	0.134	89%	-0.039
3	07:00:01	0.782	-4.428	0.000	0.000	59.130	-6.137	0.647	89%	-0.023
x		0.932	-0.566	0.000	0.000	59.570	-3.075	2.582	89%	-0.051
σ		0.448	3.452	0.000	0.000	2.285	3.221	3.804	0%	0.036
%RSD		48.110	610.000	0.000	0.000	3.835	104.700	147.300	0	70.260

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:57:45	0.225	0.127	52.040	6.374	0.031	-6.608	-3.884	0.023	0.095
2	06:58:53	-0.848	0.105	51.300	5.283	0.040	-7.157	-5.224	0.013	0.118
3	07:00:01	0.313	0.180	47.250	4.309	0.040	-7.454	-6.300	0.004	0.012
x		-0.103	0.138	50.200	5.322	0.037	-7.073	-5.136	0.013	0.075
σ		0.646	0.039	2.582	1.033	0.005	0.429	1.210	0.010	0.056
%RSD		625.400	28.060	5.144	19.410	14.700	6.069	23.560	73.940	74.910

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:57:45	0.054	-0.007	0.063	0.199	-0.391	0.435	0.405	-0.389	1.804
2	06:58:53	-0.016	-0.031	0.156	0.312	0.065	0.401	1.275	0.065	0.225
3	07:00:01	-0.053	-0.077	0.111	0.298	0.107	0.379	0.610	0.106	0.363
x		-0.005	-0.038	0.110	0.270	-0.073	0.405	0.764	-0.072	0.797
σ		0.054	0.036	0.047	0.062	0.276	0.028	0.455	0.275	0.875
%RSD		1044.000	92.500	42.510	22.980	379.400	6.928	59.570	379.200	109.700

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:57:45	1.339	1.020	1.240	1.163	1.133	0.000	91%	-1.686	0.029
2	06:58:53	0.908	0.831	0.729	0.783	0.823	0.005	90%	-0.560	0.033
3	07:00:01	0.675	0.535	0.608	0.562	0.622	0.005	91%	-0.946	0.020
x		0.974	0.795	0.859	0.836	0.859	0.003	91%	-1.064	0.027
σ		0.337	0.245	0.336	0.303	0.257	0.003	1%	0.572	0.006
%RSD		34.580	30.780	39.100	36.300	29.960	86.610	1	53.750	23.940

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:57:45	0.826	-1.690	0.040	-0.061	0.318	0.782	0.067	0.132	93%
2	06:58:53	0.268	-0.567	0.034	-0.016	0.242	0.593	0.015	0.027	93%
3	07:00:01	0.448	-0.948	0.034	-0.035	0.220	0.464	0.015	0.017	92%
x		0.514	-1.069	0.036	-0.037	0.260	0.613	0.032	0.059	93%
σ		0.285	0.571	0.003	0.023	0.052	0.160	0.030	0.064	0%
%RSD		55.330	53.430	9.225	61.350	19.890	26.060	92.930	108.700	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:57:45	92%	0.078	0.067	0.017	0.020	0.022	95%	0.039
2	06:58:53	92%	0.051	0.054	0.019	0.012	0.015	95%	0.018
3	07:00:01	93%	0.043	0.039	0.015	0.021	0.016	95%	0.015
x		93%	0.057	0.053	0.017	0.018	0.018	95%	0.024
σ		1%	0.018	0.014	0.002	0.005	0.004	0%	0.013
%RSD		1	32.160	26.430	11.280	26.970	20.260	0	55.070

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:05:40	81%	-0.240	7.923	0.000	1716.000	796.400	785.900	799.300	77.500
2	07:06:48	81%	-0.258	8.313	0.000	1688.000	791.000	782.300	776.200	75.790
3	07:07:57	82%	-0.124	7.671	0.000	1640.000	774.800	767.600	773.500	73.990
x		81%	-0.207	7.969	0.000	1681.000	787.400	778.600	783.000	75.760
σ		0%	0.073	0.323	0.000	38.680	11.260	9.695	14.210	1.755
%RSD		1	35.130	4.057	0.000	2.301	1.430	1.245	1.815	2.317

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:05:40	2070.000	335.100	0.000	0.000	883.300	8679.000	8420.000	86%	0.726
2	07:06:48	2059.000	326.100	0.000	0.000	873.900	8346.000	8345.000	86%	0.765
3	07:07:57	1985.000	321.200	0.000	0.000	851.200	8278.000	8107.000	87%	0.711
x		2038.000	327.500	0.000	0.000	869.500	8434.000	8291.000	86%	0.734
σ		46.200	7.053	0.000	0.000	16.510	214.900	163.600	1%	0.028
%RSD		2.267	2.154	0.000	0.000	1.899	2.547	1.974	1	3.823

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:05:40	-1.902	0.685	164.200	16.960	1.757	17.440	36.170	0.073	0.824
2	07:06:48	-2.918	0.763	184.000	20.290	1.706	17.710	28.740	0.050	0.749
3	07:07:57	-2.961	0.728	189.200	17.920	1.713	16.380	28.760	0.078	0.807
x		-2.594	0.725	179.100	18.390	1.725	17.170	31.220	0.067	0.793
σ		0.600	0.039	13.200	1.711	0.028	0.702	4.283	0.015	0.039
%RSD		23.110	5.359	7.370	9.307	1.624	4.086	13.720	22.150	4.976

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:05:40	236.500	236.200	178.200	0.363	-0.043	1.103	-0.482	-0.043	1.788
2	07:06:48	237.300	235.100	175.500	0.749	0.273	1.118	0.975	0.271	1.162
3	07:07:57	231.100	232.400	173.900	0.323	0.335	1.272	-0.063	0.334	0.147
x		235.000	234.600	175.900	0.479	0.188	1.165	0.143	0.187	1.032
σ		3.387	1.985	2.163	0.235	0.203	0.093	0.750	0.202	0.828
%RSD		1.442	0.846	1.230	49.120	107.700	7.996	523.100	107.800	80.250

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:05:40	0.312	0.298	0.315	0.292	0.280	0.002	87%	-2.287	0.086
2	07:06:48	0.293	0.243	0.213	0.263	0.237	0.005	87%	-0.018	0.059
3	07:07:57	0.289	0.210	0.208	0.217	0.192	0.009	88%	-0.953	0.064
x		0.298	0.250	0.245	0.258	0.236	0.005	88%	-1.086	0.069
σ		0.012	0.044	0.060	0.038	0.044	0.003	0%	1.140	0.014
%RSD		4.007	17.700	24.580	14.700	18.750	66.340	0	105.000	20.480

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:05:40	1.139	-2.293	0.099	-0.009	0.258	0.271	17.880	17.240	91%
2	07:06:48	0.094	-0.025	0.066	0.074	0.221	0.236	17.510	17.760	90%
3	07:07:57	0.563	-0.959	0.080	-0.010	0.193	0.242	18.170	17.210	91%
x		0.599	-1.092	0.082	0.018	0.224	0.250	17.850	17.400	90%
σ		0.523	1.140	0.016	0.048	0.033	0.019	0.334	0.308	0%
%RSD		87.390	104.400	20.160	264.900	14.660	7.491	1.870	1.772	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:05:40	91%	0.390	0.353	0.225	0.231	0.217	93%	0.054
2	07:06:48	91%	0.209	0.210	0.198	0.181	0.200	92%	0.052
3	07:07:57	91%	0.165	0.171	0.221	0.213	0.204	93%	0.057
x		91%	0.255	0.245	0.215	0.208	0.207	93%	0.054
σ		0%	0.119	0.096	0.015	0.025	0.009	1%	0.002
%RSD		0	46.820	39.300	6.865	12.200	4.343	1	4.141

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:13:36	81%	-0.087	7.352	0.000	1650.000	778.600	776.900	764.400	75.960
2	07:14:44	80%	-0.101	7.976	0.000	1656.000	780.300	773.600	770.500	75.420
3	07:15:52	80%	-0.214	7.416	0.000	1655.000	786.000	770.100	774.700	76.110
x		81%	-0.134	7.581	0.000	1654.000	781.600	773.500	769.900	75.830
σ		0%	0.070	0.343	0.000	3.118	3.837	3.426	5.175	0.360
%RSD		0	51.970	4.526	0.000	0.189	0.491	0.443	0.672	0.474

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:13:36	2000.000	309.300	0.000	0.000	864.200	8385.000	8075.000	86%	0.434
2	07:14:44	2017.000	328.500	0.000	0.000	871.900	8422.000	8133.000	86%	0.617
3	07:15:52	2000.000	321.900	0.000	0.000	865.100	8316.000	8082.000	86%	0.597
x		2006.000	319.900	0.000	0.000	867.100	8374.000	8097.000	86%	0.549
σ		9.934	9.801	0.000	0.000	4.183	53.990	31.770	0%	0.100
%RSD		0.495	3.064	0.000	0.000	0.483	0.645	0.392	0	18.250

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:13:36	-3.865	0.785	196.300	18.980	1.701	18.790	28.780	0.066	0.537
2	07:14:44	-3.515	0.846	210.000	16.030	1.676	17.750	26.660	0.053	0.723
3	07:15:52	-3.621	0.844	216.400	17.180	1.641	18.450	30.730	0.041	0.683
x		-3.667	0.825	207.600	17.400	1.673	18.330	28.720	0.053	0.648
σ		0.179	0.034	10.270	1.488	0.030	0.528	2.038	0.012	0.098
%RSD		4.890	4.155	4.946	8.552	1.808	2.878	7.097	22.600	15.120

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:13:36	233.800	234.500	175.800	0.523	0.249	1.327	0.823	0.248	0.885
2	07:14:44	233.500	232.800	173.800	0.854	-0.382	1.353	0.434	-0.380	2.507
3	07:15:52	231.800	233.900	173.600	0.972	-0.111	1.398	0.412	-0.110	1.682
x		233.000	233.700	174.400	0.783	-0.081	1.359	0.556	-0.081	1.692
σ		1.084	0.877	1.219	0.233	0.317	0.036	0.231	0.315	0.811
%RSD		0.465	0.375	0.699	29.750	390.500	2.638	41.540	390.400	47.940

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:13:36	0.180	0.113	0.110	0.099	0.127	0.009	87%	-1.457	0.035
2	07:14:44	0.196	0.077	0.080	0.148	0.114	0.005	87%	-0.274	0.031
3	07:15:52	0.146	0.093	0.051	0.160	0.061	0.004	87%	-1.283	0.028
x		0.174	0.095	0.081	0.135	0.101	0.006	87%	-1.004	0.031
σ		0.026	0.018	0.030	0.032	0.035	0.003	0%	0.639	0.003
%RSD		14.810	18.750	36.610	23.820	34.460	45.660	0	63.610	9.986

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:13:36	0.720	-1.463	0.029	-0.023	0.114	0.138	17.360	16.820	90%
2	07:14:44	0.189	-0.283	0.038	0.004	0.113	0.147	16.590	16.670	90%
3	07:15:52	0.638	-1.290	0.035	-0.029	0.128	0.133	17.010	17.130	90%
x		0.516	-1.012	0.034	-0.016	0.118	0.139	16.990	16.870	90%
σ		0.286	0.638	0.004	0.018	0.009	0.007	0.384	0.231	0%
%RSD		55.390	62.990	12.670	112.800	7.278	4.877	2.260	1.368	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:13:36	90%	0.082	0.086	0.210	0.204	0.196	93%	0.027
2	07:14:44	91%	0.070	0.064	0.208	0.197	0.195	93%	0.028
3	07:15:52	90%	0.056	0.057	0.209	0.180	0.193	93%	0.026
x		90%	0.069	0.069	0.209	0.194	0.195	93%	0.027
σ		1%	0.013	0.015	0.001	0.013	0.002	0%	0.001
%RSD		1	19.110	21.850	0.601	6.484	0.777	0	3.139

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:21:31	79%	-0.046	1.746	0.000	371.500	159.200	153.000	154.900	15.420
2	07:22:40	81%	-0.234	2.098	0.000	363.000	156.200	157.800	153.800	15.070
3	07:23:48	80%	-0.171	3.344	0.000	371.200	157.500	155.000	156.200	14.920
x		80%	-0.150	2.396	0.000	368.600	157.600	155.300	155.000	15.140
σ		1%	0.096	0.840	0.000	4.793	1.478	2.435	1.163	0.261
%RSD		1	63.660	35.040	0.000	1.300	0.938	1.568	0.750	1.724

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:21:31	405.500	59.020	0.000	0.000	241.700	1715.000	1649.000	86%	-0.015
2	07:22:40	406.600	62.140	0.000	0.000	237.100	1664.000	1667.000	86%	0.058
3	07:23:48	401.700	65.030	0.000	0.000	235.800	1724.000	1638.000	86%	0.075
x		404.600	62.060	0.000	0.000	238.200	1701.000	1651.000	86%	0.039
σ		2.560	3.005	0.000	0.000	3.123	32.060	14.690	0%	0.048
%RSD		0.633	4.843	0.000	0.000	1.311	1.885	0.890	0	121.400

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:21:31	-1.060	0.360	95.520	8.881	3.188	2.112	-3.408	0.007	0.231
2	07:22:40	-1.252	0.359	93.970	10.960	3.139	3.185	0.053	0.010	0.206
3	07:23:48	-0.519	0.427	90.480	8.957	3.268	2.325	-1.698	0.013	0.220
x		-0.944	0.382	93.320	9.599	3.198	2.540	-1.684	0.010	0.219
σ		0.380	0.039	2.584	1.178	0.065	0.568	1.731	0.003	0.013
%RSD		40.270	10.180	2.769	12.280	2.034	22.360	102.800	29.940	5.708

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:21:31	47.470	47.090	34.380	-0.090	-0.110	0.804	0.704	-0.109	-0.386
2	07:22:40	47.400	46.760	35.140	0.353	-0.468	0.719	0.433	-0.465	2.759
3	07:23:48	47.340	46.420	34.370	0.542	-0.132	0.657	-0.013	-0.131	-0.314
x		47.410	46.760	34.630	0.269	-0.236	0.727	0.375	-0.235	0.686
σ		0.066	0.339	0.444	0.324	0.201	0.074	0.362	0.200	1.795
%RSD		0.140	0.724	1.282	120.700	84.900	10.150	96.650	84.880	261.600

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:21:31	0.123	0.025	0.032	0.049	0.026	0.009	89%	-0.783	0.427
2	07:22:40	0.104	0.042	0.075	0.033	0.023	0.005	88%	-0.510	0.412
3	07:23:48	0.135	0.019	0.033	0.082	0.038	0.002	90%	-1.051	0.404
x		0.121	0.029	0.047	0.055	0.029	0.005	89%	-0.781	0.415
σ		0.016	0.012	0.025	0.025	0.008	0.003	1%	0.271	0.011
%RSD		12.920	41.740	52.830	45.890	27.410	66.830	1	34.660	2.723

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:21:31	0.373	-0.789	0.454	-0.019	0.043	0.071	3.668	3.243	92%
2	07:22:40	0.327	-0.518	0.432	-0.033	0.028	0.077	3.634	3.365	92%
3	07:23:48	0.499	-1.056	0.416	-0.040	0.026	0.066	3.423	3.345	92%
x		0.400	-0.788	0.434	-0.031	0.032	0.071	3.575	3.317	92%
σ		0.089	0.269	0.019	0.011	0.010	0.006	0.133	0.065	0%
%RSD		22.360	34.160	4.407	34.360	29.780	7.882	3.708	1.970	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:21:31	92%	0.005	0.015	0.082	0.053	0.066	94%	0.004
2	07:22:40	92%	0.008	0.009	0.064	0.055	0.064	95%	0.003
3	07:23:48	93%	0.005	0.004	0.063	0.066	0.066	95%	0.003
x		92%	0.006	0.009	0.070	0.058	0.065	95%	0.003
σ		1%	0.002	0.005	0.011	0.007	0.001	1%	0.001
%RSD		1	33.380	53.910	15.360	12.080	1.799	1	24.310

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:29:27	87%	166.800	240.900	0.000	4722.000	2438.000	2441.000	2434.000	1877.000
2	07:30:35	86%	168.000	274.000	0.000	4807.000	2499.000	2492.000	2486.000	1921.000
3	07:31:43	86%	170.600	259.300	0.000	4841.000	2528.000	2509.000	2494.000	1938.000
x		87%	168.400	258.100	0.000	4790.000	2488.000	2481.000	2471.000	1912.000
σ		1%	1.928	16.570	0.000	61.370	45.670	35.190	32.880	31.390
%RSD		1	1.144	6.422	0.000	1.281	1.835	1.418	1.330	1.642

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:29:27	2719.000	5477.000	0.000	0.000	10650.000	9526.000	9159.000	86%	185.400
2	07:30:35	2749.000	5665.000	0.000	0.000	10950.000	9876.000	9455.000	83%	187.200
3	07:31:43	2736.000	5641.000	0.000	0.000	10960.000	9651.000	9556.000	83%	188.100
x		2735.000	5594.000	0.000	0.000	10850.000	9684.000	9390.000	84%	186.900
σ		15.200	102.400	0.000	0.000	181.300	177.200	206.600	1%	1.367
%RSD		0.556	1.830	0.000	0.000	1.670	1.830	2.200	2	0.731

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:29:27	262.500	360.300	183.400	2815.000	186.200	2948.000	2771.000	180.600	460.000
2	07:30:35	270.800	374.600	202.400	2921.000	192.600	3046.000	2865.000	187.200	476.400
3	07:31:43	271.500	374.900	210.300	2937.000	193.300	3060.000	2877.000	189.700	477.700
x		268.300	370.000	198.700	2891.000	190.700	3018.000	2838.000	185.800	471.300
σ		4.993	8.352	13.830	66.300	3.914	61.030	58.120	4.680	9.855
%RSD		1.861	2.258	6.958	2.293	2.053	2.022	2.048	2.519	2.091

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:29:27	514.300	521.400	360.200	710.500	1767.000	-2.111	1777.000	1758.000	1.047
2	07:30:35	527.900	524.500	369.400	731.900	1838.000	-2.390	1815.000	1827.000	2.996
3	07:31:43	534.000	534.900	371.600	737.600	1841.000	-1.888	1829.000	1832.000	-0.705
x		525.400	526.900	367.100	726.700	1815.000	-2.129	1807.000	1806.000	1.113
σ		10.090	7.104	6.079	14.280	42.010	0.252	27.370	41.240	1.851
%RSD		1.921	1.348	1.656	1.965	2.314	11.820	1.515	2.284	166.400

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:29:27	349.700	344.500	343.400	343.200	346.500	0.011	87%	181.800	68.610
2	07:30:35	357.400	357.400	355.700	354.300	355.500	0.009	85%	184.100	69.710
3	07:31:43	358.100	362.300	361.100	360.900	360.000	0.005	85%	191.400	70.380
x		355.000	354.700	353.400	352.800	354.000	0.008	86%	185.700	69.570
σ		4.651	9.218	9.064	8.976	6.865	0.003	1%	5.008	0.891
%RSD		1.310	2.599	2.565	2.544	1.939	31.570	1	2.696	1.281

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:29:27	5.421	181.600	67.280	182.900	638.700	715.600	199.600	193.000	90%
2	07:30:35	4.937	183.900	70.270	186.800	648.000	727.000	199.500	195.900	89%
3	07:31:43	1.919	191.100	70.610	190.100	657.100	740.800	202.900	196.100	89%
x		4.092	185.600	69.390	186.600	647.900	727.800	200.700	195.000	89%
σ		1.898	4.954	1.830	3.620	9.200	12.590	1.938	1.721	1%
%RSD		46.380	2.670	2.637	1.940	1.420	1.730	0.966	0.883	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:29:27	91%	1901.000	1912.000	952.300	864.900	941.700	93%	0.026
2	07:30:35	90%	1942.000	1947.000	965.600	887.400	961.000	92%	0.024
3	07:31:43	90%	1969.000	1954.000	976.400	887.400	966.800	91%	0.021
x		90%	1937.000	1938.000	964.800	879.900	956.500	92%	0.023
σ		1%	34.240	22.440	12.070	12.950	13.130	1%	0.003
%RSD		1	1.767	1.158	1.252	1.471	1.372	1	11.400

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:37:24	86%	166.200	258.900	0.000	4803.000	2521.000	2495.000	2515.000	1938.000
2	07:38:32	83%	171.900	274.500	0.000	4869.000	2573.000	2551.000	2549.000	1957.000
3	07:39:40	84%	172.800	261.600	0.000	4910.000	2586.000	2580.000	2578.000	1973.000
x		85%	170.300	265.000	0.000	4861.000	2560.000	2542.000	2547.000	1956.000
σ		2%	3.605	8.311	0.000	54.200	34.300	43.460	31.310	17.730
%RSD		2	2.117	3.136	0.000	1.115	1.340	1.709	1.229	0.907

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:37:24	2776.000	5696.000	0.000	0.000	11030.000	9500.000	9302.000	83%	190.600
2	07:38:32	2805.000	5722.000	0.000	0.000	11050.000	9475.000	9372.000	83%	193.000
3	07:39:40	2841.000	5807.000	0.000	0.000	11170.000	9629.000	9448.000	82%	192.900
x		2807.000	5742.000	0.000	0.000	11080.000	9535.000	9374.000	83%	192.100
σ		32.810	57.860	0.000	0.000	72.060	82.860	72.820	0%	1.338
%RSD		1.169	1.008	0.000	0.000	0.650	0.869	0.777	1	0.696

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:37:24	274.400	375.600	209.100	2952.000	194.300	3095.000	2922.000	189.500	479.600
2	07:38:32	271.500	372.900	228.100	2942.000	194.400	3083.000	2899.000	189.400	481.900
3	07:39:40	276.200	379.900	232.700	2969.000	196.500	3129.000	2952.000	192.800	485.700
x		274.000	376.100	223.300	2954.000	195.100	3102.000	2925.000	190.500	482.400
σ		2.394	3.525	12.510	13.650	1.277	23.620	26.300	1.940	3.079
%RSD		0.874	0.937	5.602	0.462	0.655	0.762	0.899	1.018	0.638

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:37:24	535.800	542.200	374.400	736.600	1839.000	-1.091	1831.000	1829.000	3.241
2	07:38:32	539.700	546.200	376.800	744.000	1847.000	-1.125	1837.000	1838.000	1.985
3	07:39:40	544.700	548.000	382.600	753.000	1869.000	-1.881	1862.000	1860.000	2.566
x		540.000	545.500	377.900	744.500	1852.000	-1.365	1843.000	1842.000	2.597
σ		4.460	2.945	4.224	8.214	15.750	0.447	16.410	15.760	0.628
%RSD		0.826	0.540	1.118	1.103	0.851	32.700	0.890	0.856	24.200

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:37:24	363.100	358.000	358.200	357.400	357.300	0.007	84%	190.300	70.910
2	07:38:32	364.700	366.100	362.600	359.800	361.400	0.015	83%	189.200	72.410
3	07:39:40	371.200	371.700	366.700	366.800	366.900	0.004	83%	186.200	71.650
x		366.300	365.300	362.500	361.300	361.900	0.009	84%	188.600	71.660
σ		4.278	6.895	4.256	4.875	4.814	0.006	1%	2.103	0.749
%RSD		1.168	1.888	1.174	1.349	1.330	65.790	1	1.115	1.045

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:37:24	2.917	190.000	70.000	189.500	655.100	740.200	201.000	195.400	89%
2	07:38:32	8.741	188.900	71.310	192.400	661.500	745.500	203.100	196.600	89%
3	07:39:40	8.159	186.000	71.510	193.700	669.900	747.300	205.000	199.300	88%
x		6.605	188.300	70.940	191.900	662.200	744.300	203.000	197.100	88%
σ		3.208	2.071	0.819	2.128	7.422	3.664	2.009	1.973	1%
%RSD		48.560	1.100	1.155	1.109	1.121	0.492	0.990	1.001	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:37:24	90%	1969.000	1953.000	980.800	889.300	967.500	92%	0.026
2	07:38:32	89%	1974.000	1968.000	978.700	890.000	967.100	91%	0.019
3	07:39:40	88%	1996.000	1991.000	989.700	903.000	980.100	91%	0.016
x		89%	1980.000	1971.000	983.100	894.100	971.600	91%	0.020
σ		1%	14.330	19.450	5.860	7.690	7.390	1%	0.005
%RSD		1	0.724	0.987	0.596	0.860	0.761	1	24.690

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:45:20	85%	175.900	271.500	0.000	4912.000	2586.000	2572.000	2574.000	2003.000
2	07:46:28	84%	177.700	269.400	0.000	4880.000	2569.000	2538.000	2570.000	2027.000
3	07:47:36	84%	179.000	272.600	0.000	4978.000	2622.000	2589.000	2616.000	2056.000
x		84%	177.500	271.100	0.000	4923.000	2592.000	2566.000	2587.000	2029.000
σ		1%	1.572	1.647	0.000	50.360	26.920	25.820	25.560	26.640
%RSD		1	0.885	0.608	0.000	1.023	1.039	1.006	0.988	1.313

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:45:20	2706.000	5843.000	0.000	0.000	11430.000	9306.000	9015.000	83%	196.100
2	07:46:28	2700.000	5908.000	0.000	0.000	11430.000	9196.000	8948.000	82%	199.300
3	07:47:36	2766.000	6017.000	0.000	0.000	11690.000	9458.000	9130.000	81%	199.200
x		2724.000	5923.000	0.000	0.000	11510.000	9320.000	9031.000	82%	198.200
σ		36.320	88.220	0.000	0.000	149.200	131.600	92.160	1%	1.858
%RSD		1.334	1.490	0.000	0.000	1.296	1.412	1.020	1	0.937

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:45:20	287.000	391.600	206.800	3067.000	201.100	3217.000	3004.000	199.900	502.400
2	07:46:28	288.300	396.200	216.800	3090.000	201.200	3242.000	3015.000	198.400	493.500
3	07:47:36	291.700	402.400	228.600	3129.000	205.500	3290.000	3075.000	202.300	510.000
x		289.000	396.700	217.400	3095.000	202.600	3250.000	3031.000	200.200	502.000
σ		2.440	5.424	10.890	31.370	2.529	36.950	38.070	1.998	8.247
%RSD		0.844	1.367	5.009	1.014	1.249	1.137	1.256	0.998	1.643

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:45:20	538.300	541.100	379.400	777.800	1916.000	-2.117	1902.000	1907.000	4.157
2	07:46:28	537.100	540.800	379.200	773.200	1918.000	-1.051	1922.000	1909.000	3.644
3	07:47:36	543.600	547.300	387.500	788.500	1946.000	-2.604	1954.000	1934.000	3.025
x		539.700	543.100	382.000	779.800	1927.000	-1.924	1926.000	1917.000	3.609
σ		3.468	3.682	4.728	7.824	16.380	0.794	26.320	14.870	0.567
%RSD		0.643	0.678	1.237	1.003	0.850	41.290	1.366	0.776	15.710

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:45:20	385.800	387.600	385.200	383.600	383.100	0.015	83%	202.800	75.530
2	07:46:28	387.300	384.800	386.500	383.500	383.000	0.000	83%	197.600	75.030
3	07:47:36	392.800	393.400	389.000	388.900	394.100	0.018	83%	200.000	75.660
x		388.600	388.600	386.900	385.300	386.700	0.011	83%	200.200	75.410
σ		3.703	4.410	1.905	3.088	6.410	0.010	0%	2.588	0.336
%RSD		0.953	1.135	0.493	0.801	1.657	88.250	0	1.293	0.445

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:45:20	2.907	202.500	74.410	199.600	691.200	771.100	210.200	206.100	89%
2	07:46:28	4.269	197.400	74.430	197.300	693.700	771.500	211.800	205.500	88%
3	07:47:36	4.876	199.800	75.740	200.200	700.400	778.700	214.200	205.200	87%
x		4.017	199.900	74.860	199.000	695.100	773.800	212.100	205.600	88%
σ		1.008	2.558	0.761	1.525	4.742	4.317	1.975	0.437	1%
%RSD		25.090	1.280	1.016	0.766	0.682	0.558	0.931	0.212	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:45:20	89%	2080.000	2061.000	979.400	983.500	1015.000	91%	0.024
2	07:46:28	89%	2085.000	2080.000	979.700	986.500	1018.000	91%	0.020
3	07:47:36	88%	2088.000	2088.000	992.000	992.900	1027.000	91%	0.022
x		89%	2084.000	2076.000	983.700	987.600	1020.000	91%	0.022
σ		1%	3.916	14.170	7.189	4.775	6.000	0%	0.002
%RSD		1	0.188	0.683	0.731	0.483	0.588	0	8.339

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:53:17	77%	-0.052	13.510	0.000	1807.000	790.000	771.800	785.500	72.110
2	07:54:25	76%	0.100	11.720	0.000	1825.000	797.800	784.000	780.900	72.910
3	07:55:34	78%	-0.048	10.810	0.000	1814.000	788.300	782.600	784.300	72.490
x		77%	0.000	12.010	0.000	1815.000	792.100	779.500	783.500	72.500
σ		1%	0.087	1.372	0.000	9.160	5.069	6.663	2.385	0.401
%RSD		1	30110.000	11.420	0.000	0.505	0.640	0.855	0.304	0.552

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:53:17	2042.000	321.900	0.000	0.000	913.300	8395.000	8301.000	83%	0.746
2	07:54:25	2079.000	332.100	0.000	0.000	911.500	8746.000	8174.000	84%	0.974
3	07:55:34	2050.000	323.000	0.000	0.000	916.500	8620.000	8265.000	83%	1.053
x		2057.000	325.700	0.000	0.000	913.800	8587.000	8247.000	83%	0.924
σ		19.400	5.620	0.000	0.000	2.549	177.900	65.520	1%	0.160
%RSD		0.943	1.726	0.000	0.000	0.279	2.071	0.794	1	17.270

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:53:17	-3.189	1.186	217.100	19.200	1.792	14.890	27.760	0.246	1.289
2	07:54:25	-2.805	1.203	227.100	17.360	1.852	15.630	30.090	0.281	1.386
3	07:55:34	-3.435	1.264	236.100	20.380	1.927	16.440	24.060	0.233	1.363
x		-3.143	1.218	226.800	18.980	1.857	15.650	27.300	0.253	1.346
σ		0.317	0.041	9.540	1.522	0.068	0.776	3.040	0.025	0.051
%RSD		10.090	3.394	4.207	8.019	3.644	4.954	11.130	9.782	3.762

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:53:17	105.400	107.100	189.900	1.664	2.683	1.492	2.806	2.667	1.748
2	07:54:25	105.700	104.700	187.100	0.875	2.441	1.633	2.236	2.426	2.017
3	07:55:34	106.300	106.000	188.900	0.663	2.767	1.739	3.628	2.749	0.691
x		105.800	105.900	188.600	1.067	2.630	1.621	2.890	2.614	1.486
σ		0.499	1.190	1.411	0.528	0.170	0.124	0.700	0.168	0.701
%RSD		0.472	1.123	0.748	49.450	6.442	7.633	24.210	6.425	47.190

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:53:17	1.951	1.948	1.862	2.095	1.883	0.013	85%	-1.321	0.099
2	07:54:25	1.468	1.506	1.460	1.670	1.558	0.011	86%	-0.344	0.097
3	07:55:34	1.308	1.234	1.235	1.321	1.371	0.007	86%	-0.825	0.083
x		1.576	1.562	1.519	1.695	1.604	0.010	85%	-0.830	0.093
σ		0.335	0.361	0.318	0.387	0.259	0.003	1%	0.488	0.009
%RSD		21.250	23.080	20.910	22.840	16.150	27.550	1	58.830	9.553

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:53:17	0.658	-1.331	0.109	0.199	1.033	0.982	18.740	17.950	89%
2	07:54:25	0.251	-0.354	0.110	0.202	1.053	1.087	18.610	17.770	90%
3	07:55:34	0.619	-0.834	0.079	0.170	0.966	1.069	18.850	18.250	90%
x		0.509	-0.840	0.100	0.190	1.017	1.046	18.730	17.990	89%
σ		0.224	0.489	0.017	0.018	0.046	0.056	0.122	0.244	0%
%RSD		44.020	58.200	17.560	9.355	4.510	5.336	0.650	1.358	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:53:17	90%	2.544	2.472	1.237	1.131	1.165	92%	0.014
2	07:54:25	91%	2.477	2.513	1.303	1.267	1.287	93%	0.015
3	07:55:34	91%	2.331	2.296	1.243	1.233	1.233	94%	0.016
x		91%	2.451	2.427	1.261	1.210	1.228	93%	0.015
σ		0%	0.109	0.116	0.036	0.071	0.061	1%	0.001
%RSD		0	4.446	4.758	2.894	5.856	4.980	1	5.951

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:01:15	78%	-0.149	8.980	0.000	1849.000	814.500	805.300	803.300	91.000
2	08:02:23	77%	-0.151	8.558	0.000	1883.000	821.500	812.900	809.200	92.630
3	08:03:31	78%	-0.155	10.110	0.000	1860.000	818.600	804.300	810.200	93.490
x		78%	-0.151	9.215	0.000	1864.000	818.200	807.500	807.600	92.370
σ		1%	0.003	0.801	0.000	17.170	3.492	4.709	3.716	1.265
%RSD		1	1.999	8.692	0.000	0.921	0.427	0.583	0.460	1.370

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:01:15	2098.000	346.900	0.000	0.000	932.400	8909.000	8541.000	84%	0.766
2	08:02:23	2129.000	354.400	0.000	0.000	956.400	8781.000	8647.000	83%	0.792
3	08:03:31	2116.000	357.700	0.000	0.000	942.600	8872.000	8672.000	84%	0.806
x		2114.000	353.000	0.000	0.000	943.800	8854.000	8620.000	84%	0.788
σ		15.850	5.506	0.000	0.000	12.030	66.020	69.530	0%	0.021
%RSD		0.750	1.560	0.000	0.000	1.274	0.746	0.807	0	2.618

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:01:15	-2.394	0.963	227.600	23.300	2.493	19.000	30.330	0.106	0.639
2	08:02:23	-3.630	1.009	243.300	23.610	2.541	19.210	30.460	0.082	0.462
3	08:03:31	-4.335	0.990	252.300	22.260	2.443	18.740	27.410	0.077	0.583
x		-3.453	0.987	241.100	23.060	2.492	18.980	29.400	0.089	0.561
σ		0.982	0.023	12.490	0.704	0.049	0.237	1.727	0.016	0.091
%RSD		28.450	2.343	5.181	3.052	1.965	1.246	5.874	17.520	16.180

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:01:15	11.160	10.900	185.100	0.587	1.316	1.615	1.041	1.310	0.306
2	08:02:23	11.220	11.040	186.300	0.119	0.187	1.782	0.596	0.186	2.546
3	08:03:31	10.870	10.800	184.900	0.257	0.187	1.812	0.714	0.186	1.204
x		11.080	10.910	185.400	0.321	0.564	1.736	0.784	0.561	1.352
σ		0.189	0.119	0.738	0.241	0.652	0.106	0.231	0.649	1.127
%RSD		1.703	1.094	0.398	75.010	115.700	6.101	29.440	115.800	83.380

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:01:15	0.554	0.578	0.414	0.523	0.549	0.007	85%	-0.958	0.037
2	08:02:23	0.480	0.378	0.400	0.387	0.387	0.012	86%	-0.702	0.014
3	08:03:31	0.510	0.376	0.369	0.392	0.379	0.014	86%	-1.392	0.020
x		0.515	0.444	0.394	0.434	0.439	0.011	86%	-1.017	0.024
σ		0.037	0.116	0.023	0.077	0.096	0.004	0%	0.349	0.012
%RSD		7.258	26.100	5.847	17.830	21.860	32.550	1	34.290	50.810

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:01:15	0.457	-0.966	0.022	0.048	0.406	0.437	19.350	18.880	89%
2	08:02:23	0.363	-0.710	0.018	0.054	0.334	0.288	19.380	19.060	89%
3	08:03:31	0.718	-1.400	0.013	-0.015	0.255	0.224	19.010	18.750	90%
x		0.513	-1.025	0.017	0.029	0.332	0.316	19.250	18.900	89%
σ		0.184	0.349	0.004	0.038	0.076	0.109	0.204	0.158	0%
%RSD		35.850	34.060	24.860	130.200	22.810	34.600	1.058	0.833	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:01:15	89%	0.979	0.944	0.629	0.575	0.606	92%	0.016
2	08:02:23	91%	0.506	0.525	0.462	0.464	0.473	91%	0.014
3	08:03:31	90%	0.345	0.348	0.429	0.368	0.391	93%	0.014
x		90%	0.610	0.606	0.507	0.469	0.490	92%	0.014
σ		1%	0.330	0.306	0.107	0.104	0.108	1%	0.001
%RSD		1	54.050	50.560	21.100	22.120	22.100	1	9.435

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:09:13	77%	-0.153	8.790	0.000	1705.000	797.700	782.300	786.800	84.810
2	08:10:21	78%	-0.233	8.498	0.000	1665.000	781.500	761.100	755.100	81.320
3	08:11:29	77%	-0.236	8.702	0.000	1708.000	797.400	785.600	778.300	83.550
x		78%	-0.207	8.664	0.000	1693.000	792.200	776.300	773.400	83.230
σ		1%	0.047	0.150	0.000	23.940	9.239	13.290	16.380	1.771
%RSD		1	22.570	1.732	0.000	1.414	1.166	1.711	2.117	2.128

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:09:13	2000.000	329.900	0.000	0.000	891.300	8726.000	8410.000	84%	0.934
2	08:10:21	1951.000	321.200	0.000	0.000	858.900	8418.000	8139.000	86%	1.051
3	08:11:29	2014.000	335.300	0.000	0.000	890.100	8654.000	8290.000	84%	0.945
x		1988.000	328.800	0.000	0.000	880.100	8599.000	8280.000	85%	0.977
σ		33.010	7.096	0.000	0.000	18.380	161.000	135.500	1%	0.064
%RSD		1.661	2.158	0.000	0.000	2.088	1.873	1.637	1	6.591

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:09:13	-4.546	4.840	231.200	151.300	3.089	150.800	147.400	0.083	1.019
2	08:10:21	-3.999	4.883	236.900	145.900	3.208	144.400	146.100	0.064	0.965
3	08:11:29	-2.931	5.244	247.800	154.200	3.212	151.100	152.300	0.076	0.987
x		-3.825	4.989	238.700	150.500	3.169	148.800	148.600	0.074	0.990
σ		0.821	0.222	8.436	4.211	0.070	3.799	3.284	0.010	0.027
%RSD		21.460	4.445	3.535	2.798	2.206	2.554	2.210	13.240	2.729

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:09:13	25.320	25.120	158.900	1.046	0.896	1.550	1.374	0.890	0.106
2	08:10:21	24.850	25.040	156.700	0.993	0.588	1.634	-0.137	0.585	0.242
3	08:11:29	25.300	25.700	159.700	-0.082	-0.248	1.824	0.961	-0.247	3.381
x		25.160	25.280	158.400	0.652	0.412	1.670	0.733	0.409	1.243
σ		0.265	0.358	1.555	0.637	0.592	0.140	0.781	0.588	1.853
%RSD		1.053	1.416	0.982	97.600	143.700	8.404	106.600	143.700	149.100

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:09:13	1.334	1.189	1.160	1.077	1.184	0.012	86%	-0.509	0.018
2	08:10:21	1.356	1.216	1.189	1.224	1.085	0.009	87%	-1.719	0.011
3	08:11:29	1.271	1.172	1.187	1.179	1.162	0.012	87%	-1.082	0.001
x		1.320	1.193	1.179	1.160	1.144	0.011	87%	-1.103	0.010
σ		0.045	0.022	0.017	0.075	0.052	0.002	0%	0.605	0.008
%RSD		3.380	1.879	1.404	6.502	4.570	18.710	1	54.860	80.710

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:09:13	0.244	-0.515	0.021	0.018	0.202	0.187	18.400	17.630	89%
2	08:10:21	0.926	-1.725	0.024	-0.056	0.160	0.138	17.810	17.280	90%
3	08:11:29	0.570	-1.089	0.015	-0.003	0.158	0.117	18.560	17.290	90%
x		0.580	-1.110	0.020	-0.014	0.173	0.147	18.260	17.400	90%
σ		0.341	0.605	0.005	0.038	0.025	0.036	0.392	0.200	1%
%RSD		58.850	54.540	23.560	277.700	14.570	24.450	2.147	1.152	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:09:13	89%	0.348	0.323	0.576	0.516	0.545	92%	0.016
2	08:10:21	91%	0.194	0.198	0.512	0.458	0.485	94%	0.017
3	08:11:29	90%	0.112	0.123	0.490	0.448	0.472	93%	0.012
x		90%	0.218	0.215	0.526	0.474	0.501	93%	0.015
σ		1%	0.120	0.101	0.045	0.037	0.039	1%	0.002
%RSD		1	55.020	46.940	8.481	7.799	7.700	1	16.440

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:17:11	78%	-0.213	11.620	0.000	2779.000	1390.000	1354.000	1370.000	33.620
2	08:18:19	78%	-0.196	11.640	0.000	2796.000	1384.000	1357.000	1366.000	32.950
3	08:19:27	78%	-0.125	12.080	0.000	2778.000	1386.000	1359.000	1359.000	33.490
x		78%	-0.178	11.780	0.000	2784.000	1387.000	1357.000	1365.000	33.360
σ		0%	0.047	0.262	0.000	9.803	3.094	2.840	5.724	0.360
%RSD		1	26.350	2.223	0.000	0.352	0.223	0.209	0.419	1.078

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:17:11	1990.000	95.150	0.000	0.000	1166.000	13590.000	13300.000	85%	0.282
2	08:18:19	2012.000	97.630	0.000	0.000	1169.000	13810.000	13400.000	85%	0.443
3	08:19:27	2008.000	97.550	0.000	0.000	1151.000	13340.000	13280.000	86%	0.382
x		2003.000	96.780	0.000	0.000	1162.000	13580.000	13330.000	85%	0.369
σ		11.660	1.409	0.000	0.000	10.120	233.500	64.860	1%	0.081
%RSD		0.582	1.456	0.000	0.000	0.871	1.719	0.487	1	21.960

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:17:11	-3.446	0.940	232.800	28.240	1.381	26.390	40.760	0.030	1.073
2	08:18:19	-3.168	1.081	245.200	28.180	1.342	26.530	47.270	0.012	0.914
3	08:19:27	-2.504	1.002	250.500	27.750	1.390	25.950	36.640	0.021	1.078
x		-3.039	1.008	242.800	28.060	1.371	26.290	41.560	0.021	1.022
σ		0.484	0.070	9.066	0.265	0.025	0.304	5.361	0.009	0.093
%RSD		15.920	6.988	3.733	0.944	1.856	1.156	12.900	44.370	9.120

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:17:11	130.800	130.300	77.730	0.103	-0.111	1.709	0.287	-0.111	1.002
2	08:18:19	131.300	133.500	77.500	-0.247	0.048	1.845	1.147	0.047	2.929
3	08:19:27	132.600	131.400	76.840	0.344	0.272	1.747	0.798	0.270	2.061
x		131.500	131.700	77.360	0.067	0.069	1.767	0.744	0.069	1.997
σ		0.903	1.605	0.462	0.297	0.192	0.070	0.432	0.191	0.965
%RSD		0.686	1.218	0.597	446.500	277.100	3.953	58.100	277.200	48.310

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:17:11	0.288	0.196	0.148	0.280	0.171	0.007	86%	-0.338	0.011
2	08:18:19	0.291	0.100	0.104	0.152	0.131	0.009	87%	-0.282	0.015
3	08:19:27	0.180	0.115	0.159	0.189	0.135	0.007	87%	-0.913	0.014
x		0.253	0.137	0.137	0.207	0.146	0.008	87%	-0.511	0.013
σ		0.063	0.052	0.029	0.066	0.022	0.001	0%	0.349	0.002
%RSD		24.970	37.730	21.510	31.770	15.140	13.370	1	68.340	13.450

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:17:11	0.164	-0.348	0.011	0.045	0.295	0.151	23.810	22.420	90%
2	08:18:19	0.138	-0.293	0.007	0.028	0.305	0.150	23.910	23.040	91%
3	08:19:27	0.491	-0.922	0.016	0.012	0.273	0.156	23.980	22.620	91%
x		0.265	-0.521	0.012	0.029	0.291	0.152	23.900	22.690	91%
σ		0.197	0.349	0.005	0.016	0.016	0.003	0.087	0.315	1%
%RSD		74.320	66.970	39.870	56.470	5.672	2.207	0.366	1.387	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:17:11	92%	0.116	0.128	0.464	0.473	0.449	94%	0.021
2	08:18:19	92%	0.065	0.077	0.459	0.422	0.437	94%	0.021
3	08:19:27	92%	0.070	0.074	0.490	0.409	0.449	94%	0.018
x		92%	0.084	0.093	0.471	0.435	0.445	94%	0.020
σ		0%	0.028	0.030	0.017	0.034	0.007	0%	0.002
%RSD		0	33.750	32.750	3.587	7.770	1.621	1	7.675

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:25:08	76%	510.400	499.100	0.000	57500.000	54710.000	53930.000	53990.000	10800.000
2	08:26:16	77%	501.100	506.400	0.000	57000.000	54320.000	54040.000	53560.000	10650.000
3	08:27:24	79%	500.200	487.100	0.000	56290.000	53770.000	53000.000	52280.000	10460.000
x		77%	503.900	497.500	0.000	56930.000	54270.000	53650.000	53280.000	10640.000
σ		1%	5.648	9.752	0.000	606.700	473.200	572.400	885.400	171.300
%RSD		2	1.121	1.960	0.000	1.066	0.872	1.067	1.662	1.610

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:25:08	498.800	10290.000	0.000	0.000	27710.000	51000.000	49220.000	84%	499.900
2	08:26:16	490.900	10180.000	0.000	0.000	27310.000	50030.000	48220.000	86%	499.200
3	08:27:24	482.300	10020.000	0.000	0.000	27110.000	49860.000	48070.000	88%	480.100
x		490.700	10160.000	0.000	0.000	27380.000	50300.000	48510.000	86%	493.000
σ		8.248	134.800	0.000	0.000	308.600	615.400	625.800	2%	11.250
%RSD		1.681	1.327	0.000	0.000	1.127	1.223	1.290	2	2.282

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:25:08	500.900	504.200	86.580	27380.000	1016.000	27210.000	25910.000	509.200	509.000
2	08:26:16	493.100	497.600	77.520	27070.000	998.000	26840.000	25530.000	499.000	501.800
3	08:27:24	488.400	491.200	74.060	26770.000	999.100	26660.000	25180.000	495.300	496.100
x		494.100	497.700	79.390	27070.000	1004.000	26900.000	25540.000	501.200	502.300
σ		6.320	6.487	6.462	308.600	9.995	280.400	367.800	7.200	6.451
%RSD		1.279	1.304	8.140	1.140	0.995	1.042	1.440	1.437	1.284

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:25:08	1020.000	1023.000	1026.000	495.100	497.300	-0.310	493.500	495.200	2.614
2	08:26:16	1005.000	994.000	1010.000	487.600	488.400	0.282	485.100	486.500	2.174
3	08:27:24	1002.000	997.300	1003.000	486.400	480.400	-0.391	483.300	479.000	1.534
x		1009.000	1005.000	1013.000	489.700	488.700	-0.140	487.300	486.900	2.107
σ		9.935	15.970	11.630	4.714	8.451	0.367	5.446	8.073	0.543
%RSD		0.985	1.590	1.149	0.963	1.729	263.100	1.118	1.658	25.780

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:25:08	494.600	497.100	497.700	491.700	494.900	0.011	85%	502.100	500.700
2	08:26:16	494.200	498.900	492.800	485.500	494.100	0.012	86%	491.300	498.000
3	08:27:24	497.300	495.600	495.000	492.300	496.200	0.025	86%	493.700	495.000
x		495.400	497.200	495.200	489.800	495.100	0.016	86%	495.700	497.900
σ		1.654	1.634	2.485	3.781	1.069	0.008	1%	5.680	2.851
%RSD		0.334	0.329	0.502	0.772	0.216	47.440	1	1.146	0.573

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:25:08	11.710	501.200	501.600	501.800	500.200	497.300	2486.000	2402.000	90%
2	08:26:16	12.270	490.700	499.500	498.000	497.800	492.600	2469.000	2367.000	90%
3	08:27:24	16.450	492.900	497.500	497.900	493.600	493.300	2456.000	2377.000	92%
x		13.480	494.900	499.500	499.200	497.200	494.400	2471.000	2382.000	91%
σ		2.592	5.565	2.032	2.213	3.350	2.564	14.890	18.090	1%
%RSD		19.240	1.124	0.407	0.443	0.674	0.519	0.603	0.760	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:25:08	91%	496.700	529.700	499.500	502.400	501.700	91%	542.500
2	08:26:16	91%	491.200	526.700	495.800	496.200	494.900	92%	541.500
3	08:27:24	92%	492.400	531.200	494.500	498.600	496.100	92%	545.000
x		91%	493.400	529.200	496.600	499.100	497.600	91%	543.000
σ		1%	2.903	2.246	2.607	3.109	3.651	0%	1.819
%RSD		1	0.588	0.424	0.525	0.623	0.734	0	0.335

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:33:03	80%	-0.172	6.855	0.000	75.870	1.849	1.758	2.067	-0.395
2	08:34:11	79%	-0.062	5.452	0.000	81.860	2.133	1.574	1.521	-0.497
3	08:35:19	78%	-0.181	6.600	0.000	86.200	2.289	2.396	1.922	-0.161
x		79%	-0.138	6.302	0.000	81.310	2.090	1.909	1.837	-0.351
σ		1%	0.066	0.748	0.000	5.184	0.223	0.431	0.283	0.172
%RSD		1	47.970	11.860	0.000	6.376	10.690	22.600	15.410	49.140

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:33:03	1.215	-1.338	0.000	0.000	59.080	3.493	-5.986	87%	0.056
2	08:34:11	-0.010	-1.187	0.000	0.000	58.130	-3.118	-4.700	87%	-0.070
3	08:35:19	1.181	-1.219	0.000	0.000	64.560	1.626	-7.271	87%	-0.123
x		0.795	-1.248	0.000	0.000	60.590	0.667	-5.986	87%	-0.046
σ		0.697	0.080	0.000	0.000	3.472	3.408	1.286	0%	0.092
%RSD		87.680	6.378	0.000	0.000	5.730	510.900	21.480	0	199.900

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:33:03	-0.875	0.253	58.930	3.985	0.067	-6.942	-5.792	0.027	0.187
2	08:34:11	-0.475	0.149	56.370	4.570	0.097	-7.226	-6.326	0.016	0.051
3	08:35:19	0.310	0.257	54.050	4.837	0.080	-6.917	-7.312	0.019	0.062
x		-0.347	0.220	56.450	4.464	0.081	-7.028	-6.477	0.020	0.100
σ		0.603	0.062	2.442	0.436	0.015	0.172	0.771	0.006	0.075
%RSD		173.700	28.020	4.325	9.762	18.350	2.446	11.900	28.390	75.240

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:33:03	0.063	-0.033	0.119	0.222	0.334	0.468	0.563	0.332	0.369
2	08:34:11	0.015	-0.031	0.070	-0.121	-0.287	0.514	0.921	-0.285	1.500
3	08:35:19	0.032	0.007	0.090	0.377	-0.088	0.413	0.805	-0.087	2.799
x		0.037	-0.019	0.093	0.159	-0.014	0.465	0.763	-0.014	1.556
σ		0.025	0.023	0.024	0.255	0.317	0.051	0.183	0.315	1.216
%RSD		67.140	120.300	26.250	160.000	2344.000	10.910	23.920	2326.000	78.160

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:33:03	1.294	1.283	1.262	1.284	1.217	0.005	89%	-1.250	0.045
2	08:34:11	0.880	0.854	0.949	0.912	0.895	0.005	89%	-0.378	0.040
3	08:35:19	0.731	0.647	0.715	0.618	0.653	0.003	89%	-1.175	0.064
x		0.969	0.928	0.976	0.938	0.922	0.005	89%	-0.934	0.050
σ		0.292	0.324	0.275	0.333	0.283	0.001	0%	0.483	0.012
%RSD		30.120	34.930	28.140	35.550	30.740	21.700	0	51.710	25.060

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:33:03	0.593	-1.255	0.070	-0.036	0.325	0.823	0.135	0.112	91%
2	08:34:11	0.208	-0.384	0.036	-0.005	0.288	0.625	0.097	0.145	91%
3	08:35:19	0.612	-1.180	0.048	-0.038	0.263	0.515	0.097	0.135	91%
x		0.471	-0.939	0.051	-0.026	0.292	0.654	0.110	0.131	91%
σ		0.228	0.483	0.017	0.018	0.031	0.157	0.022	0.017	0%
%RSD		48.340	51.400	33.380	69.190	10.630	23.910	20.290	13.250	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:33:03	91%	0.140	0.131	0.043	0.043	0.047	94%	0.042
2	08:34:11	91%	0.118	0.130	0.030	0.046	0.038	95%	0.032
3	08:35:19	92%	0.108	0.115	0.045	0.057	0.048	95%	0.033
x		92%	0.122	0.126	0.040	0.049	0.044	95%	0.035
σ		0%	0.017	0.009	0.008	0.007	0.005	1%	0.006
%RSD		0	13.770	7.224	20.350	15.040	11.470	1	16.360

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:40:58	77%	-0.010	6.216	0.000	2258.000	748.900	743.000	737.000	76.430
2	08:42:06	77%	-0.075	8.989	0.000	2282.000	761.600	765.300	750.000	78.000
3	08:43:14	78%	0.003	6.312	0.000	2230.000	744.800	732.800	728.700	77.040
x		78%	-0.027	7.172	0.000	2256.000	751.800	747.000	738.600	77.160
σ		0%	0.042	1.574	0.000	26.300	8.787	16.620	10.760	0.792
%RSD		1	153.500	21.940	0.000	1.166	1.169	2.225	1.457	1.026

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:40:58	1963.000	334.900	0.000	0.000	846.600	8100.000	8039.000	84%	0.595
2	08:42:06	2001.000	345.200	0.000	0.000	875.000	8347.000	8166.000	84%	0.864
3	08:43:14	1945.000	335.000	0.000	0.000	854.600	8433.000	8155.000	84%	0.856
x		1969.000	338.300	0.000	0.000	858.700	8293.000	8120.000	84%	0.772
σ		28.660	5.908	0.000	0.000	14.650	172.900	70.240	0%	0.153
%RSD		1.455	1.746	0.000	0.000	1.706	2.084	0.865	1	19.780

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:40:58	-2.909	4.443	174.900	35.260	2.548	31.840	44.790	0.254	7.187
2	08:42:06	-3.734	4.684	199.100	35.390	2.520	33.310	44.070	0.236	7.627
3	08:43:14	-3.380	4.699	210.600	33.940	2.451	32.190	43.290	0.202	6.841
x		-3.341	4.609	194.900	34.860	2.506	32.450	44.050	0.231	7.218
σ		0.414	0.144	18.230	0.800	0.050	0.772	0.753	0.026	0.394
%RSD		12.380	3.116	9.357	2.294	1.987	2.378	1.708	11.380	5.460

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:40:58	28.290	28.170	134.500	0.653	0.371	1.117	0.604	0.369	-0.658
2	08:42:06	28.670	27.950	136.400	0.398	0.351	1.282	0.562	0.349	0.474
3	08:43:14	28.220	28.240	135.200	-0.172	0.280	1.483	0.748	0.279	-0.634
x		28.390	28.120	135.400	0.293	0.334	1.294	0.638	0.332	-0.273
σ		0.243	0.155	1.005	0.423	0.048	0.183	0.098	0.047	0.647
%RSD		0.855	0.552	0.743	144.300	14.280	14.150	15.310	14.280	236.800

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:40:58	0.437	0.301	0.384	0.367	0.321	0.011	85%	-1.190	0.101
2	08:42:06	0.390	0.269	0.363	0.347	0.303	0.013	85%	-1.425	0.109
3	08:43:14	0.378	0.228	0.219	0.355	0.350	0.016	85%	-0.738	0.106
x		0.401	0.266	0.322	0.356	0.324	0.013	85%	-1.118	0.105
σ		0.031	0.037	0.089	0.010	0.024	0.003	0%	0.349	0.004
%RSD		7.764	13.750	27.780	2.773	7.305	20.900	0	31.240	4.216

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:40:58	0.735	-1.198	0.101	0.075	0.266	0.327	15.160	15.290	89%
2	08:42:06	0.735	-1.434	0.128	0.034	0.272	0.293	16.110	15.430	89%
3	08:43:14	0.466	-0.747	0.124	0.093	0.228	0.262	15.600	15.250	89%
x		0.645	-1.126	0.118	0.067	0.255	0.294	15.620	15.330	89%
σ		0.155	0.349	0.014	0.030	0.024	0.032	0.474	0.092	0%
%RSD		24.070	31.020	12.080	45.130	9.291	11.010	3.036	0.604	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:40:58	89%	0.429	0.466	0.312	0.305	0.318	92%	0.093
2	08:42:06	90%	0.311	0.304	0.316	0.267	0.296	92%	0.087
3	08:43:14	90%	0.233	0.247	0.290	0.267	0.275	92%	0.073
x		90%	0.324	0.339	0.306	0.280	0.296	92%	0.084
σ		0%	0.099	0.114	0.014	0.022	0.022	0%	0.010
%RSD		0	30.460	33.540	4.635	7.840	7.259	0	11.750

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:48:54	78%	-0.179	7.264	0.000	1660.000	794.200	781.200	791.000	69.510
2	08:50:02	79%	-0.093	7.275	0.000	1641.000	780.300	779.100	777.900	68.620
3	08:51:10	78%	-0.113	6.637	0.000	1674.000	800.700	772.400	781.500	70.690
x		78%	-0.128	7.059	0.000	1658.000	791.700	777.600	783.500	69.610
σ		1%	0.045	0.365	0.000	16.280	10.440	4.563	6.752	1.041
%RSD		1	35.080	5.175	0.000	0.982	1.318	0.587	0.862	1.496

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:48:54	2045.000	345.500	0.000	0.000	909.000	9151.000	8939.000	84%	0.601
2	08:50:02	2027.000	342.900	0.000	0.000	910.600	9183.000	8921.000	84%	0.670
3	08:51:10	2059.000	351.500	0.000	0.000	919.200	9071.000	8970.000	84%	0.710
x		2044.000	346.600	0.000	0.000	913.000	9135.000	8943.000	84%	0.661
σ		15.680	4.394	0.000	0.000	5.471	57.560	24.920	0%	0.055
%RSD		0.768	1.268	0.000	0.000	0.599	0.630	0.279	0	8.347

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:48:54	-4.288	0.862	210.100	15.940	1.396	16.230	27.000	0.067	0.461
2	08:50:02	-2.516	0.844	224.600	16.930	1.373	15.210	21.000	0.060	0.687
3	08:51:10	-2.953	0.916	236.300	17.200	1.336	16.320	22.420	0.064	0.580
x		-3.252	0.874	223.700	16.690	1.368	15.920	23.470	0.064	0.576
σ		0.923	0.037	13.090	0.664	0.030	0.617	3.138	0.003	0.113
%RSD		28.370	4.267	5.850	3.977	2.215	3.876	13.370	5.326	19.690

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:48:54	31.520	31.690	135.000	0.640	0.605	1.385	0.794	0.602	-1.674
2	08:50:02	30.870	30.610	135.400	0.405	0.348	1.516	1.414	0.346	-0.266
3	08:51:10	31.350	31.060	134.500	0.703	0.118	1.580	0.369	0.117	1.842
x		31.240	31.120	135.000	0.583	0.357	1.493	0.859	0.355	-0.033
σ		0.337	0.542	0.436	0.157	0.244	0.099	0.526	0.243	1.770
%RSD		1.077	1.742	0.323	26.970	68.380	6.649	61.200	68.450	5378.000

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:48:54	0.304	0.126	0.155	0.192	0.148	0.013	85%	-0.757	0.053
2	08:50:02	0.275	0.141	0.140	0.225	0.120	0.011	86%	-1.202	0.046
3	08:51:10	0.279	0.146	0.152	0.105	0.107	0.009	86%	-0.884	0.052
x		0.286	0.138	0.149	0.174	0.125	0.011	85%	-0.948	0.050
σ		0.016	0.010	0.008	0.062	0.021	0.002	1%	0.230	0.004
%RSD		5.516	7.526	5.407	35.550	16.590	17.420	1	24.240	7.192

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:48:54	0.363	-0.767	0.051	0.047	0.181	0.209	16.240	15.590	89%
2	08:50:02	0.601	-1.211	0.045	-0.002	0.199	0.163	15.690	15.450	89%
3	08:51:10	0.422	-0.892	0.065	0.010	0.206	0.158	15.890	15.550	90%
x		0.462	-0.957	0.054	0.018	0.196	0.177	15.940	15.530	89%
σ		0.124	0.229	0.010	0.026	0.013	0.028	0.280	0.074	0%
%RSD		26.840	23.920	19.380	138.900	6.664	15.910	1.758	0.480	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:48:54	90%	0.110	0.117	0.319	0.318	0.321	92%	0.037
2	08:50:02	90%	0.099	0.097	0.324	0.315	0.312	93%	0.036
3	08:51:10	90%	0.104	0.103	0.338	0.319	0.334	93%	0.037
x		90%	0.104	0.106	0.327	0.317	0.322	93%	0.037
σ		0%	0.006	0.010	0.010	0.002	0.011	0%	0.001
%RSD		0	5.424	9.820	3.033	0.689	3.382	0	1.852

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:56:50	77%	-0.085	6.233	0.000	2163.000	762.200	752.000	755.800	89.130
2	08:57:59	77%	-0.132	6.756	0.000	2209.000	783.800	772.500	773.800	92.220
3	08:59:07	79%	-0.178	6.028	0.000	2130.000	758.100	740.000	751.700	88.460
x		78%	-0.132	6.339	0.000	2167.000	768.000	754.800	760.400	89.940
σ		1%	0.047	0.376	0.000	39.430	13.820	16.450	11.730	2.008
%RSD		2	35.380	5.924	0.000	1.819	1.800	2.180	1.543	2.233

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:56:50	2020.000	326.200	0.000	0.000	875.300	8420.000	8187.000	85%	0.941
2	08:57:59	2059.000	344.800	0.000	0.000	904.700	8458.000	8341.000	85%	1.032
3	08:59:07	2024.000	336.300	0.000	0.000	867.000	8442.000	8099.000	86%	0.865
x		2034.000	335.800	0.000	0.000	882.300	8440.000	8209.000	85%	0.946
σ		21.780	9.332	0.000	0.000	19.830	18.810	122.800	1%	0.084
%RSD		1.071	2.779	0.000	0.000	2.247	0.223	1.496	1	8.871

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:56:50	-3.831	0.959	228.000	15.790	2.130	18.720	24.760	0.051	0.863
2	08:57:59	-4.291	0.964	246.900	15.450	2.196	18.700	24.940	0.053	0.700
3	08:59:07	-3.302	0.919	249.200	14.380	2.102	17.980	22.230	0.026	0.663
x		-3.808	0.948	241.400	15.210	2.143	18.470	23.980	0.043	0.742
σ		0.495	0.025	11.620	0.736	0.048	0.421	1.518	0.015	0.106
%RSD		12.990	2.599	4.812	4.843	2.245	2.280	6.330	34.250	14.310

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:56:50	99.340	100.300	177.300	-0.424	-0.591	1.702	0.307	-0.588	3.154
2	08:57:59	101.900	102.100	179.900	0.133	-0.066	1.683	0.739	-0.065	2.820
3	08:59:07	99.180	98.170	175.900	0.572	-0.584	1.727	-0.320	-0.581	3.522
x		100.100	100.200	177.700	0.093	-0.414	1.704	0.242	-0.412	3.165
σ		1.539	1.979	2.054	0.499	0.301	0.022	0.532	0.300	0.351
%RSD		1.537	1.975	1.156	534.000	72.840	1.285	219.800	72.840	11.090

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:56:50	0.234	0.107	0.076	0.127	0.106	0.007	86%	-0.789	0.032
2	08:57:59	0.211	0.063	0.077	0.098	0.071	0.005	85%	-1.221	0.033
3	08:59:07	0.196	0.077	0.085	0.108	0.051	0.009	87%	-0.802	0.037
x		0.214	0.082	0.079	0.111	0.076	0.007	86%	-0.937	0.034
σ		0.019	0.023	0.005	0.015	0.027	0.002	1%	0.246	0.002
%RSD		9.054	27.430	5.966	13.510	36.100	24.050	1	26.220	6.740

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:56:50	0.545	-0.797	0.040	-0.030	0.136	0.137	18.190	17.810	90%
2	08:57:59	0.723	-1.230	0.037	-0.034	0.117	0.120	18.400	18.260	90%
3	08:59:07	0.411	-0.810	0.034	-0.012	0.054	0.121	17.980	17.760	90%
x		0.560	-0.946	0.037	-0.025	0.102	0.126	18.190	17.950	90%
σ		0.157	0.246	0.003	0.012	0.043	0.009	0.211	0.275	0%
%RSD		27.990	26.050	8.130	46.160	41.590	7.263	1.157	1.534	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:56:50	90%	0.064	0.064	0.143	0.137	0.141	93%	0.025
2	08:57:59	90%	0.052	0.047	0.172	0.129	0.147	93%	0.022
3	08:59:07	90%	0.036	0.042	0.148	0.139	0.148	93%	0.016
x		90%	0.051	0.051	0.155	0.135	0.146	93%	0.021
σ		0%	0.014	0.012	0.016	0.005	0.004	0%	0.005
%RSD		0	28.070	23.100	10.200	4.068	2.629	0	23.150

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:04:47	78%	-0.106	6.310	0.000	2975.000	804.500	784.900	787.900	131.800
2	09:05:55	78%	-0.154	6.189	0.000	2961.000	812.100	794.900	804.500	131.000
3	09:07:03	77%	-0.288	7.275	0.000	2988.000	812.400	809.500	802.500	132.500
x		78%	-0.183	6.591	0.000	2975.000	809.700	796.400	798.300	131.800
σ		0%	0.094	0.595	0.000	13.360	4.491	12.380	9.060	0.769
%RSD		0	51.690	9.028	0.000	0.449	0.555	1.555	1.135	0.584

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:04:47	2002.000	319.800	0.000	0.000	874.400	8479.000	8265.000	85%	0.735
2	09:05:55	2026.000	329.500	0.000	0.000	902.700	8594.000	8367.000	84%	0.840
3	09:07:03	2069.000	333.500	0.000	0.000	894.900	8728.000	8314.000	84%	0.778
x		2033.000	327.600	0.000	0.000	890.600	8600.000	8316.000	84%	0.784
σ		33.920	7.022	0.000	0.000	14.620	124.700	51.060	1%	0.053
%RSD		1.669	2.143	0.000	0.000	1.642	1.450	0.614	1	6.744

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:04:47	-3.109	0.910	229.300	14.990	2.271	17.210	20.630	0.045	0.775
2	09:05:55	-4.785	0.973	248.800	17.780	2.188	17.940	21.260	0.048	0.646
3	09:07:03	-4.900	0.995	256.300	15.430	2.154	16.920	23.000	0.063	0.720
x		-4.265	0.959	244.800	16.070	2.204	17.360	21.630	0.052	0.714
σ		1.003	0.044	13.920	1.497	0.061	0.527	1.230	0.010	0.065
%RSD		23.510	4.600	5.686	9.321	2.745	3.034	5.687	18.280	9.074

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:04:47	27.270	27.710	183.000	0.358	-0.202	1.498	-0.584	-0.201	1.234
2	09:05:55	27.760	27.650	181.300	0.690	-0.111	1.631	0.577	-0.111	0.633
3	09:07:03	27.830	27.450	183.100	-0.606	0.003	1.861	0.094	0.003	1.248
x		27.620	27.600	182.400	0.147	-0.103	1.663	0.029	-0.103	1.038
σ		0.305	0.135	1.003	0.673	0.103	0.184	0.583	0.102	0.351
%RSD		1.106	0.490	0.550	457.200	99.110	11.050	2011.000	99.030	33.820

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:04:47	0.118	0.030	0.044	0.104	0.077	0.011	87%	-0.437	0.030
2	09:05:55	0.074	0.044	0.039	0.087	0.022	0.002	86%	-1.113	0.027
3	09:07:03	0.093	0.010	0.036	0.122	0.050	0.007	87%	-1.605	0.022
x		0.095	0.028	0.040	0.104	0.050	0.006	86%	-1.052	0.027
σ		0.022	0.017	0.004	0.017	0.028	0.004	0%	0.586	0.004
%RSD		23.230	60.450	9.809	16.410	55.820	68.570	0	55.730	15.490

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:04:47	0.321	-0.443	0.034	0.024	0.176	0.092	16.810	16.140	89%
2	09:05:55	0.530	-1.121	0.021	-0.040	0.167	0.087	17.020	16.550	90%
3	09:07:03	0.845	-1.611	0.017	-0.059	0.193	0.081	17.580	16.770	90%
x		0.565	-1.059	0.024	-0.025	0.179	0.086	17.140	16.480	90%
σ		0.264	0.587	0.009	0.043	0.013	0.005	0.398	0.320	0%
%RSD		46.680	55.410	38.190	176.400	7.353	6.245	2.322	1.938	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:04:47	90%	0.044	0.044	0.492	0.455	0.459	92%	0.006
2	09:05:55	90%	0.024	0.039	0.506	0.418	0.468	93%	0.004
3	09:07:03	91%	0.023	0.030	0.455	0.401	0.443	93%	0.006
x		90%	0.031	0.038	0.484	0.425	0.457	93%	0.005
σ		1%	0.012	0.007	0.026	0.028	0.012	0%	0.001
%RSD		1	38.730	19.080	5.395	6.503	2.736	0	21.230

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:12:43	78%	-0.230	6.628	0.000	2727.000	819.600	807.200	807.600	77.050
2	09:13:52	78%	-0.288	5.605	0.000	2801.000	840.900	823.900	832.600	79.940
3	09:15:00	78%	-0.165	7.793	0.000	2739.000	819.300	812.700	814.500	78.130
x		78%	-0.228	6.675	0.000	2756.000	826.600	814.600	818.200	78.370
σ		0%	0.062	1.095	0.000	39.730	12.360	8.490	12.880	1.465
%RSD		0	27.090	16.400	0.000	1.442	1.496	1.042	1.574	1.870

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:12:43	1957.000	348.900	0.000	0.000	902.300	9258.000	9150.000	85%	0.752
2	09:13:52	2056.000	371.200	0.000	0.000	932.700	9709.000	9466.000	84%	0.806
3	09:15:00	1988.000	352.900	0.000	0.000	904.800	9497.000	9098.000	85%	0.751
x		2000.000	357.600	0.000	0.000	913.300	9488.000	9238.000	85%	0.770
σ		50.360	11.870	0.000	0.000	16.850	225.500	199.300	1%	0.032
%RSD		2.518	3.320	0.000	0.000	1.845	2.377	2.158	1	4.159

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:12:43	-3.108	1.094	237.300	17.260	1.530	20.290	27.130	0.025	0.521
2	09:13:52	-4.672	1.204	259.500	18.810	1.526	21.830	30.430	0.037	0.623
3	09:15:00	-2.575	1.136	260.000	18.510	1.472	20.010	28.490	0.043	0.665
x		-3.452	1.145	252.300	18.190	1.509	20.710	28.680	0.035	0.603
σ		1.090	0.055	12.940	0.820	0.032	0.984	1.661	0.009	0.074
%RSD		31.580	4.828	5.130	4.508	2.146	4.751	5.791	26.530	12.270

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:12:43	24.550	24.850	125.800	1.019	-0.611	1.542	1.297	-0.608	4.420
2	09:13:52	25.810	25.930	128.300	0.022	0.142	1.817	1.114	0.141	1.113
3	09:15:00	25.100	25.160	125.900	0.798	-0.360	1.740	0.241	-0.358	2.140
x		25.150	25.310	126.700	0.613	-0.277	1.699	0.884	-0.275	2.558
σ		0.631	0.557	1.394	0.524	0.384	0.142	0.564	0.382	1.693
%RSD		2.509	2.199	1.100	85.400	138.700	8.361	63.870	138.700	66.190

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:12:43	0.342	0.058	0.091	0.140	0.046	0.004	86%	-2.360	0.019
2	09:13:52	0.373	0.063	0.056	0.102	0.043	0.007	85%	-0.137	0.006
3	09:15:00	0.370	0.041	0.052	0.113	0.045	0.009	87%	-0.961	0.017
x		0.362	0.054	0.066	0.118	0.045	0.006	86%	-1.153	0.014
σ		0.017	0.011	0.022	0.019	0.001	0.003	1%	1.124	0.007
%RSD		4.679	21.170	32.480	16.350	2.588	41.450	1	97.510	48.710

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:12:43	1.119	-2.368	0.021	-0.081	0.126	0.090	16.750	15.970	90%
2	09:13:52	0.097	-0.145	0.019	0.004	0.090	0.084	17.560	16.330	89%
3	09:15:00	0.485	-0.968	0.020	0.014	0.088	0.087	16.020	15.880	90%
x		0.567	-1.160	0.020	-0.021	0.101	0.087	16.780	16.060	90%
σ		0.516	1.124	0.001	0.052	0.021	0.003	0.771	0.236	1%
%RSD		90.980	96.830	6.388	245.800	20.940	3.686	4.592	1.470	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:12:43	91%	0.028	0.037	0.329	0.284	0.317	94%	0.035
2	09:13:52	90%	0.021	0.025	0.321	0.264	0.306	93%	0.032
3	09:15:00	90%	0.033	0.022	0.328	0.269	0.314	92%	0.038
x		90%	0.027	0.028	0.326	0.272	0.313	93%	0.035
σ		0%	0.006	0.008	0.004	0.010	0.006	1%	0.003
%RSD		0	22.400	28.380	1.339	3.815	1.851	1	8.575

HNO3-5% 11/09/2011 09:27:32 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:28:40	77%	-0.254	-0.598	0.000	63.990	1.927	1.995	1.697	0.263
2	09:29:48	78%	-0.131	-0.606	0.000	66.570	1.416	1.812	1.849	-0.002
3	09:30:56	77%	-0.244	-0.593	0.000	66.960	0.743	0.554	0.527	0.010
x		77%	-0.210	-0.599	0.000	65.840	1.362	1.454	1.357	0.090
σ		1%	0.069	0.006	0.000	1.616	0.594	0.785	0.723	0.149
%RSD		1	32.730	1.056	0.000	2.455	43.610	53.980	53.290	165.300

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:28:40	1.727	-5.059	0.000	0.000	86.980	7.743	15.420	85%	0.044
2	09:29:48	1.703	-4.026	0.000	0.000	81.420	7.710	11.030	85%	-0.029
3	09:30:56	1.847	-0.304	0.000	0.000	76.000	14.070	3.775	86%	-0.122
x		1.759	-3.129	0.000	0.000	81.470	9.840	10.070	85%	-0.036
σ		0.077	2.501	0.000	0.000	5.493	3.660	5.879	1%	0.083
%RSD		4.397	79.910	0.000	0.000	6.743	37.200	58.370	1	234.200

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:28:40	-2.467	0.671	166.400	17.340	0.130	7.297	-10.050	0.007	0.084
2	09:29:48	-1.536	0.665	149.900	13.900	0.136	6.796	-4.561	0.001	0.070
3	09:30:56	-0.969	0.576	135.700	16.260	0.106	5.482	-5.587	0.012	0.013
x		-1.657	0.637	150.700	15.830	0.124	6.525	-6.731	0.007	0.056
σ		0.757	0.054	15.380	1.762	0.016	0.938	2.916	0.005	0.038
%RSD		45.660	8.409	10.210	11.130	12.850	14.370	43.310	79.500	67.500

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:28:40	-0.003	0.007	0.133	0.198	-0.429	1.414	0.859	-0.426	2.413
2	09:29:48	-0.048	-0.042	0.071	0.051	0.298	1.304	0.081	0.297	-0.206
3	09:30:56	-0.031	-0.034	-0.033	-1.282	-0.629	1.394	0.424	-0.626	3.272
x		-0.027	-0.023	0.057	-0.344	-0.253	1.371	0.454	-0.252	1.826
σ		0.022	0.026	0.084	0.815	0.488	0.059	0.390	0.486	1.812
%RSD		82.000	114.200	147.400	236.800	192.800	4.300	85.840	192.700	99.210

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:28:40	0.003	-0.006	0.026	0.017	-0.011	0.007	87%	-0.959	0.013
2	09:29:48	0.014	-0.020	0.013	0.061	-0.007	0.009	86%	-1.074	0.009
3	09:30:56	-0.002	0.005	-0.005	0.017	-0.024	0.012	87%	-1.395	0.002
x		0.005	-0.007	0.011	0.031	-0.014	0.009	87%	-1.143	0.008
σ		0.008	0.012	0.016	0.025	0.009	0.003	0%	0.226	0.005
%RSD		155.200	167.700	138.000	80.810	64.030	28.490	0	19.750	67.360

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:28:40	0.455	-0.962	0.016	-0.031	0.029	0.009	0.021	0.013	88%
2	09:29:48	0.539	-1.081	0.007	-0.052	0.011	0.002	0.021	0.012	89%
3	09:30:56	0.662	-1.400	0.004	-0.069	0.009	0.007	0.035	0.007	89%
x		0.552	-1.147	0.009	-0.050	0.016	0.006	0.026	0.011	89%
σ		0.104	0.227	0.006	0.019	0.011	0.003	0.008	0.003	1%
%RSD		18.910	19.770	63.690	37.330	64.660	54.470	32.530	29.460	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:28:40	89%	0.015	0.023	0.010	0.009	0.007	91%	0.002
2	09:29:48	89%	0.016	0.017	0.002	-0.001	0.002	92%	0.001
3	09:30:56	89%	0.012	0.011	0.005	-0.001	0.004	91%	-0.000
x		89%	0.014	0.017	0.005	0.002	0.005	91%	0.001
σ		0%	0.002	0.006	0.004	0.006	0.003	0%	0.001
%RSD		0	16.480	34.260	77.930	265.100	54.980	0	114.200

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:36:37	81%	-0.072	11.520	0.000	22450.000	1814.000	1767.000	1788.000	5307.000
2	09:37:45	85%	-0.096	13.540	0.000	22120.000	1788.000	1751.000	1755.000	5207.000
3	09:38:53	83%	0.005	11.960	0.000	22450.000	1803.000	1768.000	1788.000	5354.000
x		83%	-0.054	12.340	0.000	22340.000	1802.000	1762.000	1777.000	5289.000
σ		2%	0.053	1.063	0.000	189.300	13.090	9.504	19.200	74.980
%RSD		2	97.820	8.617	0.000	0.847	0.727	0.539	1.081	1.418

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:36:37	14100.000	166.700	0.000	0.000	39230.000	37200.000	36380.000	85%	75.160
2	09:37:45	13820.000	161.500	0.000	0.000	38740.000	37340.000	36020.000	87%	71.840
3	09:38:53	14050.000	165.500	0.000	0.000	39340.000	37450.000	36200.000	87%	80.980
x		13990.000	164.600	0.000	0.000	39100.000	37330.000	36200.000	86%	75.990
σ		151.500	2.714	0.000	0.000	323.800	127.000	180.400	1%	4.626
%RSD		1.083	1.649	0.000	0.000	0.828	0.340	0.498	1	6.087

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:36:37	41.380	1614.000	739.800	11840.000	324.900	12300.000	11680.000	14.800	714.500
2	09:37:45	35.610	1605.000	866.500	11780.000	325.000	12240.000	11490.000	14.870	710.100
3	09:38:53	44.000	1617.000	966.400	11960.000	329.200	12400.000	11710.000	14.890	712.700
x		40.330	1612.000	857.600	11860.000	326.400	12320.000	11630.000	14.860	712.400
σ		4.292	5.942	113.600	92.890	2.450	82.520	121.600	0.046	2.183
%RSD		10.640	0.369	13.240	0.783	0.751	0.670	1.046	0.307	0.306

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:36:37	64.770	64.350	25.990	6.992	0.680	5.791	1.298	0.680	1.678
2	09:37:45	63.550	64.000	26.350	9.209	0.416	6.258	1.877	0.417	2.483
3	09:38:53	64.930	64.140	26.520	5.988	0.095	7.494	1.688	0.095	2.490
x		64.420	64.160	26.290	7.396	0.397	6.514	1.621	0.397	2.217
σ		0.758	0.176	0.271	1.648	0.293	0.880	0.295	0.293	0.467
%RSD		1.177	0.275	1.031	22.290	73.710	13.510	18.210	73.640	21.050

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:36:37	48.250	42.850	43.520	43.540	43.120	0.002	82%	-0.183	0.052
2	09:37:45	50.550	43.260	44.790	43.760	43.450	0.009	83%	0.029	0.063
3	09:38:53	50.080	43.470	44.290	43.020	42.700	0.009	83%	0.547	0.058
x		49.630	43.190	44.200	43.440	43.090	0.007	83%	0.131	0.058
σ		1.216	0.317	0.639	0.381	0.380	0.004	1%	0.376	0.005
%RSD		2.449	0.733	1.445	0.876	0.881	62.730	1	286.600	9.339

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:36:37	0.559	-0.193	0.063	0.084	2.363	0.938	19.890	19.530	86%
2	09:37:45	0.685	0.021	0.067	0.050	2.585	0.984	20.080	19.470	86%
3	09:38:53	0.294	0.540	0.056	0.146	2.535	0.997	20.630	19.630	86%
x		0.513	0.123	0.062	0.093	2.494	0.973	20.200	19.540	86%
σ		0.200	0.377	0.006	0.049	0.116	0.031	0.383	0.080	0%
%RSD		38.990	306.300	8.922	52.250	4.661	3.207	1.893	0.411	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:36:37	86%	0.044	0.054	4.066	3.606	3.872	87%	0.461
2	09:37:45	87%	0.036	0.038	4.014	3.687	3.889	87%	0.495
3	09:38:53	87%	0.037	0.041	4.079	3.724	3.927	87%	0.471
x		87%	0.039	0.044	4.053	3.672	3.896	87%	0.476
σ		0%	0.004	0.009	0.034	0.061	0.028	0%	0.018
%RSD		0	11.040	19.300	0.850	1.655	0.723	0	3.691

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:44:35	85%	-0.057	13.830	0.000	21660.000	1816.000	1783.000	1782.000	5268.000
2	09:45:43	83%	-0.034	11.950	0.000	22190.000	1841.000	1809.000	1807.000	5352.000
3	09:46:51	84%	-0.068	11.030	0.000	22160.000	1838.000	1829.000	1832.000	5385.000
x		84%	-0.053	12.270	0.000	22000.000	1832.000	1807.000	1807.000	5335.000
σ		1%	0.017	1.427	0.000	298.200	13.780	22.700	24.710	60.310
%RSD		1	32.620	11.630	0.000	1.355	0.752	1.256	1.368	1.131

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:44:35	13710.000	159.000	0.000	0.000	38390.000	36420.000	35490.000	86%	77.470
2	09:45:43	13840.000	166.200	0.000	0.000	38780.000	37160.000	35690.000	87%	78.690
3	09:46:51	13950.000	160.100	0.000	0.000	38730.000	36870.000	35830.000	87%	76.970
x		13830.000	161.800	0.000	0.000	38630.000	36820.000	35670.000	87%	77.710
σ		118.700	3.910	0.000	0.000	216.700	372.800	168.100	0%	0.886
%RSD		0.858	2.417	0.000	0.000	0.561	1.012	0.471	0	1.140

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:44:35	42.550	1603.000	1021.000	11730.000	321.100	12300.000	11600.000	14.720	697.200
2	09:45:43	37.780	1600.000	1165.000	11890.000	323.800	12350.000	11590.000	14.890	709.100
3	09:46:51	42.470	1608.000	1251.000	11840.000	325.400	12430.000	11690.000	14.800	709.100
x		40.930	1604.000	1146.000	11820.000	323.400	12360.000	11630.000	14.800	705.200
σ		2.734	4.485	116.300	82.010	2.213	68.780	57.840	0.086	6.880
%RSD		6.678	0.280	10.150	0.694	0.684	0.556	0.497	0.581	0.976

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:44:35	63.660	63.640	26.320	5.175	0.212	7.934	0.977	0.212	2.973
2	09:45:43	64.400	64.300	25.790	5.237	0.973	8.759	0.794	0.973	3.621
3	09:46:51	63.890	64.010	26.400	7.814	0.858	9.004	0.554	0.860	1.206
x		63.980	63.980	26.170	6.075	0.681	8.566	0.775	0.682	2.600
σ		0.379	0.331	0.331	1.506	0.410	0.561	0.212	0.411	1.250
%RSD		0.592	0.518	1.264	24.790	60.230	6.543	27.320	60.220	48.060

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:44:35	48.490	42.090	43.510	42.400	42.750	0.013	83%	0.381	0.060
2	09:45:43	49.460	43.470	43.970	42.360	43.270	0.017	83%	-0.297	0.053
3	09:46:51	49.420	43.040	43.550	42.710	42.600	0.007	82%	0.268	0.056
x		49.120	42.860	43.670	42.490	42.870	0.012	83%	0.117	0.056
σ		0.549	0.706	0.256	0.193	0.349	0.005	0%	0.364	0.003
%RSD		1.117	1.646	0.586	0.455	0.814	37.610	0	309.800	5.946

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:44:35	0.464	0.375	0.047	0.082	2.429	0.989	21.020	19.890	85%
2	09:45:43	0.494	-0.305	0.062	0.091	2.430	0.963	20.040	19.930	86%
3	09:46:51	0.403	0.260	0.049	0.125	2.541	1.026	20.080	19.530	85%
x		0.454	0.110	0.053	0.099	2.467	0.993	20.380	19.780	85%
σ		0.046	0.364	0.008	0.022	0.064	0.032	0.554	0.220	0%
%RSD		10.190	331.500	16.010	22.550	2.601	3.229	2.720	1.110	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:44:35	85%	0.037	0.027	3.983	3.578	3.861	85%	0.465
2	09:45:43	86%	0.027	0.020	4.047	3.719	3.856	87%	0.459
3	09:46:51	85%	0.030	0.040	4.027	3.688	3.908	86%	0.487
x		86%	0.031	0.029	4.019	3.662	3.875	86%	0.471
σ		0%	0.005	0.010	0.033	0.074	0.028	1%	0.015
%RSD		0	15.550	34.070	0.818	2.020	0.734	1	3.158

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:52:34	74%	-0.148	2.587	0.000	4773.000	377.100	372.200	376.200	1071.000
2	09:53:41	75%	-0.228	3.198	0.000	4778.000	382.500	383.200	380.900	1089.000
3	09:54:50	76%	-0.190	1.576	0.000	4685.000	374.800	370.200	367.400	1062.000
x		75%	-0.189	2.454	0.000	4746.000	378.200	375.200	374.800	1074.000
σ		1%	0.040	0.819	0.000	52.450	3.952	6.993	6.882	13.820
%RSD		1	21.170	33.370	0.000	1.105	1.045	1.864	1.836	1.286

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:52:34	2808.000	40.600	0.000	0.000	8139.000	7538.000	7431.000	83%	14.040
2	09:53:41	2870.000	32.190	0.000	0.000	8293.000	7864.000	7612.000	81%	14.020
3	09:54:50	2782.000	33.700	0.000	0.000	8124.000	7455.000	7375.000	82%	13.060
x		2820.000	35.500	0.000	0.000	8185.000	7619.000	7473.000	82%	13.710
σ		45.310	4.482	0.000	0.000	93.570	216.300	123.900	1%	0.561
%RSD		1.607	12.630	0.000	0.000	1.143	2.839	1.658	1	4.091

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:52:34	-1.189	308.500	362.200	2425.000	66.320	2547.000	2345.000	3.054	145.700
2	09:53:41	0.066	313.400	372.100	2502.000	67.980	2612.000	2414.000	3.142	150.100
3	09:54:50	4.514	312.400	357.200	2450.000	66.950	2557.000	2362.000	2.945	147.300
x		1.130	311.400	363.900	2459.000	67.080	2572.000	2374.000	3.047	147.700
σ		2.997	2.615	7.561	39.610	0.838	34.770	36.250	0.099	2.192
%RSD		265.100	0.840	2.078	1.611	1.249	1.352	1.527	3.236	1.484

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:52:34	13.600	13.260	6.603	1.574	-0.113	2.753	0.910	-0.113	4.238
2	09:53:41	13.480	13.570	6.634	1.970	-0.282	2.795	0.113	-0.280	3.876
3	09:54:50	13.410	13.050	6.122	1.265	-0.658	2.801	1.386	-0.656	5.524
x		13.500	13.290	6.453	1.603	-0.351	2.783	0.803	-0.350	4.546
σ		0.099	0.257	0.287	0.354	0.279	0.026	0.643	0.278	0.866
%RSD		0.730	1.936	4.450	22.060	79.530	0.939	80.060	79.520	19.050

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:52:34	10.130	8.588	8.271	8.250	8.480	0.009	83%	0.255	0.025
2	09:53:41	10.020	8.595	9.190	8.701	8.835	0.011	81%	-1.033	0.017
3	09:54:50	9.846	8.583	9.113	8.787	8.569	0.007	82%	-0.096	0.023
x		9.997	8.589	8.858	8.579	8.628	0.009	82%	-0.291	0.022
σ		0.143	0.006	0.510	0.289	0.185	0.002	1%	0.666	0.004
%RSD		1.425	0.073	5.759	3.365	2.141	20.620	1	228.600	17.650

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:52:34	-0.002	0.251	0.035	0.051	0.457	0.189	4.056	4.011	84%
2	09:53:41	0.580	-1.040	0.036	-0.016	0.491	0.199	4.250	4.061	84%
3	09:54:50	0.223	-0.100	0.024	0.007	0.485	0.192	3.876	4.104	84%
x		0.267	-0.296	0.032	0.014	0.478	0.193	4.061	4.059	84%
σ		0.294	0.667	0.006	0.034	0.018	0.005	0.187	0.047	0%
%RSD		109.900	225.300	19.890	241.900	3.754	2.735	4.604	1.156	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:52:34	85%	0.014	0.013	0.801	0.776	0.788	86%	0.099
2	09:53:41	85%	0.011	0.005	0.876	0.782	0.809	86%	0.095
3	09:54:50	85%	0.008	0.006	0.818	0.749	0.786	86%	0.096
x		85%	0.011	0.008	0.831	0.769	0.794	86%	0.097
σ		0%	0.003	0.005	0.040	0.017	0.013	0%	0.002
%RSD		0	26.920	55.900	4.760	2.266	1.625	0	2.234

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:00:30	75%	501.100	473.100	0.000	55380.000	54210.000	53740.000	53430.000	10610.000
2	10:01:38	74%	513.700	485.500	0.000	56270.000	54980.000	54550.000	54470.000	10880.000
3	10:02:47	75%	516.300	508.000	0.000	55340.000	54360.000	54310.000	54380.000	10740.000
x		75%	510.400	488.900	0.000	55660.000	54520.000	54200.000	54090.000	10750.000
σ		1%	8.119	17.700	0.000	527.500	410.400	417.500	575.900	134.200
%RSD		1	1.591	3.620	0.000	0.948	0.753	0.770	1.065	1.249

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:00:30	505.700	10090.000	0.000	0.000	27040.000	49890.000	48180.000	82%	493.000
2	10:01:38	508.900	10190.000	0.000	0.000	27240.000	49910.000	48550.000	81%	488.500
3	10:02:47	508.400	10170.000	0.000	0.000	27280.000	50530.000	48350.000	82%	494.000
x		507.700	10150.000	0.000	0.000	27190.000	50110.000	48360.000	82%	491.800
σ		1.710	55.600	0.000	0.000	130.500	365.700	184.700	0%	2.918
%RSD		0.337	0.548	0.000	0.000	0.480	0.730	0.382	0	0.593

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:00:30	489.600	497.800	139.500	26940.000	994.800	26870.000	25460.000	500.300	497.200
2	10:01:38	494.400	502.700	129.400	27270.000	1007.000	27070.000	25630.000	507.700	506.400
3	10:02:47	495.200	501.300	119.200	26920.000	997.500	26970.000	25590.000	505.800	506.500
x		493.000	500.600	129.400	27040.000	999.600	26970.000	25560.000	504.600	503.300
σ		3.006	2.546	10.190	199.500	6.168	104.300	88.340	3.819	5.334
%RSD		0.610	0.509	7.878	0.738	0.617	0.387	0.346	0.757	1.060

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:00:30	996.900	1005.000	1003.000	483.200	485.200	0.565	480.600	483.300	4.877
2	10:01:38	1014.000	1009.000	1014.000	491.300	489.100	0.029	489.600	487.100	3.565
3	10:02:47	1008.000	1018.000	1007.000	489.900	485.700	-0.033	492.700	483.900	2.683
x		1007.000	1011.000	1008.000	488.100	486.600	0.187	487.600	484.800	3.708
σ		8.889	6.735	5.601	4.329	2.107	0.329	6.322	2.018	1.104
%RSD		0.883	0.666	0.556	0.887	0.433	176.000	1.296	0.416	29.760

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:00:30	487.100	483.800	482.000	480.700	480.700	0.015	82%	482.600	485.300
2	10:01:38	492.700	494.200	491.800	485.500	494.500	0.017	82%	498.100	491.700
3	10:02:47	496.600	497.200	490.500	492.800	495.700	0.022	82%	494.000	490.200
x		492.200	491.700	488.100	486.300	490.300	0.018	82%	491.600	489.000
σ		4.781	7.042	5.341	6.062	8.350	0.004	0%	8.028	3.353
%RSD		0.972	1.432	1.094	1.246	1.703	21.590	0	1.633	0.686

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:00:30	9.107	482.500	489.000	493.400	486.100	485.200	2446.000	2361.000	84%
2	10:01:38	6.809	497.900	490.400	494.100	491.800	492.500	2431.000	2372.000	84%
3	10:02:47	8.227	493.800	492.000	493.900	492.600	490.100	2457.000	2375.000	84%
x		8.047	491.400	490.500	493.800	490.200	489.300	2445.000	2370.000	84%
σ		1.160	7.972	1.494	0.363	3.521	3.753	13.110	7.543	0%
%RSD		14.410	1.622	0.305	0.073	0.718	0.767	0.536	0.318	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:00:30	85%	494.900	529.400	497.800	498.900	495.500	84%	546.300
2	10:01:38	85%	495.500	534.200	498.700	498.900	497.300	84%	538.700
3	10:02:47	85%	493.300	527.700	495.900	498.200	496.500	85%	542.500
x		85%	494.600	530.500	497.500	498.700	496.400	84%	542.500
σ		0%	1.129	3.370	1.429	0.412	0.874	0%	3.757
%RSD		0	0.228	0.635	0.287	0.083	0.176	0	0.693

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:08:26	74%	0.066	8.962	0.000	119.800	14.820	14.270	14.620	2.497
2	10:09:34	75%	-0.048	6.585	0.000	112.700	18.860	19.210	18.200	3.599
3	10:10:42	78%	0.037	4.970	0.000	94.260	13.610	14.470	12.670	2.564
x		76%	0.018	6.839	0.000	108.900	15.760	15.980	15.160	2.887
σ		2%	0.060	2.008	0.000	13.200	2.750	2.793	2.803	0.618
%RSD		3	324.400	29.360	0.000	12.120	17.450	17.480	18.490	21.410

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:08:26	0.998	1.341	0.000	0.000	87.630	13.570	9.833	82%	-0.039
2	10:09:34	2.192	-0.498	0.000	0.000	88.110	10.560	13.660	82%	0.226
3	10:10:42	0.676	-1.606	0.000	0.000	76.410	10.130	3.707	83%	-0.043
x		1.289	-0.255	0.000	0.000	84.050	11.420	9.067	82%	0.048
σ		0.799	1.489	0.000	0.000	6.622	1.876	5.022	1%	0.154
%RSD		61.970	585.100	0.000	0.000	7.878	16.430	55.380	1	322.100

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:08:26	-0.593	0.683	107.400	13.330	0.344	1.235	3.866	0.129	0.276
2	10:09:34	-0.101	0.833	106.500	14.320	0.433	3.765	6.668	0.181	0.257
3	10:10:42	-1.503	0.696	104.400	8.897	0.368	1.003	5.352	0.131	0.232
x		-0.732	0.737	106.100	12.180	0.382	2.001	5.296	0.147	0.255
σ		0.711	0.083	1.532	2.889	0.046	1.532	1.402	0.030	0.023
%RSD		97.110	11.220	1.443	23.710	12.050	76.550	26.480	20.160	8.821

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:08:26	0.239	0.243	0.279	0.007	-0.419	0.909	0.595	-0.417	2.951
2	10:09:34	0.338	0.216	0.440	0.244	0.100	0.859	0.854	0.099	1.606
3	10:10:42	0.204	0.200	0.305	-0.336	0.004	0.906	0.518	0.004	2.400
x		0.260	0.220	0.341	-0.028	-0.105	0.891	0.656	-0.105	2.319
σ		0.070	0.022	0.086	0.292	0.276	0.028	0.176	0.274	0.676
%RSD		26.750	9.836	25.250	1032.000	262.500	3.129	26.800	262.300	29.160

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:08:26	1.240	1.269	1.133	1.266	1.214	0.013	84%	-0.137	0.203
2	10:09:34	0.960	1.066	0.989	0.903	0.903	0.002	83%	0.375	0.232
3	10:10:42	0.569	0.729	0.738	0.786	0.682	0.013	85%	-0.381	0.176
x		0.923	1.021	0.953	0.985	0.933	0.009	84%	-0.048	0.203
σ		0.337	0.273	0.200	0.250	0.268	0.006	1%	0.386	0.028
%RSD		36.490	26.720	20.990	25.390	28.680	69.140	1	807.700	13.620

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:08:26	0.209	-0.138	0.221	0.105	0.432	0.936	0.620	0.732	84%
2	10:09:34	-0.091	0.376	0.202	0.263	0.389	0.755	0.748	0.857	83%
3	10:10:42	0.352	-0.381	0.197	0.065	0.321	0.562	0.629	0.551	85%
x		0.157	-0.048	0.207	0.145	0.381	0.751	0.665	0.713	84%
σ		0.226	0.387	0.012	0.105	0.056	0.187	0.071	0.154	1%
%RSD		144.100	810.100	5.979	72.270	14.710	24.950	10.700	21.560	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:08:26	83%	0.240	0.252	0.157	0.165	0.156	86%	0.148
2	10:09:34	84%	0.232	0.255	0.179	0.199	0.184	87%	0.178
3	10:10:42	85%	0.182	0.189	0.124	0.107	0.127	88%	0.136
x		84%	0.218	0.232	0.153	0.157	0.156	87%	0.154
σ		1%	0.031	0.037	0.027	0.047	0.029	1%	0.022
%RSD		1	14.440	16.160	17.910	29.710	18.600	1	14.130

C4436-01S 11/09/2011 10:15:14 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:16:22	89%	168.700	258.600	0.000	23530.000	3790.000	3482.000	3530.000	7264.000
2	10:17:30	90%	172.400	276.400	0.000	23940.000	3855.000	3510.000	3543.000	7300.000
3	10:18:38	90%	170.800	257.100	0.000	23830.000	3836.000	3496.000	3534.000	7317.000
x		90%	170.600	264.000	0.000	23770.000	3827.000	3496.000	3535.000	7294.000
σ		1%	1.849	10.770	0.000	209.100	33.750	14.010	6.685	27.250
%RSD		1	1.084	4.078	0.000	0.880	0.882	0.401	0.189	0.374

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:16:22	14710.000	5286.000	0.000	0.000	48060.000	38040.000	37340.000	84%	241.100
2	10:17:30	14900.000	5361.000	0.000	0.000	48560.000	38780.000	37720.000	85%	248.400
3	10:18:38	14810.000	5300.000	0.000	0.000	48310.000	37710.000	37340.000	87%	245.500
x		14810.000	5316.000	0.000	0.000	48310.000	38180.000	37470.000	85%	245.000
σ		91.720	40.050	0.000	0.000	248.800	546.300	221.400	1%	3.686
%RSD		0.620	0.753	0.000	0.000	0.515	1.431	0.591	2	1.504

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:16:22	319.500	1910.000	782.700	14400.000	506.000	15050.000	14160.000	197.300	1138.000
2	10:17:30	328.700	1945.000	973.600	14530.000	508.800	15230.000	14390.000	201.800	1162.000
3	10:18:38	311.100	1919.000	1123.000	14350.000	505.000	15010.000	14220.000	198.200	1149.000
x		319.800	1924.000	959.900	14420.000	506.600	15100.000	14260.000	199.100	1150.000
σ		8.827	18.460	170.800	91.130	1.976	119.400	119.400	2.372	11.640
%RSD		2.761	0.959	17.790	0.632	0.390	0.791	0.838	1.191	1.013

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:16:22	346.500	345.100	208.200	726.200	1753.000	3.278	1749.000	1755.000	3.920
2	10:17:30	351.200	349.200	218.000	734.300	1792.000	4.310	1784.000	1794.000	6.211
3	10:18:38	346.800	346.000	213.000	734.900	1777.000	4.315	1742.000	1780.000	6.538
x		348.100	346.800	213.100	731.800	1774.000	3.967	1759.000	1776.000	5.556
σ		2.620	2.149	4.916	4.850	19.230	0.597	22.430	19.890	1.426
%RSD		0.753	0.620	2.307	0.663	1.084	15.050	1.276	1.120	25.670

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:16:22	417.100	401.500	400.800	402.600	399.500	0.010	80%	190.400	69.810
2	10:17:30	421.900	408.800	407.800	408.000	406.300	0.023	80%	185.500	70.740
3	10:18:38	414.200	406.900	407.300	404.400	404.700	0.015	81%	186.900	70.140
x		417.700	405.700	405.300	405.000	403.500	0.016	80%	187.600	70.230
σ		3.911	3.827	3.899	2.748	3.512	0.007	1%	2.504	0.473
%RSD		0.936	0.943	0.962	0.678	0.870	42.220	1	1.335	0.673

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:16:22	1.881	190.300	69.790	184.700	645.400	712.600	200.500	195.700	82%
2	10:17:30	5.322	185.400	71.000	187.600	654.200	719.100	205.500	197.800	82%
3	10:18:38	6.779	186.900	70.040	185.600	643.800	716.000	202.500	194.700	83%
x		4.661	187.500	70.270	186.000	647.800	715.900	202.900	196.100	82%
σ		2.515	2.489	0.639	1.492	5.618	3.239	2.513	1.538	0%
%RSD		53.960	1.327	0.909	0.802	0.867	0.452	1.239	0.785	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:16:22	82%	1914.000	1902.000	957.300	873.200	951.500	83%	0.499
2	10:17:30	82%	1942.000	1943.000	973.000	888.700	961.500	83%	0.495
3	10:18:38	83%	1938.000	1934.000	968.500	879.900	964.500	83%	0.492
x		82%	1932.000	1926.000	966.300	880.600	959.200	83%	0.495
σ		0%	15.080	21.600	8.100	7.771	6.802	0%	0.003
%RSD		0	0.781	1.121	0.838	0.883	0.709	0	0.698

C4436-01SD 11/09/2011 10:23:10 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:24:18	90%	167.000	263.100	0.000	22950.000	3686.000	3380.000	3379.000	7108.000
2	10:25:27	90%	167.700	266.900	0.000	23280.000	3740.000	3418.000	3422.000	7164.000
3	10:26:34	91%	166.100	269.400	0.000	23060.000	3691.000	3361.000	3402.000	7051.000
x		90%	166.900	266.500	0.000	23100.000	3706.000	3386.000	3401.000	7108.000
σ		1%	0.771	3.197	0.000	169.400	29.880	28.980	21.630	56.700
%RSD		1	0.462	1.200	0.000	0.733	0.806	0.856	0.636	0.798

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:24:18	14280.000	5216.000	0.000	0.000	46400.000	37290.000	36060.000	85%	241.000
2	10:25:27	14400.000	5322.000	0.000	0.000	47110.000	37330.000	36630.000	84%	246.400
3	10:26:34	14240.000	5214.000	0.000	0.000	46650.000	36630.000	35700.000	86%	242.900
x		14310.000	5251.000	0.000	0.000	46720.000	37080.000	36130.000	85%	243.500
σ		82.830	62.070	0.000	0.000	361.900	394.000	470.800	1%	2.726
%RSD		0.579	1.182	0.000	0.000	0.775	1.063	1.303	1	1.120

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:24:18	313.500	1854.000	1126.000	13760.000	487.800	14380.000	13660.000	197.000	1094.000
2	10:25:27	310.700	1860.000	1329.000	13940.000	494.300	14610.000	13790.000	197.500	1119.000
3	10:26:34	302.700	1844.000	1427.000	13880.000	493.100	14550.000	13640.000	197.200	1109.000
x		309.000	1852.000	1294.000	13860.000	491.700	14520.000	13700.000	197.200	1107.000
σ		5.571	8.164	153.800	89.330	3.440	116.800	81.760	0.205	12.100
%RSD		1.803	0.441	11.880	0.645	0.700	0.805	0.597	0.104	1.093

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:24:18	342.100	340.700	207.800	721.600	1749.000	4.486	1740.000	1751.000	2.981
2	10:25:27	343.700	343.500	207.200	722.300	1758.000	6.670	1759.000	1759.000	3.582
3	10:26:34	342.900	343.800	204.400	713.400	1747.000	7.192	1753.000	1750.000	4.753
x		342.900	342.700	206.500	719.100	1751.000	6.116	1751.000	1753.000	3.772
σ		0.787	1.685	1.824	4.937	5.887	1.435	9.198	5.342	0.901
%RSD		0.229	0.492	0.883	0.687	0.336	23.470	0.526	0.305	23.880

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:24:18	401.900	395.200	395.900	393.200	396.900	0.025	80%	178.400	69.010
2	10:25:27	405.900	398.200	398.200	394.200	400.400	0.008	80%	185.000	68.460
3	10:26:34	412.400	398.800	398.300	397.400	398.700	0.017	80%	181.900	68.650
x		406.700	397.400	397.400	394.900	398.600	0.016	80%	181.800	68.710
σ		5.342	1.940	1.340	2.190	1.751	0.009	0%	3.315	0.280
%RSD		1.313	0.488	0.337	0.555	0.439	51.950	0	1.824	0.408

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:24:18	7.432	178.300	68.330	180.500	626.000	694.100	197.800	191.300	82%
2	10:25:27	3.335	184.900	69.010	184.100	635.500	704.200	199.900	190.900	82%
3	10:26:34	2.874	181.900	69.340	183.200	635.800	701.900	197.700	191.200	82%
x		4.547	181.700	68.890	182.600	632.500	700.100	198.500	191.200	82%
σ		2.509	3.298	0.517	1.855	5.559	5.267	1.220	0.183	0%
%RSD		55.180	1.815	0.750	1.016	0.879	0.752	0.614	0.095	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:24:18	83%	1885.000	1904.000	949.800	872.600	948.500	82%	0.481
2	10:25:27	83%	1920.000	1911.000	954.500	867.800	945.100	82%	0.470
3	10:26:34	82%	1917.000	1912.000	958.600	874.000	951.100	82%	0.467
x		82%	1907.000	1909.000	954.300	871.500	948.200	82%	0.473
σ		0%	19.840	4.164	4.383	3.248	3.005	0%	0.007
%RSD		0	1.040	0.218	0.459	0.373	0.317	0	1.534

C4436-01A 11/09/2011 10:31:07 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:32:15	90%	183.000	280.100	0.000	23170.000	3819.000	3466.000	3515.000	6917.000
2	10:33:24	91%	181.700	294.800	0.000	23350.000	3849.000	3496.000	3517.000	6966.000
3	10:34:32	89%	186.000	297.000	0.000	23470.000	3846.000	3514.000	3524.000	6931.000
x		90%	183.500	290.700	0.000	23330.000	3838.000	3492.000	3519.000	6938.000
σ		1%	2.219	9.179	0.000	151.500	16.400	24.100	5.208	25.500
%RSD		1	1.209	3.158	0.000	0.649	0.427	0.690	0.148	0.367

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:32:15	14130.000	5616.000	0.000	0.000	47210.000	36720.000	36070.000	84%	266.200
2	10:33:24	14030.000	5663.000	0.000	0.000	47320.000	37010.000	36160.000	85%	263.600
3	10:34:32	14120.000	5657.000	0.000	0.000	47260.000	36620.000	35740.000	86%	277.400
x		14090.000	5645.000	0.000	0.000	47260.000	36780.000	35990.000	85%	269.100
σ		53.190	25.540	0.000	0.000	53.850	200.900	220.900	1%	7.343
%RSD		0.377	0.452	0.000	0.000	0.114	0.546	0.614	1	2.729

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:32:15	338.600	1999.000	1259.000	14620.000	515.200	15120.000	14370.000	213.900	1200.000
2	10:33:24	332.100	2011.000	1467.000	14590.000	518.000	15230.000	14380.000	215.300	1210.000
3	10:34:32	333.600	1982.000	1539.000	14500.000	511.800	15060.000	14360.000	212.800	1185.000
x		334.800	1997.000	1422.000	14570.000	515.000	15140.000	14370.000	214.000	1198.000
σ		3.384	14.300	145.700	60.340	3.147	82.910	14.880	1.265	12.830
%RSD		1.011	0.716	10.250	0.414	0.611	0.548	0.104	0.591	1.071

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:32:15	370.300	373.200	225.700	788.300	1913.000	5.104	1924.000	1918.000	4.923
2	10:33:24	373.400	375.700	230.900	779.800	1906.000	7.887	1922.000	1910.000	4.679
3	10:34:32	368.300	365.000	225.000	776.700	1914.000	6.957	1918.000	1920.000	8.065
x		370.700	371.300	227.200	781.600	1911.000	6.650	1921.000	1916.000	5.889
σ		2.564	5.592	3.224	5.985	4.475	1.417	3.296	5.139	1.888
%RSD		0.692	1.506	1.419	0.766	0.234	21.300	0.172	0.268	32.060

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:32:15	448.500	437.700	440.900	436.200	439.700	0.012	78%	195.400	76.270
2	10:33:24	450.800	440.800	438.600	442.600	442.200	0.004	79%	199.600	76.440
3	10:34:32	446.500	438.300	443.100	439.100	439.100	0.013	79%	193.600	75.340
x		448.600	439.000	440.900	439.300	440.300	0.010	79%	196.200	76.020
σ		2.125	1.635	2.279	3.213	1.646	0.005	1%	3.073	0.592
%RSD		0.474	0.373	0.517	0.732	0.374	52.780	1	1.567	0.779

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:32:15	9.082	195.200	76.770	200.500	700.700	774.900	214.900	209.000	81%
2	10:33:24	5.708	199.600	76.100	200.000	704.600	776.900	216.800	209.700	80%
3	10:34:32	9.554	193.500	76.440	197.500	693.200	768.300	215.700	208.200	81%
x		8.115	196.100	76.440	199.300	699.500	773.400	215.800	209.000	81%
σ		2.097	3.117	0.337	1.561	5.748	4.499	0.928	0.742	1%
%RSD		25.850	1.590	0.441	0.783	0.822	0.582	0.430	0.355	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:32:15	82%	2090.000	2087.000	983.600	986.900	1019.000	82%	0.459
2	10:33:24	81%	2120.000	2112.000	1000.000	1005.000	1036.000	81%	0.464
3	10:34:32	82%	2108.000	2084.000	985.500	995.100	1031.000	82%	0.478
x		81%	2106.000	2095.000	989.800	995.800	1029.000	82%	0.467
σ		1%	15.040	15.450	9.120	9.313	8.805	1%	0.010
%RSD		1	0.714	0.738	0.921	0.935	0.856	1	2.103

C4368-15X2 MH30Y2 11/09/2011 10:39:05 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:40:13	76%	0.282	184.100	0.000	228200.000	9107.000	8508.000	8497.000	63.610
2	10:41:22	76%	0.015	192.700	0.000	229000.000	9214.000	8536.000	8519.000	56.790
3	10:42:30	75%	0.021	188.100	0.000	235800.000	9420.000	8677.000	8714.000	54.470
x		76%	0.106	188.300	0.000	231000.000	9247.000	8574.000	8577.000	58.290
σ		1%	0.153	4.326	0.000	4213.000	159.000	90.520	119.500	4.752
%RSD		1	143.500	2.297	0.000	1.824	1.720	1.056	1.394	8.152

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:40:13	6939.000	416.000	0.000	0.000	7282.000	31320.000	30520.000	81%	20.150
2	10:41:22	6961.000	389.800	0.000	0.000	7266.000	30620.000	30250.000	83%	20.250
3	10:42:30	7075.000	401.600	0.000	0.000	7336.000	31680.000	30530.000	82%	23.180
x		6992.000	402.500	0.000	0.000	7294.000	31210.000	30430.000	82%	21.190
σ		72.960	13.130	0.000	0.000	36.510	534.800	160.100	1%	1.721
%RSD		1.044	3.262	0.000	0.000	0.501	1.714	0.526	1	8.123

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:40:13	7.579	6.159	294.000	518.600	873.200	511.100	577.300	0.744	4.949
2	10:41:22	10.540	4.184	276.200	484.500	866.200	492.500	545.900	0.466	3.328
3	10:42:30	9.681	3.368	269.900	492.400	871.300	492.700	561.500	0.380	3.360
x		9.266	4.570	280.000	498.500	870.200	498.800	561.600	0.530	3.879
σ		1.523	1.435	12.490	17.840	3.617	10.690	15.700	0.190	0.927
%RSD		16.430	31.390	4.460	3.578	0.416	2.143	2.795	35.820	23.890

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:40:13	3.760	3.630	6.895	19.580	4.400	2.147	5.218	4.389	1.138
2	10:41:22	3.390	3.144	6.820	19.540	2.068	2.008	2.926	2.065	2.100
3	10:42:30	3.349	3.067	6.702	19.950	1.065	1.839	2.061	1.063	3.116
x		3.500	3.280	6.806	19.690	2.511	1.998	3.402	2.506	2.118
σ		0.227	0.305	0.097	0.229	1.711	0.154	1.631	1.706	0.989
%RSD		6.476	9.303	1.426	1.161	68.150	7.725	47.950	68.100	46.710

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:40:13	13.520	1.998	2.845	2.073	2.045	0.012	79%	1.973	0.199
2	10:41:22	12.440	1.186	2.321	1.244	1.189	0.008	80%	2.284	0.106
3	10:42:30	12.160	1.006	2.137	0.835	1.009	0.013	80%	-0.060	0.078
x		12.700	1.397	2.434	1.384	1.414	0.011	80%	1.399	0.128
σ		0.721	0.529	0.368	0.631	0.554	0.003	1%	1.273	0.063
%RSD		5.675	37.860	15.100	45.610	39.160	27.130	1	91.030	49.280

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:40:13	-0.412	1.964	0.163	0.452	1.634	1.910	55.190	54.390	82%
2	10:41:22	-0.447	2.277	0.100	0.310	0.950	1.148	55.650	53.470	83%
3	10:42:30	0.633	-0.069	0.056	0.113	0.600	0.744	58.180	54.940	83%
x		-0.075	1.391	0.107	0.291	1.061	1.267	56.340	54.270	83%
σ		0.614	1.273	0.054	0.170	0.526	0.592	1.607	0.743	1%
%RSD		814.800	91.570	50.500	58.440	49.540	46.710	2.853	1.369	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:40:13	81%	5.458	5.434	2.489	2.420	2.432	82%	1.498
2	10:41:22	83%	3.097	3.075	1.368	1.328	1.339	83%	1.530
3	10:42:30	84%	2.311	2.239	0.996	0.894	0.949	83%	1.555
x		83%	3.622	3.583	1.617	1.547	1.573	82%	1.528
σ		1%	1.638	1.657	0.777	0.786	0.769	1%	0.029
%RSD		1	45.220	46.250	48.050	50.820	48.870	1	1.888

C4368-16X2 MH30Y3 11/09/2011 10:47:04 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:48:12	76%	-0.085	226.000	0.000	262600.000	8103.000	7466.000	7520.000	131.500
2	10:49:20	77%	-0.030	225.900	0.000	264800.000	8171.000	7426.000	7465.000	131.800
3	10:50:29	76%	-0.050	228.000	0.000	265400.000	8229.000	7466.000	7545.000	132.700
x		76%	-0.055	226.600	0.000	264200.000	8168.000	7453.000	7510.000	132.000
σ		1%	0.028	1.176	0.000	1450.000	63.170	23.080	40.630	0.607
%RSD		1	50.650	0.519	0.000	0.549	0.773	0.310	0.541	0.460

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:48:12	5932.000	500.200	0.000	0.000	10400.000	24600.000	23850.000	83%	27.130
2	10:49:20	5889.000	504.500	0.000	0.000	10480.000	24900.000	23940.000	83%	25.390
3	10:50:29	5937.000	498.700	0.000	0.000	10370.000	24890.000	24080.000	83%	25.930
x		5919.000	501.200	0.000	0.000	10420.000	24790.000	23960.000	83%	26.150
σ		26.190	3.013	0.000	0.000	55.790	166.700	115.900	0%	0.894
%RSD		0.443	0.601	0.000	0.000	0.535	0.672	0.484	0	3.419

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:48:12	8.462	4.016	217.100	352.000	1485.000	353.500	400.000	0.305	2.375
2	10:49:20	10.530	3.759	220.100	356.300	1483.000	353.700	397.000	0.297	2.271
3	10:50:29	7.980	3.569	221.800	351.400	1481.000	352.900	405.200	0.296	2.493
x		8.990	3.782	219.600	353.300	1483.000	353.300	400.700	0.299	2.380
σ		1.354	0.224	2.379	2.687	2.302	0.404	4.191	0.005	0.111
%RSD		15.060	5.932	1.083	0.761	0.155	0.114	1.046	1.595	4.675

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:48:12	1.492	1.157	1.541	7.330	0.722	1.750	1.163	0.721	1.627
2	10:49:20	1.505	1.141	1.577	8.686	-0.042	1.674	1.524	-0.042	5.215
3	10:50:29	1.469	1.251	1.451	7.601	0.196	1.739	0.942	0.196	3.546
x		1.489	1.183	1.523	7.872	0.292	1.721	1.209	0.291	3.463
σ		0.018	0.059	0.065	0.718	0.391	0.041	0.294	0.390	1.796
%RSD		1.220	5.028	4.266	9.116	134.000	2.384	24.290	133.900	51.860

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:48:12	11.640	0.534	1.473	0.626	0.469	0.021	81%	2.311	0.068
2	10:49:20	12.040	0.446	1.505	0.550	0.439	0.017	81%	0.957	0.048
3	10:50:29	12.100	0.387	1.439	0.518	0.403	0.009	81%	1.328	0.038
x		11.920	0.455	1.472	0.565	0.437	0.016	81%	1.532	0.051
σ		0.251	0.074	0.033	0.055	0.033	0.006	0%	0.700	0.015
%RSD		2.108	16.230	2.239	9.822	7.555	36.750	0	45.670	29.810

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:48:12	-0.673	2.304	0.045	0.208	0.395	0.623	50.630	49.450	83%
2	10:49:20	-0.003	0.947	0.042	0.103	0.371	0.563	50.280	48.910	85%
3	10:50:29	-0.298	1.321	0.037	0.127	0.277	0.526	50.650	48.860	84%
x		-0.325	1.524	0.041	0.146	0.348	0.571	50.520	49.080	84%
σ		0.336	0.701	0.004	0.055	0.062	0.049	0.208	0.327	1%
%RSD		103.500	46.010	9.895	37.650	17.970	8.568	0.412	0.666	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:48:12	84%	1.677	1.690	0.787	0.762	0.773	83%	0.704
2	10:49:20	84%	1.376	1.371	0.641	0.635	0.634	84%	0.708
3	10:50:29	85%	1.278	1.301	0.597	0.646	0.608	84%	0.692
x		85%	1.444	1.454	0.675	0.681	0.671	84%	0.701
σ		0%	0.208	0.207	0.099	0.070	0.089	1%	0.009
%RSD		0	14.390	14.260	14.730	10.310	13.210	1	1.248

C4368-17X2 MH30Y4 11/09/2011 10:55:03 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:56:11	75%	-0.040	231.900	0.000	242300.000	8236.000	7599.000	7596.000	126.300
2	10:57:20	76%	-0.170	220.600	0.000	241000.000	8209.000	7612.000	7599.000	126.500
3	10:58:28	75%	-0.161	244.700	0.000	245800.000	8375.000	7709.000	7671.000	128.000
x		76%	-0.124	232.400	0.000	243000.000	8273.000	7640.000	7622.000	126.900
σ		0%	0.073	12.080	0.000	2486.000	88.960	59.820	42.410	0.909
%RSD		0	58.990	5.199	0.000	1.023	1.075	0.783	0.556	0.716

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:56:11	7635.000	622.100	0.000	0.000	8740.000	25430.000	25050.000	81%	32.110
2	10:57:20	7588.000	639.200	0.000	0.000	8619.000	25750.000	24970.000	81%	33.520
3	10:58:28	7713.000	634.600	0.000	0.000	8745.000	25960.000	25270.000	82%	33.080
x		7645.000	632.000	0.000	0.000	8701.000	25710.000	25090.000	81%	32.900
σ		63.200	8.804	0.000	0.000	71.540	267.400	158.400	1%	0.722
%RSD		0.827	1.393	0.000	0.000	0.822	1.040	0.631	1	2.196

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:56:11	11.730	3.924	196.300	409.200	2383.000	405.700	456.500	0.262	3.335
2	10:57:20	13.090	3.823	199.200	398.800	2339.000	402.400	460.200	0.280	3.398
3	10:58:28	12.600	3.935	200.600	406.300	2399.000	413.400	461.500	0.271	3.214
x		12.470	3.894	198.700	404.800	2374.000	407.200	459.400	0.271	3.316
σ		0.687	0.062	2.195	5.363	30.790	5.645	2.572	0.009	0.093
%RSD		5.507	1.586	1.105	1.325	1.297	1.386	0.560	3.275	2.813

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:56:11	1.188	0.950	2.551	9.330	-0.066	1.508	0.555	-0.066	3.893
2	10:57:20	1.074	0.882	2.534	9.293	-0.115	1.542	0.335	-0.114	4.946
3	10:58:28	1.108	0.903	2.578	8.281	0.032	1.705	1.090	0.033	1.478
x		1.123	0.912	2.554	8.968	-0.049	1.585	0.660	-0.049	3.439
σ		0.058	0.035	0.023	0.595	0.075	0.105	0.389	0.075	1.778
%RSD		5.196	3.820	0.885	6.637	151.600	6.640	58.860	152.500	51.690

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:56:11	12.920	0.302	1.350	0.320	0.309	0.008	79%	1.076	0.042
2	10:57:20	13.590	0.245	1.228	0.265	0.292	0.010	79%	1.956	0.028
3	10:58:28	13.260	0.273	1.376	0.327	0.224	0.008	78%	1.470	0.026
x		13.260	0.273	1.318	0.304	0.275	0.008	79%	1.501	0.032
σ		0.339	0.029	0.079	0.034	0.045	0.001	1%	0.441	0.009
%RSD		2.554	10.480	6.008	11.160	16.360	12.660	1	29.400	26.990

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:56:11	-0.015	1.065	0.028	0.075	0.240	0.322	45.470	43.810	82%
2	10:57:20	-0.647	1.944	0.017	0.101	0.201	0.242	44.840	43.450	83%
3	10:58:28	-0.350	1.457	0.015	0.074	0.236	0.230	46.420	45.780	82%
x		-0.337	1.488	0.020	0.083	0.226	0.265	45.580	44.350	83%
σ		0.316	0.440	0.007	0.016	0.021	0.050	0.792	1.249	1%
%RSD		93.630	29.590	34.920	18.670	9.400	18.740	1.738	2.816	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:56:11	83%	0.845	0.836	0.358	0.331	0.333	82%	0.419
2	10:57:20	83%	0.639	0.636	0.303	0.241	0.271	83%	0.431
3	10:58:28	82%	0.570	0.615	0.255	0.237	0.249	82%	0.432
x		82%	0.685	0.696	0.305	0.270	0.284	82%	0.427
σ		1%	0.143	0.122	0.051	0.053	0.044	0%	0.007
%RSD		1	20.910	17.530	16.840	19.550	15.450	0	1.712

C4368-18X2 MH30Y5 11/09/2011 11:03:03 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:04:11	77%	-0.152	184.000	0.000	263200.000	7732.000	7209.000	7187.000	164.400
2	11:05:19	75%	-0.238	191.000	0.000	270800.000	7986.000	7334.000	7338.000	167.800
3	11:06:28	75%	-0.071	178.200	0.000	269700.000	7966.000	7258.000	7400.000	167.500
x		76%	-0.154	184.400	0.000	267900.000	7895.000	7267.000	7308.000	166.600
σ		1%	0.083	6.411	0.000	4107.000	141.500	62.890	109.500	1.890
%RSD		2	54.180	3.476	0.000	1.533	1.792	0.865	1.499	1.135

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:04:11	6297.000	595.100	0.000	0.000	11690.000	25180.000	24760.000	81%	34.190
2	11:05:19	6526.000	616.000	0.000	0.000	11960.000	25850.000	25180.000	81%	34.840
3	11:06:28	6441.000	603.900	0.000	0.000	11910.000	25260.000	24480.000	82%	34.790
x		6421.000	605.000	0.000	0.000	11850.000	25430.000	24810.000	81%	34.610
σ		115.700	10.470	0.000	0.000	140.800	367.200	348.900	1%	0.359
%RSD		1.802	1.730	0.000	0.000	1.188	1.444	1.407	1	1.038

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:04:11	15.300	2.813	179.600	1042.000	1947.000	1055.000	1091.000	0.279	2.455
2	11:05:19	14.750	2.821	185.800	1052.000	1968.000	1057.000	1100.000	0.307	2.571
3	11:06:28	13.720	3.003	184.500	1043.000	1964.000	1052.000	1088.000	0.266	2.627
x		14.590	2.879	183.300	1046.000	1960.000	1054.000	1093.000	0.284	2.551
σ		0.801	0.108	3.283	5.504	11.460	2.580	6.203	0.021	0.088
%RSD		5.493	3.734	1.791	0.526	0.585	0.245	0.568	7.334	3.431

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:04:11	2.092	1.834	4.212	25.020	-0.238	1.394	1.124	-0.237	4.068
2	11:05:19	2.167	1.729	4.175	24.780	-0.066	1.480	0.831	-0.066	3.994
3	11:06:28	2.242	1.685	4.202	24.170	-0.017	1.485	0.026	-0.017	3.241
x		2.167	1.749	4.197	24.660	-0.107	1.453	0.660	-0.107	3.768
σ		0.075	0.077	0.019	0.439	0.116	0.052	0.568	0.116	0.458
%RSD		3.460	4.386	0.452	1.779	108.300	3.553	86.090	108.500	12.150

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:04:11	10.440	0.289	1.114	0.337	0.291	0.016	78%	0.948	4.008
2	11:05:19	10.420	0.282	1.218	0.319	0.286	0.008	79%	1.473	3.995
3	11:06:28	9.821	0.258	1.186	0.433	0.280	0.006	79%	1.718	4.088
x		10.220	0.276	1.173	0.363	0.286	0.010	79%	1.380	4.030
σ		0.350	0.016	0.053	0.061	0.006	0.005	1%	0.393	0.051
%RSD		3.425	5.942	4.526	16.870	1.957	53.610	1	28.500	1.257

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:04:11	0.018	0.938	4.014	0.030	0.176	0.437	47.400	45.140	81%
2	11:05:19	-0.449	1.465	4.118	0.093	0.200	0.424	47.650	45.710	82%
3	11:06:28	-0.412	1.710	3.881	0.076	0.191	0.436	47.390	46.010	82%
x		-0.281	1.371	4.004	0.066	0.189	0.432	47.480	45.620	82%
σ		0.260	0.394	0.119	0.032	0.012	0.007	0.146	0.445	0%
%RSD		92.400	28.760	2.967	48.690	6.380	1.659	0.308	0.976	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:04:11	82%	0.413	0.429	0.886	0.752	0.808	81%	1.063
2	11:05:19	82%	0.423	0.431	0.892	0.842	0.860	81%	1.086
3	11:06:28	82%	0.402	0.412	0.898	0.788	0.837	81%	1.068
x		82%	0.413	0.424	0.892	0.794	0.835	81%	1.072
σ		0%	0.011	0.011	0.006	0.046	0.026	0%	0.012
%RSD		0	2.592	2.491	0.681	5.734	3.104	0	1.088

C4368-19X2 MH30Y6 11/09/2011 11:11:02 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:12:10	76%	0.055	132.400	0.000	179200.000	4498.000	4146.000	4152.000	518.000
2	11:13:19	75%	-0.088	139.700	0.000	181500.000	4537.000	4148.000	4183.000	512.700
3	11:14:27	76%	-0.019	130.600	0.000	180100.000	4468.000	4142.000	4188.000	513.500
x		76%	-0.017	134.200	0.000	180300.000	4501.000	4145.000	4174.000	514.700
σ		1%	0.071	4.847	0.000	1133.000	34.280	3.063	19.840	2.852
%RSD		1	412.000	3.611	0.000	0.629	0.762	0.074	0.475	0.554

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:12:10	5305.000	400.400	0.000	0.000	9790.000	15810.000	15300.000	81%	27.640
2	11:13:19	5287.000	386.700	0.000	0.000	9788.000	15750.000	15370.000	81%	27.070
3	11:14:27	5290.000	392.600	0.000	0.000	9817.000	15840.000	15520.000	82%	27.480
x		5294.000	393.200	0.000	0.000	9798.000	15800.000	15390.000	81%	27.390
σ		9.451	6.866	0.000	0.000	15.780	44.370	112.200	1%	0.295
%RSD		0.179	1.746	0.000	0.000	0.161	0.281	0.729	1	1.075

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:12:10	15.300	3.300	169.200	292.300	485.800	296.800	340.400	0.300	1.312
2	11:13:19	16.150	3.170	172.300	291.000	480.200	292.400	323.600	0.254	1.346
3	11:14:27	15.530	3.239	173.800	289.100	483.600	293.000	328.800	0.268	1.151
x		15.660	3.236	171.800	290.800	483.200	294.000	330.900	0.274	1.270
σ		0.436	0.065	2.395	1.612	2.826	2.401	8.597	0.024	0.104
%RSD		2.784	2.008	1.394	0.554	0.585	0.817	2.598	8.580	8.203

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:12:10	3.663	3.515	3.279	6.189	-0.311	1.305	-0.453	-0.310	2.470
2	11:13:19	3.734	3.522	3.278	6.600	0.250	1.251	0.342	0.250	1.521
3	11:14:27	3.901	3.464	3.238	6.626	0.296	1.269	-0.064	0.296	-0.094
x		3.766	3.500	3.265	6.472	0.079	1.275	-0.058	0.079	1.299
σ		0.122	0.032	0.023	0.245	0.338	0.028	0.397	0.337	1.296
%RSD		3.245	0.910	0.713	3.784	430.000	2.177	682.800	429.100	99.770

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:12:10	6.075	1.262	1.622	1.343	1.231	0.015	79%	1.001	0.304
2	11:13:19	5.887	1.237	1.625	1.406	1.139	0.008	79%	0.180	0.257
3	11:14:27	5.805	1.322	1.572	1.269	1.199	0.004	80%	0.696	0.256
x		5.922	1.273	1.606	1.339	1.189	0.009	79%	0.626	0.272
σ		0.138	0.044	0.030	0.068	0.046	0.006	1%	0.415	0.028
%RSD		2.334	3.427	1.843	5.107	3.903	66.190	1	66.270	10.140

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:12:10	-0.194	0.993	0.303	0.078	0.079	0.287	52.660	50.550	81%
2	11:13:19	0.040	0.172	0.252	0.032	0.067	0.311	52.670	51.070	82%
3	11:14:27	-0.235	0.688	0.260	0.077	0.079	0.329	53.140	50.660	83%
x		-0.130	0.618	0.271	0.062	0.075	0.309	52.820	50.760	82%
σ		0.148	0.415	0.027	0.026	0.007	0.021	0.273	0.274	1%
%RSD		114.200	67.130	10.070	42.590	9.102	6.754	0.516	0.539	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:12:10	83%	0.325	0.342	1.072	0.916	0.951	82%	0.762
2	11:13:19	82%	0.348	0.305	1.025	0.911	0.965	83%	0.772
3	11:14:27	84%	0.296	0.305	0.997	0.972	0.966	83%	0.730
x		83%	0.323	0.318	1.031	0.933	0.961	82%	0.754
σ		1%	0.026	0.021	0.038	0.034	0.008	0%	0.022
%RSD		1	8.108	6.729	3.647	3.665	0.881	1	2.947

C4369-15X2 MH3121 11/09/2011 11:19:02 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:20:11	76%	-0.241	187.200	0.000	233700.000	9363.000	8646.000	8669.000	47.320
2	11:21:19	76%	-0.095	203.200	0.000	236800.000	9447.000	8719.000	8682.000	47.510
3	11:22:27	76%	-0.105	202.600	0.000	238300.000	9430.000	8649.000	8654.000	46.110
x		76%	-0.147	197.700	0.000	236300.000	9414.000	8671.000	8668.000	46.980
σ		0%	0.081	9.048	0.000	2375.000	44.360	41.570	14.360	0.757
%RSD		0	55.340	4.578	0.000	1.005	0.471	0.479	0.166	1.611

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:20:11	6988.000	392.900	0.000	0.000	7292.000	31230.000	30490.000	82%	18.400
2	11:21:19	6995.000	406.100	0.000	0.000	7389.000	31700.000	30930.000	82%	18.720
3	11:22:27	6993.000	405.000	0.000	0.000	7327.000	31170.000	30650.000	83%	18.400
x		6992.000	401.300	0.000	0.000	7336.000	31370.000	30690.000	82%	18.510
σ		3.720	7.281	0.000	0.000	49.090	293.400	224.000	1%	0.185
%RSD		0.053	1.814	0.000	0.000	0.669	0.935	0.730	1	0.998

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:20:11	10.330	2.982	149.900	473.400	874.600	480.300	543.600	0.296	2.445
2	11:21:19	10.300	3.002	157.000	488.100	880.900	486.900	551.200	0.296	2.210
3	11:22:27	9.561	3.014	159.000	486.400	867.100	480.600	535.000	0.281	2.547
x		10.060	2.999	155.300	482.600	874.200	482.600	543.300	0.291	2.401
σ		0.436	0.016	4.775	8.046	6.890	3.698	8.123	0.009	0.173
%RSD		4.331	0.549	3.075	1.667	0.788	0.766	1.495	2.959	7.208

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:20:11	2.150	2.098	2.375	18.190	0.031	1.216	0.250	0.031	1.553
2	11:21:19	2.433	2.052	2.306	18.020	0.150	1.287	1.001	0.149	2.900
3	11:22:27	2.293	2.085	2.323	17.290	-0.042	1.392	0.240	-0.042	3.759
x		2.292	2.078	2.335	17.830	0.046	1.298	0.497	0.046	2.737
σ		0.141	0.024	0.036	0.479	0.097	0.089	0.436	0.097	1.112
%RSD		6.169	1.140	1.524	2.684	210.600	6.844	87.850	210.000	40.640

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:20:11	11.230	0.355	1.372	0.383	0.289	0.006	80%	1.161	0.024
2	11:21:19	11.350	0.426	1.293	0.361	0.357	0.013	81%	1.410	0.026
3	11:22:27	11.270	0.390	1.204	0.386	0.279	0.017	82%	1.139	0.010
x		11.280	0.390	1.290	0.376	0.308	0.012	81%	1.236	0.020
σ		0.064	0.036	0.084	0.014	0.042	0.006	1%	0.150	0.009
%RSD		0.570	9.146	6.543	3.596	13.750	47.700	1	12.170	45.360

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:20:11	-0.035	1.148	0.014	0.063	0.082	0.310	55.880	54.400	85%
2	11:21:19	-0.304	1.394	0.024	0.067	0.084	0.347	55.830	55.140	86%
3	11:22:27	-0.179	1.126	0.015	0.042	0.076	0.295	56.440	53.360	86%
x		-0.172	1.223	0.017	0.057	0.081	0.317	56.050	54.300	86%
σ		0.135	0.149	0.005	0.014	0.004	0.026	0.341	0.895	1%
%RSD		78.170	12.170	30.930	23.770	5.025	8.348	0.609	1.648	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:20:11	85%	0.258	0.225	0.303	0.288	0.296	84%	1.521
2	11:21:19	86%	0.221	0.221	0.306	0.265	0.286	86%	1.520
3	11:22:27	87%	0.190	0.213	0.300	0.261	0.275	86%	1.550
x		86%	0.223	0.220	0.303	0.271	0.286	85%	1.530
σ		1%	0.034	0.006	0.003	0.015	0.010	1%	0.017
%RSD		1	15.280	2.722	0.988	5.352	3.646	2	1.115

C4369-16X2 MH3122 11/09/2011 11:27:03 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:28:11	76%	-0.148	217.600	0.000	262100.000	8011.000	7354.000	7333.000	119.100
2	11:29:20	77%	-0.209	227.700	0.000	264500.000	8088.000	7432.000	7459.000	120.700
3	11:30:28	76%	-0.207	236.300	0.000	266000.000	8121.000	7397.000	7452.000	120.800
x		76%	-0.188	227.200	0.000	264200.000	8073.000	7394.000	7415.000	120.200
σ		0%	0.035	9.332	0.000	1992.000	56.460	38.780	70.870	0.986
%RSD		0	18.550	4.107	0.000	0.754	0.699	0.524	0.956	0.820

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:28:11	5730.000	481.900	0.000	0.000	10480.000	24690.000	23970.000	83%	22.380
2	11:29:20	5872.000	504.400	0.000	0.000	10540.000	24700.000	24310.000	83%	22.640
3	11:30:28	5843.000	493.100	0.000	0.000	10600.000	25060.000	24420.000	82%	21.820
x		5815.000	493.100	0.000	0.000	10540.000	24810.000	24230.000	83%	22.280
σ		74.890	11.240	0.000	0.000	59.880	212.100	231.400	0%	0.421
%RSD		1.288	2.280	0.000	0.000	0.568	0.855	0.955	0	1.890

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:28:11	10.190	2.610	142.200	411.000	1424.000	409.700	456.400	0.310	1.924
2	11:29:20	9.433	2.690	149.300	414.400	1420.000	410.500	451.600	0.383	2.062
3	11:30:28	9.309	2.723	152.100	411.700	1436.000	418.400	464.000	0.357	1.959
x		9.644	2.674	147.800	412.400	1427.000	412.900	457.400	0.350	1.981
σ		0.477	0.059	5.117	1.795	8.252	4.784	6.249	0.037	0.072
%RSD		4.944	2.188	3.461	0.435	0.578	1.159	1.366	10.600	3.623

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:28:11	1.485	1.110	2.016	6.950	-0.137	1.189	-0.218	-0.137	4.606
2	11:29:20	1.498	1.233	2.023	7.013	-0.279	1.180	-0.441	-0.279	3.093
3	11:30:28	1.621	1.159	2.026	6.442	-0.376	1.297	0.512	-0.375	2.603
x		1.534	1.167	2.022	6.802	-0.264	1.222	-0.049	-0.263	3.434
σ		0.075	0.062	0.005	0.313	0.120	0.065	0.498	0.120	1.044
%RSD		4.896	5.321	0.260	4.602	45.490	5.307	1019.000	45.510	30.410

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:28:11	10.390	0.207	1.090	0.266	0.179	0.011	82%	0.455	0.014
2	11:29:20	10.850	0.210	1.186	0.243	0.141	0.009	82%	0.234	0.006
3	11:30:28	11.500	0.173	1.025	0.240	0.146	0.021	81%	1.557	0.018
x		10.910	0.197	1.100	0.250	0.155	0.014	81%	0.749	0.013
σ		0.561	0.021	0.081	0.014	0.020	0.006	0%	0.709	0.006
%RSD		5.137	10.470	7.351	5.649	13.150	44.220	0	94.650	50.290

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:28:11	0.203	0.442	0.015	-0.007	0.096	0.276	46.580	44.670	87%
2	11:29:20	0.131	0.222	0.015	0.001	0.089	0.264	47.100	45.640	86%
3	11:30:28	-0.167	1.545	0.011	0.045	0.116	0.254	47.490	45.510	85%
x		0.056	0.736	0.013	0.013	0.100	0.265	47.060	45.270	86%
σ		0.196	0.709	0.002	0.028	0.014	0.011	0.456	0.527	1%
%RSD		352.700	96.300	16.460	222.700	13.800	4.110	0.970	1.163	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:28:11	87%	0.174	0.193	0.349	0.286	0.310	86%	0.729
2	11:29:20	86%	0.170	0.185	0.313	0.288	0.317	86%	0.701
3	11:30:28	86%	0.207	0.188	0.337	0.314	0.317	86%	0.720
x		86%	0.184	0.189	0.333	0.296	0.315	86%	0.717
σ		0%	0.020	0.004	0.018	0.016	0.004	0%	0.015
%RSD		1	11.100	1.900	5.431	5.344	1.303	0	2.041

CCV86 11/09/2011 11:35:02 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:36:11	75%	514.500	492.700	0.000	54520.000	54280.000	54970.000	54350.000	10840.000
2	11:37:19	75%	526.500	514.900	0.000	55300.000	55750.000	56360.000	56120.000	11190.000
3	11:38:28	73%	533.600	525.100	0.000	55610.000	55960.000	56990.000	56350.000	11210.000
x		74%	524.900	510.900	0.000	55140.000	55330.000	56110.000	55610.000	11080.000
σ		1%	9.652	16.580	0.000	563.900	915.700	1034.000	1094.000	206.900
%RSD		2	1.839	3.245	0.000	1.023	1.655	1.843	1.967	1.867

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:36:11	500.800	10030.000	0.000	0.000	27180.000	49910.000	48490.000	80%	499.800
2	11:37:19	528.600	10300.000	0.000	0.000	27620.000	50900.000	49630.000	80%	512.500
3	11:38:28	524.600	10190.000	0.000	0.000	27520.000	50460.000	49180.000	81%	507.800
x		518.000	10170.000	0.000	0.000	27440.000	50420.000	49100.000	80%	506.700
σ		15.030	135.500	0.000	0.000	228.900	498.100	572.600	1%	6.416
%RSD		2.901	1.332	0.000	0.000	0.834	0.988	1.166	1	1.266

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:36:11	499.400	500.000	86.280	27370.000	1001.000	27070.000	25520.000	505.100	501.100
2	11:37:19	512.800	514.100	77.890	27840.000	1029.000	28000.000	26200.000	517.200	517.300
3	11:38:28	506.300	503.200	71.330	27200.000	1009.000	27300.000	25560.000	509.000	510.700
x		506.200	505.800	78.500	27470.000	1013.000	27460.000	25760.000	510.400	509.700
σ		6.727	7.367	7.495	331.400	14.470	486.000	383.900	6.163	8.148
%RSD		1.329	1.457	9.548	1.207	1.428	1.770	1.490	1.207	1.599

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:36:11	1010.000	1011.000	1004.000	492.200	494.900	-0.251	491.300	492.700	3.880
2	11:37:19	1040.000	1042.000	1032.000	502.200	506.000	-0.185	509.900	504.400	4.743
3	11:38:28	1023.000	1022.000	1012.000	495.100	495.300	-0.384	506.200	493.800	1.623
x		1025.000	1025.000	1016.000	496.500	498.700	-0.274	502.500	497.000	3.415
σ		15.070	15.560	14.350	5.163	6.276	0.102	9.867	6.485	1.611
%RSD		1.471	1.517	1.413	1.040	1.258	37.100	1.964	1.305	47.170

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:36:11	489.000	485.100	489.400	485.500	481.800	0.008	81%	500.800	496.200
2	11:37:19	505.900	508.300	508.000	512.300	503.200	0.013	79%	513.200	506.100
3	11:38:28	499.500	498.300	497.800	500.400	502.100	0.011	80%	499.600	502.900
x		498.100	497.200	498.400	499.400	495.700	0.011	80%	504.500	501.700
σ		8.548	11.620	9.306	13.410	12.030	0.003	1%	7.478	5.004
%RSD		1.716	2.337	1.867	2.685	2.428	27.690	1	1.482	0.997

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:36:11	2.078	500.700	495.600	494.700	491.200	487.000	2445.000	2352.000	83%
2	11:37:19	9.369	512.800	511.800	511.900	504.400	500.800	2524.000	2441.000	82%
3	11:38:28	8.930	499.500	505.500	502.800	495.200	494.400	2470.000	2397.000	82%
x		6.792	504.400	504.300	503.100	496.900	494.100	2480.000	2397.000	82%
σ		4.089	7.379	8.182	8.611	6.778	6.912	40.200	44.610	0%
%RSD		60.200	1.463	1.622	1.712	1.364	1.399	1.621	1.861	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:36:11	84%	488.400	531.100	494.400	494.500	493.700	84%	543.900
2	11:37:19	82%	507.500	551.900	515.600	512.300	510.300	82%	556.700
3	11:38:28	83%	504.400	542.700	509.600	510.300	507.300	82%	558.600
x		83%	500.100	541.900	506.500	505.700	503.800	83%	553.100
σ		1%	10.280	10.430	10.950	9.746	8.836	1%	7.986
%RSD		1	2.055	1.924	2.162	1.927	1.754	2	1.444

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:44:08	76%	-0.119	11.050	0.000	135.500	7.065	7.088	6.257	0.851
2	11:45:17	77%	-0.021	8.001	0.000	179.000	19.090	20.770	18.310	3.237
3	11:46:25	75%	0.091	7.699	0.000	173.700	16.590	16.350	16.480	2.667
x		76%	-0.016	8.918	0.000	162.700	14.250	14.740	13.680	2.252
σ		1%	0.105	1.856	0.000	23.770	6.345	6.983	6.495	1.246
%RSD		1	647.700	20.810	0.000	14.600	44.530	47.380	47.470	55.350

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:44:08	1.452	1.494	0.000	0.000	67.020	2.781	-14.880	81%	-0.037
2	11:45:17	1.297	0.851	0.000	0.000	73.170	29.660	0.735	81%	0.057
3	11:46:25	2.281	0.773	0.000	0.000	72.740	11.720	-1.990	81%	0.134
x		1.677	1.040	0.000	0.000	70.980	14.720	-5.377	81%	0.051
σ		0.529	0.396	0.000	0.000	3.433	13.690	8.338	0%	0.085
%RSD		31.560	38.060	0.000	0.000	4.837	92.990	155.100	0	166.700

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:44:08	-1.308	0.375	68.330	4.457	0.210	-3.958	4.606	0.055	0.163
2	11:45:17	0.069	0.449	65.930	14.110	0.564	0.569	9.774	0.194	0.325
3	11:46:25	0.138	0.521	65.020	10.640	0.525	-0.533	5.737	0.184	0.169
x		-0.367	0.448	66.430	9.737	0.433	-1.307	6.706	0.144	0.219
σ		0.816	0.073	1.706	4.892	0.194	2.360	2.716	0.078	0.092
%RSD		222.100	16.290	2.568	50.240	44.860	180.600	40.510	53.850	42.110

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:44:08	0.104	0.006	0.161	-0.011	0.006	0.559	0.438	0.006	1.876
2	11:45:17	0.367	0.246	0.419	0.320	-0.255	0.529	0.830	-0.254	2.207
3	11:46:25	0.308	0.212	0.254	-0.235	-0.089	0.607	0.654	-0.089	0.441
x		0.260	0.155	0.278	0.025	-0.113	0.565	0.641	-0.112	1.508
σ		0.138	0.130	0.131	0.279	0.132	0.039	0.196	0.132	0.939
%RSD		53.110	83.750	47.000	1120.000	117.300	6.886	30.640	117.200	62.270

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:44:08	1.110	1.243	1.188	1.269	1.218	0.017	82%	0.143	0.061
2	11:45:17	1.038	1.104	0.948	1.030	0.989	0.006	83%	-0.590	0.172
3	11:46:25	0.875	0.753	0.748	0.819	0.661	0.013	83%	-0.250	0.148
x		1.007	1.033	0.961	1.040	0.956	0.012	83%	-0.232	0.127
σ		0.120	0.253	0.220	0.225	0.280	0.006	0%	0.367	0.058
%RSD		11.940	24.470	22.930	21.650	29.240	48.560	0	157.800	45.960

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:44:08	-0.036	0.139	0.085	0.090	0.423	0.867	0.350	0.314	84%
2	11:45:17	0.340	-0.596	0.198	0.127	0.417	0.767	0.995	0.869	85%
3	11:46:25	0.149	-0.253	0.148	0.141	0.393	0.596	0.759	0.773	84%
x		0.151	-0.237	0.144	0.119	0.411	0.743	0.701	0.652	84%
σ		0.188	0.367	0.056	0.026	0.016	0.137	0.327	0.296	1%
%RSD		124.800	155.400	39.270	21.910	3.859	18.430	46.580	45.480	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:44:08	84%	0.234	0.259	0.077	0.082	0.083	86%	0.078
2	11:45:17	85%	0.386	0.395	0.216	0.197	0.208	88%	0.175
3	11:46:25	85%	0.387	0.350	0.179	0.156	0.165	87%	0.146
x		85%	0.336	0.335	0.157	0.145	0.152	87%	0.133
σ		1%	0.088	0.069	0.072	0.058	0.064	1%	0.050
%RSD		1	26.150	20.740	45.560	40.270	41.740	1	37.200

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:52:06	76%	-0.189	220.500	0.000	233800.000	8491.000	7816.000	7835.000	106.600
2	11:53:14	77%	-0.177	220.400	0.000	233300.000	8478.000	7793.000	7801.000	108.000
3	11:54:22	76%	-0.035	237.100	0.000	237300.000	8646.000	7955.000	7947.000	108.300
x		76%	-0.134	226.000	0.000	234800.000	8538.000	7855.000	7861.000	107.600
σ		1%	0.085	9.646	0.000	2180.000	93.750	87.520	76.420	0.889
%RSD		1	63.830	4.268	0.000	0.929	1.098	1.114	0.972	0.826

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:52:06	7531.000	546.300	0.000	0.000	8553.000	26480.000	25730.000	81%	28.700
2	11:53:14	7465.000	551.300	0.000	0.000	8553.000	25650.000	25410.000	82%	27.340
3	11:54:22	7676.000	573.300	0.000	0.000	8604.000	26510.000	25460.000	82%	25.900
x		7558.000	557.000	0.000	0.000	8570.000	26210.000	25540.000	82%	27.310
σ		107.800	14.400	0.000	0.000	29.430	487.900	170.400	1%	1.397
%RSD		1.426	2.586	0.000	0.000	0.343	1.861	0.667	1	5.116

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:52:06	11.380	3.152	108.600	236.200	2253.000	237.300	307.900	0.350	2.867
2	11:53:14	10.420	3.090	111.900	242.000	2243.000	235.600	297.700	0.330	2.819
3	11:54:22	10.080	3.172	115.500	241.400	2246.000	237.700	300.600	0.353	3.034
x		10.630	3.138	112.000	239.900	2248.000	236.900	302.100	0.344	2.907
σ		0.674	0.043	3.440	3.178	5.402	1.115	5.254	0.012	0.113
%RSD		6.341	1.362	3.071	1.325	0.240	0.471	1.739	3.574	3.886

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:52:06	1.623	1.498	6.997	7.015	-0.456	0.852	0.529	-0.455	1.421
2	11:53:14	1.602	1.189	6.875	6.694	0.343	0.896	0.148	0.342	0.152
3	11:54:22	1.514	1.114	7.244	7.560	-0.065	0.784	0.747	-0.065	0.109
x		1.580	1.267	7.039	7.089	-0.059	0.844	0.475	-0.059	0.561
σ		0.058	0.204	0.188	0.438	0.399	0.057	0.303	0.399	0.745
%RSD		3.669	16.070	2.668	6.174	672.100	6.705	63.870	674.500	132.900

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:52:06	12.040	0.397	1.325	0.427	0.403	0.002	79%	1.351	0.758
2	11:53:14	11.920	0.370	1.311	0.420	0.378	0.006	80%	1.298	0.819
3	11:54:22	11.690	0.349	1.338	0.398	0.337	0.006	81%	1.057	0.731
x		11.890	0.372	1.325	0.415	0.373	0.004	80%	1.235	0.769
σ		0.178	0.024	0.013	0.015	0.033	0.002	1%	0.157	0.045
%RSD		1.497	6.509	0.998	3.613	8.886	48.930	1	12.690	5.813

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:52:06	0.035	1.335	0.800	0.068	0.250	0.298	47.980	47.250	84%
2	11:53:14	-0.219	1.285	0.765	0.079	0.218	0.279	49.420	46.600	85%
3	11:54:22	-0.078	1.044	0.696	0.075	0.202	0.297	48.350	47.120	85%
x		-0.087	1.221	0.754	0.074	0.223	0.292	48.580	46.990	85%
σ		0.127	0.155	0.052	0.005	0.024	0.011	0.750	0.345	0%
%RSD		145.200	12.730	6.965	7.105	10.960	3.640	1.544	0.734	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:52:06	85%	0.326	0.316	0.198	0.189	0.192	84%	0.554
2	11:53:14	86%	0.238	0.267	0.189	0.183	0.182	85%	0.544
3	11:54:22	86%	0.238	0.255	0.181	0.182	0.179	86%	0.539
x		85%	0.268	0.279	0.190	0.185	0.184	85%	0.546
σ		1%	0.051	0.032	0.009	0.003	0.006	1%	0.007
%RSD		1	18.930	11.620	4.523	1.882	3.522	1	1.374

C4369-18X2 MH3124 11/09/2011 11:58:55 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:00:03	77%	0.086	181.100	0.000	265600.000	7785.000	7150.000	7231.000	160.100
2	12:01:12	77%	-0.152	182.700	0.000	263200.000	7813.000	7133.000	7290.000	161.600
3	12:02:21	77%	-0.168	175.100	0.000	270200.000	8003.000	7381.000	7442.000	165.400
x		77%	-0.078	179.700	0.000	266300.000	7867.000	7221.000	7321.000	162.400
σ		0%	0.142	4.005	0.000	3546.000	118.400	138.600	108.900	2.734
%RSD		0	183.000	2.229	0.000	1.331	1.506	1.919	1.487	1.684

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:00:03	6173.000	593.300	0.000	0.000	11560.000	25180.000	24780.000	83%	31.340
2	12:01:12	6350.000	593.200	0.000	0.000	11640.000	25170.000	24640.000	83%	31.720
3	12:02:21	6516.000	605.400	0.000	0.000	12040.000	26280.000	25530.000	82%	32.390
x		6346.000	597.300	0.000	0.000	11750.000	25550.000	24980.000	82%	31.820
σ		171.800	7.036	0.000	0.000	254.900	637.800	474.500	1%	0.528
%RSD		2.707	1.178	0.000	0.000	2.170	2.497	1.899	1	1.659

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:00:03	13.930	2.552	120.000	997.200	1888.000	1003.000	1039.000	0.246	2.399
2	12:01:12	14.390	2.556	125.400	1002.000	1896.000	1007.000	1051.000	0.271	2.460
3	12:02:21	15.820	2.619	130.100	1044.000	1969.000	1049.000	1067.000	0.287	2.411
x		14.710	2.576	125.200	1014.000	1918.000	1019.000	1052.000	0.268	2.424
σ		0.990	0.037	5.078	25.620	44.720	25.750	14.400	0.021	0.032
%RSD		6.726	1.452	4.057	2.527	2.332	2.525	1.368	7.740	1.340

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:00:03	1.401	1.013	3.124	21.710	0.030	1.027	-0.012	0.030	2.229
2	12:01:12	1.436	1.133	3.014	21.780	0.315	1.030	0.098	0.315	1.320
3	12:02:21	1.462	1.166	3.345	23.180	-0.381	0.978	0.207	-0.380	3.909
x		1.433	1.104	3.161	22.230	-0.012	1.012	0.098	-0.012	2.486
σ		0.031	0.081	0.169	0.830	0.350	0.029	0.110	0.349	1.313
%RSD		2.138	7.294	5.329	3.732	2924.000	2.890	111.900	2977.000	52.820

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:00:03	9.574	0.267	0.974	0.256	0.249	0.017	80%	0.928	0.027
2	12:01:12	9.954	0.262	1.006	0.268	0.249	0.013	81%	1.383	0.031
3	12:02:21	10.230	0.262	1.081	0.203	0.238	0.008	80%	0.774	0.029
x		9.919	0.264	1.020	0.242	0.245	0.013	80%	1.028	0.029
σ		0.329	0.003	0.055	0.035	0.006	0.005	1%	0.317	0.002
%RSD		3.321	1.165	5.386	14.260	2.604	37.360	1	30.790	6.344

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:00:03	-0.075	0.918	0.029	0.043	0.107	0.297	46.540	44.810	84%
2	12:01:12	-0.322	1.373	0.033	0.086	0.146	0.287	46.120	44.680	84%
3	12:02:21	-0.150	0.765	0.020	0.036	0.133	0.302	48.570	45.080	83%
x		-0.183	1.019	0.027	0.055	0.129	0.295	47.080	44.860	84%
σ		0.127	0.316	0.006	0.027	0.020	0.008	1.310	0.204	1%
%RSD		69.440	31.040	23.420	49.130	15.360	2.662	2.782	0.455	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:00:03	84%	0.180	0.190	0.388	0.334	0.375	83%	1.126
2	12:01:12	85%	0.171	0.163	0.379	0.331	0.357	84%	1.092
3	12:02:21	83%	0.161	0.163	0.380	0.356	0.368	83%	1.097
x		84%	0.171	0.172	0.382	0.340	0.367	83%	1.105
σ		1%	0.010	0.016	0.005	0.014	0.009	1%	0.018
%RSD		1	5.606	9.071	1.197	3.984	2.525	1	1.650

C4369-19X2 MH3125 11/09/2011 12:06:54 PM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:08:02	77%	-0.013	114.200	0.000	173800.000	4354.000	4017.000	4027.000	286.500
2	12:09:10	76%	-0.163	123.700	0.000	176700.000	4395.000	4015.000	4071.000	292.700
3	12:10:19	77%	-0.132	121.800	0.000	175800.000	4350.000	4013.000	4030.000	285.200
x		76%	-0.103	119.900	0.000	175400.000	4366.000	4015.000	4043.000	288.100
σ		0%	0.079	5.027	0.000	1475.000	25.070	2.052	24.700	3.988
%RSD		1	76.810	4.194	0.000	0.841	0.574	0.051	0.611	1.384

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:08:02	4897.000	414.300	0.000	0.000	9530.000	15490.000	14850.000	82%	18.920
2	12:09:10	4968.000	433.000	0.000	0.000	9622.000	15290.000	15000.000	82%	19.720
3	12:10:19	4867.000	421.600	0.000	0.000	9574.000	15260.000	14940.000	82%	20.100
x		4911.000	422.900	0.000	0.000	9575.000	15350.000	14930.000	82%	19.580
σ		51.760	9.426	0.000	0.000	46.320	124.600	75.960	0%	0.603
%RSD		1.054	2.229	0.000	0.000	0.484	0.812	0.509	0	3.079

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:08:02	14.460	2.512	119.000	164.700	475.600	165.400	208.700	0.221	1.402
2	12:09:10	14.830	2.688	124.100	166.600	475.500	164.700	208.900	0.222	1.322
3	12:10:19	13.840	2.644	128.900	167.900	472.400	162.900	202.100	0.191	1.305
x		14.380	2.615	124.000	166.400	474.500	164.400	206.600	0.211	1.343
σ		0.504	0.092	4.923	1.613	1.804	1.276	3.864	0.017	0.052
%RSD		3.505	3.515	3.970	0.969	0.380	0.777	1.870	8.188	3.883

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:08:02	1.858	1.662	3.716	4.305	-0.042	1.004	-0.219	-0.041	2.232
2	12:09:10	1.877	1.563	3.954	4.589	-0.499	0.997	0.713	-0.498	3.815
3	12:10:19	1.957	1.773	4.118	4.587	0.368	0.992	-0.048	0.367	0.737
x		1.897	1.666	3.929	4.494	-0.058	0.998	0.149	-0.057	2.262
σ		0.052	0.105	0.202	0.164	0.434	0.006	0.496	0.433	1.539
%RSD		2.749	6.312	5.139	3.646	753.100	0.643	333.900	756.000	68.060

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:08:02	5.581	0.869	1.473	1.036	0.956	0.011	80%	0.968	0.043
2	12:09:10	5.736	0.958	1.376	0.982	0.894	0.006	80%	0.740	0.038
3	12:10:19	5.818	1.006	1.493	1.022	0.933	0.015	80%	1.039	0.029
x		5.712	0.944	1.447	1.013	0.928	0.011	80%	0.916	0.037
σ		0.120	0.069	0.063	0.028	0.031	0.005	0%	0.156	0.007
%RSD		2.108	7.325	4.338	2.780	3.380	44.540	0	17.050	18.610

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:08:02	-0.243	0.956	0.052	0.057	0.169	0.277	37.350	36.270	84%
2	12:09:10	0.015	0.727	0.031	0.025	0.107	0.281	36.880	35.740	85%
3	12:10:19	-0.215	1.025	0.026	0.074	0.117	0.236	36.700	35.720	85%
x		-0.148	0.903	0.036	0.052	0.131	0.265	36.980	35.910	85%
σ		0.141	0.156	0.014	0.025	0.034	0.025	0.337	0.315	0%
%RSD		95.720	17.280	37.810	47.570	25.750	9.335	0.912	0.877	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:08:02	85%	0.136	0.144	0.554	0.486	0.534	84%	0.638
2	12:09:10	84%	0.127	0.129	0.522	0.475	0.496	85%	0.598
3	12:10:19	85%	0.110	0.120	0.550	0.480	0.505	85%	0.630
x		85%	0.125	0.131	0.542	0.480	0.512	85%	0.622
σ		1%	0.013	0.013	0.017	0.006	0.020	1%	0.021
%RSD		1	10.630	9.593	3.186	1.167	3.918	1	3.397

C4368-15X50 MH30Y2 11/09/2011 12:14:53 PM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:16:02	75%	-0.237	14.760	0.000	9424.000	344.300	339.200	339.500	1.586
2	12:17:10	74%	-0.279	12.670	0.000	9401.000	338.400	341.000	346.100	1.545
3	12:18:20	77%	-0.200	8.926	0.000	9298.000	339.400	336.000	340.100	1.497
x		75%	-0.239	12.120	0.000	9374.000	340.700	338.800	341.900	1.543
σ		1%	0.040	2.954	0.000	66.770	3.159	2.526	3.687	0.045
%RSD		2	16.580	24.380	0.000	0.712	0.927	0.746	1.078	2.915

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:16:02	276.900	14.860	0.000	0.000	345.900	1223.000	1206.000	80%	0.735
2	12:17:10	273.500	13.490	0.000	0.000	338.300	1216.000	1184.000	82%	0.906
3	12:18:20	270.800	14.820	0.000	0.000	333.700	1214.000	1190.000	81%	0.609
x		273.800	14.390	0.000	0.000	339.300	1217.000	1193.000	81%	0.750
σ		3.058	0.779	0.000	0.000	6.185	4.643	11.380	1%	0.149
%RSD		1.117	5.414	0.000	0.000	1.823	0.382	0.954	1	19.910

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:16:02	-0.030	0.381	70.540	19.600	35.160	13.180	20.510	0.010	0.239
2	12:17:10	-0.145	0.411	67.470	19.040	34.390	11.830	22.270	0.007	0.077
3	12:18:20	-0.115	0.340	64.880	24.240	34.610	12.440	23.810	0.019	0.178
x		-0.096	0.377	67.630	20.960	34.720	12.490	22.190	0.012	0.165
σ		0.060	0.036	2.830	2.852	0.397	0.674	1.649	0.006	0.082
%RSD		61.840	9.441	4.184	13.610	1.143	5.402	7.429	52.720	49.580

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:16:02	0.133	0.047	27.090	0.541	-0.257	0.618	-0.089	-0.255	2.005
2	12:17:10	0.163	0.090	26.830	0.519	-0.326	0.589	-0.014	-0.325	2.477
3	12:18:20	0.101	0.084	27.050	0.503	-0.375	0.562	0.384	-0.373	2.921
x		0.132	0.074	26.990	0.521	-0.319	0.590	0.094	-0.317	2.467
σ		0.031	0.023	0.142	0.019	0.059	0.028	0.255	0.059	0.458
%RSD		23.320	31.520	0.528	3.678	18.540	4.756	271.800	18.580	18.560

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:16:02	0.482	0.052	0.085	0.057	0.013	0.013	83%	-0.428	0.008
2	12:17:10	0.428	-0.001	0.076	0.080	0.038	0.018	83%	-0.486	0.013
3	12:18:20	0.475	0.014	0.041	0.112	0.015	0.009	83%	-0.976	0.021
x		0.462	0.022	0.067	0.083	0.022	0.014	83%	-0.630	0.014
σ		0.030	0.027	0.023	0.027	0.014	0.005	0%	0.301	0.007
%RSD		6.418	125.900	34.380	33.030	62.970	34.220	0	47.750	48.110

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:16:02	0.234	-0.433	0.008	-0.022	0.013	0.038	2.062	1.987	84%
2	12:17:10	0.262	-0.492	0.016	-0.021	0.022	0.036	2.252	2.141	85%
3	12:18:20	0.494	-0.983	0.014	-0.054	0.007	0.017	1.917	2.130	85%
x		0.330	-0.636	0.012	-0.032	0.014	0.030	2.077	2.086	85%
σ		0.143	0.302	0.004	0.019	0.008	0.011	0.168	0.086	1%
%RSD		43.270	47.470	32.840	57.800	55.950	36.940	8.093	4.102	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:16:02	86%	0.093	0.108	0.031	0.021	0.027	89%	0.057
2	12:17:10	85%	0.107	0.099	0.033	0.030	0.028	88%	0.056
3	12:18:20	86%	0.090	0.088	0.031	0.028	0.026	88%	0.063
x		86%	0.097	0.098	0.032	0.026	0.027	88%	0.059
σ		0%	0.009	0.010	0.001	0.004	0.001	0%	0.004
%RSD		0	9.315	9.886	4.012	17.000	2.994	0	6.199

C4368-16X50 MH30Y3 11/09/2011 12:22:53 PM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:24:02	75%	-0.228	13.530	0.000	10730.000	300.400	297.200	311.100	4.756
2	12:25:10	75%	-0.264	12.690	0.000	10690.000	303.600	300.300	307.400	4.970
3	12:26:19	75%	-0.213	8.442	0.000	10410.000	295.200	292.000	298.900	4.495
x		75%	-0.235	11.550	0.000	10610.000	299.700	296.500	305.800	4.741
σ		0%	0.026	2.728	0.000	172.000	4.204	4.173	6.235	0.238
%RSD		0	11.160	23.610	0.000	1.621	1.403	1.407	2.039	5.021

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:24:02	239.300	23.320	0.000	0.000	460.300	986.200	953.400	80%	1.067
2	12:25:10	238.700	22.480	0.000	0.000	459.400	962.800	962.100	80%	0.971
3	12:26:19	235.400	17.250	0.000	0.000	440.000	950.000	924.100	82%	0.981
x		237.800	21.020	0.000	0.000	453.200	966.300	946.600	81%	1.006
σ		2.083	3.288	0.000	0.000	11.460	18.370	19.930	1%	0.053
%RSD		0.876	15.640	0.000	0.000	2.528	1.901	2.105	1	5.267

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:24:02	-0.097	0.401	57.470	15.900	56.110	9.002	18.810	0.006	0.133
2	12:25:10	-1.006	0.400	57.670	18.900	56.460	9.755	20.870	0.004	0.193
3	12:26:19	0.196	0.345	53.270	13.810	53.900	8.580	23.070	0.011	0.102
x		-0.302	0.382	56.140	16.200	55.490	9.112	20.910	0.007	0.143
σ		0.627	0.032	2.487	2.560	1.385	0.595	2.132	0.004	0.046
%RSD		207.400	8.383	4.430	15.800	2.496	6.533	10.200	51.420	32.450

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:24:02	0.031	-0.011	0.108	0.264	-0.859	0.473	0.489	-0.854	4.018
2	12:25:10	0.013	-0.064	0.200	0.104	-0.138	0.463	-0.550	-0.137	0.122
3	12:26:19	0.040	-0.064	0.156	0.409	-0.279	0.416	-0.165	-0.278	2.644
x		0.028	-0.046	0.155	0.259	-0.425	0.451	-0.076	-0.423	2.261
σ		0.013	0.030	0.046	0.153	0.382	0.030	0.525	0.380	1.976
%RSD		48.300	65.110	29.720	58.940	89.890	6.742	694.000	89.820	87.400

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:24:02	0.423	0.023	0.064	0.081	0.015	0.020	82%	0.064	0.010
2	12:25:10	0.497	-0.027	0.064	0.068	0.021	0.009	82%	0.076	0.005
3	12:26:19	0.362	0.035	0.025	0.048	0.011	0.004	82%	-1.223	0.009
x		0.427	0.010	0.051	0.066	0.016	0.011	82%	-0.361	0.008
σ		0.068	0.033	0.022	0.017	0.005	0.009	0%	0.746	0.003
%RSD		15.810	312.200	44.110	25.160	29.970	76.460	0	206.600	33.010

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:24:02	0.060	0.058	0.004	-0.003	0.007	0.030	2.023	1.887	84%
2	12:25:10	-0.034	0.072	0.010	0.015	0.006	0.022	2.176	1.941	83%
3	12:26:19	0.580	-1.227	0.007	-0.055	0.014	0.022	1.873	2.043	84%
x		0.202	-0.366	0.007	-0.015	0.009	0.025	2.024	1.957	84%
σ		0.331	0.746	0.003	0.036	0.004	0.004	0.152	0.079	0%
%RSD		163.500	204.000	43.200	249.400	47.460	18.200	7.486	4.046	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:24:02	83%	0.114	0.096	0.025	0.007	0.017	87%	0.030
2	12:25:10	83%	0.086	0.102	0.019	0.012	0.016	86%	0.026
3	12:26:19	85%	0.094	0.100	0.011	0.012	0.011	88%	0.026
x		84%	0.098	0.099	0.018	0.011	0.015	87%	0.027
σ		1%	0.014	0.003	0.007	0.003	0.003	1%	0.002
%RSD		1	14.460	3.277	38.200	26.400	21.470	1	7.496

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:32:01	76%	-0.283	9.327	0.000	9501.000	296.700	300.200	299.000	4.644
2	12:33:10	75%	-0.255	12.680	0.000	9709.000	302.800	307.100	300.100	4.745
3	12:34:18	74%	-0.278	9.271	0.000	9795.000	296.900	302.300	304.300	4.858
x		75%	-0.272	10.430	0.000	9668.000	298.800	303.200	301.100	4.749
σ		1%	0.015	1.955	0.000	151.200	3.451	3.526	2.796	0.107
%RSD		1	5.392	18.750	0.000	1.564	1.155	1.163	0.929	2.252

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:32:01	295.600	25.580	0.000	0.000	378.300	953.600	969.100	80%	1.221
2	12:33:10	298.100	28.380	0.000	0.000	384.300	976.200	970.400	80%	1.460
3	12:34:18	298.200	28.390	0.000	0.000	386.000	1020.000	973.200	80%	1.105
x		297.300	27.450	0.000	0.000	382.900	983.300	970.900	80%	1.262
σ		1.503	1.620	0.000	0.000	4.050	33.810	2.051	0%	0.181
%RSD		0.505	5.901	0.000	0.000	1.058	3.439	0.211	0	14.330

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:32:01	0.374	0.323	49.480	18.370	86.540	11.160	21.960	0.004	0.143
2	12:33:10	0.076	0.299	49.550	19.200	87.600	11.600	21.030	-0.003	0.145
3	12:34:18	1.168	0.383	47.630	20.140	86.720	11.460	19.870	0.012	0.208
x		0.539	0.335	48.890	19.240	86.950	11.410	20.950	0.004	0.165
σ		0.564	0.043	1.089	0.885	0.567	0.222	1.045	0.008	0.037
%RSD		104.600	12.890	2.227	4.599	0.652	1.943	4.988	167.700	22.310

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:32:01	0.005	-0.036	0.200	0.064	-0.618	0.438	0.085	-0.615	2.070
2	12:33:10	0.007	-0.071	0.074	0.631	-0.452	0.353	0.026	-0.449	2.670
3	12:34:18	0.039	0.025	0.225	0.174	0.031	0.404	0.210	0.030	0.956
x		0.017	-0.027	0.166	0.290	-0.347	0.398	0.107	-0.345	1.899
σ		0.019	0.048	0.081	0.300	0.337	0.043	0.094	0.335	0.870
%RSD		113.100	177.600	48.720	103.700	97.290	10.800	87.370	97.270	45.810

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:32:01	0.596	-0.033	0.047	0.031	-0.022	0.006	82%	-0.066	-0.004
2	12:33:10	0.562	0.003	0.018	0.086	-0.002	0.006	82%	-0.866	0.009
3	12:34:18	0.544	-0.021	0.045	0.031	-0.017	0.007	82%	0.386	0.008
x		0.567	-0.017	0.037	0.049	-0.014	0.006	82%	-0.182	0.004
σ		0.027	0.018	0.016	0.032	0.010	0.001	0%	0.634	0.007
%RSD		4.684	108.400	44.980	65.460	74.900	17.220	0	348.200	168.100

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:32:01	0.122	-0.071	0.004	-0.014	0.029	0.005	1.760	1.708	84%
2	12:33:10	0.471	-0.872	0.002	-0.048	0.020	0.008	1.615	1.647	84%
3	12:34:18	-0.120	0.378	0.006	0.016	0.010	0.022	1.921	1.734	85%
x		0.158	-0.189	0.004	-0.015	0.020	0.012	1.765	1.696	84%
σ		0.297	0.633	0.002	0.032	0.009	0.009	0.153	0.045	0%
%RSD		188.400	335.700	49.930	208.600	47.200	78.990	8.682	2.628	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:32:01	84%	0.088	0.083	0.003	0.001	0.005	87%	0.013
2	12:33:10	85%	0.086	0.087	0.015	0.009	0.011	87%	0.014
3	12:34:18	85%	0.075	0.086	0.008	0.001	0.010	88%	0.016
x		85%	0.083	0.085	0.008	0.003	0.009	87%	0.014
σ		1%	0.007	0.002	0.006	0.005	0.004	1%	0.002
%RSD		1	8.629	2.546	70.320	135.500	41.050	1	13.620

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:40:01	76%	-0.231	8.091	0.000	11230.000	295.300	300.700	300.100	6.469
2	12:41:10	75%	-0.209	7.626	0.000	11690.000	307.400	307.300	302.800	6.951
3	12:42:18	76%	-0.284	6.828	0.000	11070.000	292.700	292.500	293.400	6.137
x		76%	-0.241	7.515	0.000	11330.000	298.500	300.200	298.700	6.519
σ		1%	0.038	0.639	0.000	323.100	7.860	7.411	4.853	0.409
%RSD		1	15.810	8.501	0.000	2.852	2.633	2.469	1.625	6.280

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:40:01	248.700	22.270	0.000	0.000	502.800	1055.000	999.100	82%	1.286
2	12:41:10	262.900	26.120	0.000	0.000	535.000	1063.000	1034.000	80%	1.229
3	12:42:18	246.100	26.630	0.000	0.000	497.000	1028.000	970.400	82%	1.092
x		252.600	25.010	0.000	0.000	511.600	1049.000	1001.000	81%	1.202
σ		9.045	2.383	0.000	0.000	20.470	18.400	31.760	1%	0.100
%RSD		3.581	9.529	0.000	0.000	4.001	1.754	3.173	2	8.300

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:40:01	0.230	0.313	43.960	43.690	72.700	37.070	39.720	0.013	0.073
2	12:41:10	-0.472	0.368	44.940	49.320	75.940	40.630	53.040	0.009	0.121
3	12:42:18	0.387	0.355	42.190	41.850	72.090	37.090	39.610	0.015	0.204
x		0.048	0.345	43.700	44.950	73.580	38.260	44.130	0.013	0.133
σ		0.457	0.029	1.394	3.896	2.067	2.048	7.723	0.003	0.066
%RSD		944.500	8.266	3.190	8.666	2.809	5.354	17.500	25.380	50.050

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:40:01	0.003	0.035	0.437	0.901	-0.136	0.384	0.090	-0.136	-0.123
2	12:41:10	0.100	-0.034	0.331	1.313	0.031	0.319	-0.062	0.031	1.988
3	12:42:18	-0.004	-0.035	0.379	1.045	-0.229	0.301	-0.122	-0.227	1.078
x		0.033	-0.011	0.382	1.086	-0.111	0.335	-0.031	-0.111	0.981
σ		0.058	0.040	0.053	0.209	0.132	0.044	0.109	0.131	1.059
%RSD		176.400	360.900	13.980	19.230	118.200	13.090	348.600	118.100	107.900

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:40:01	0.543	-0.010	0.038	0.053	-0.003	0.011	83%	0.335	-0.002
2	12:41:10	0.400	0.003	0.045	0.013	-0.018	0.013	82%	-0.398	0.008
3	12:42:18	0.427	0.001	0.012	0.001	-0.032	0.005	85%	0.205	0.005
x		0.457	-0.002	0.032	0.022	-0.018	0.010	83%	0.048	0.004
σ		0.076	0.007	0.017	0.027	0.015	0.004	2%	0.391	0.005
%RSD		16.660	359.400	54.740	123.200	81.850	40.500	2	822.700	137.100

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:40:01	-0.067	0.327	0.007	0.014	-0.011	0.011	1.832	1.808	86%
2	12:41:10	0.280	-0.405	0.003	-0.035	0.001	0.013	1.934	1.987	84%
3	12:42:18	-0.065	0.198	0.007	0.021	0.004	0.012	2.035	1.816	87%
x		0.049	0.040	0.005	0.000	-0.002	0.012	1.934	1.870	86%
σ		0.200	0.391	0.002	0.031	0.008	0.001	0.102	0.101	2%
%RSD		406.600	974.400	39.390	35200.000	353.200	10.290	5.247	5.394	2

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:40:01	87%	0.078	0.094	0.020	0.024	0.024	88%	0.039
2	12:41:10	84%	0.091	0.104	0.018	0.028	0.020	87%	0.045
3	12:42:18	88%	0.089	0.089	0.034	0.022	0.027	90%	0.043
x		86%	0.086	0.096	0.024	0.025	0.024	88%	0.043
σ		2%	0.007	0.008	0.009	0.003	0.004	2%	0.003
%RSD		2	8.322	8.145	36.310	13.060	15.570	2	7.017

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:48:02	77%	-0.228	6.700	0.000	7166.000	161.200	167.000	163.300	20.180
2	12:49:10	74%	-0.234	7.036	0.000	7465.000	167.500	166.700	173.400	20.910
3	12:50:19	75%	-0.157	4.641	0.000	7536.000	169.300	169.000	168.900	21.430
x		75%	-0.206	6.126	0.000	7389.000	166.000	167.600	168.500	20.840
σ		2%	0.043	1.297	0.000	196.600	4.277	1.257	5.092	0.630
%RSD		2	20.900	21.170	0.000	2.661	2.577	0.750	3.021	3.025

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:48:02	204.800	15.140	0.000	0.000	405.100	605.100	589.600	81%	0.818
2	12:49:10	215.600	18.090	0.000	0.000	431.100	638.900	614.400	80%	1.144
3	12:50:19	218.000	22.240	0.000	0.000	436.300	647.900	626.900	79%	0.845
x		212.800	18.490	0.000	0.000	424.200	630.600	610.300	80%	0.936
σ		7.029	3.567	0.000	0.000	16.700	22.530	19.010	1%	0.181
%RSD		3.303	19.290	0.000	0.000	3.938	3.572	3.114	1	19.300

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:48:02	0.042	0.356	39.490	10.280	18.860	7.471	15.790	0.007	0.090
2	12:49:10	1.162	0.345	39.210	10.260	19.490	8.871	17.940	0.009	0.108
3	12:50:19	0.627	0.354	39.440	14.230	19.690	10.040	19.390	0.017	0.052
x		0.610	0.352	39.380	11.590	19.350	8.793	17.710	0.011	0.083
σ		0.560	0.006	0.151	2.287	0.436	1.285	1.808	0.005	0.028
%RSD		91.800	1.700	0.383	19.730	2.251	14.610	10.210	47.090	34.250

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:48:02	0.185	0.131	0.434	0.103	-0.421	0.320	-0.255	-0.419	1.245
2	12:49:10	0.139	0.174	0.251	0.009	-0.042	0.342	-0.718	-0.041	1.934
3	12:50:19	0.125	0.051	0.445	0.777	0.152	0.250	-0.058	0.151	-0.399
x		0.149	0.119	0.376	0.297	-0.104	0.304	-0.343	-0.103	0.927
σ		0.031	0.062	0.109	0.419	0.292	0.048	0.339	0.290	1.199
%RSD		20.860	52.250	28.940	141.200	281.900	15.770	98.690	281.500	129.400

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:48:02	0.246	0.055	0.065	0.057	0.050	0.002	83%	0.129	0.007
2	12:49:10	0.240	0.047	0.064	0.104	0.023	0.006	82%	-0.608	0.002
3	12:50:19	0.257	0.015	0.034	0.114	0.028	0.011	82%	0.542	0.002
x		0.248	0.039	0.054	0.092	0.034	0.006	82%	0.021	0.004
σ		0.009	0.021	0.018	0.031	0.014	0.005	1%	0.583	0.003
%RSD		3.469	54.120	32.230	33.450	42.810	75.910	1	2754.000	85.800

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:48:02	-0.030	0.124	0.014	0.022	-0.002	0.012	2.156	1.938	85%
2	12:49:10	0.290	-0.614	0.006	-0.020	0.020	0.015	2.128	2.157	84%
3	12:50:19	-0.254	0.537	0.005	0.042	0.015	0.014	1.911	2.048	84%
x		0.002	0.016	0.008	0.015	0.011	0.014	2.065	2.048	84%
σ		0.273	0.583	0.005	0.032	0.011	0.002	0.134	0.110	1%
%RSD		12130.000	3714.000	58.250	217.100	102.600	12.230	6.498	5.352	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:48:02	86%	0.087	0.093	0.039	0.038	0.042	88%	0.030
2	12:49:10	85%	0.099	0.093	0.037	0.038	0.042	87%	0.034
3	12:50:19	84%	0.101	0.088	0.045	0.035	0.043	88%	0.029
x		85%	0.096	0.091	0.041	0.037	0.042	88%	0.031
σ		1%	0.008	0.002	0.004	0.002	0.001	0%	0.003
%RSD		1	7.953	2.593	9.905	5.294	1.779	0	8.505

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:56:03	75%	500.100	468.500	0.000	54300.000	54040.000	54230.000	53710.000	10690.000
2	12:57:12	76%	491.100	487.800	0.000	53330.000	52860.000	52720.000	53090.000	10500.000
3	12:58:20	77%	497.000	478.300	0.000	52880.000	53110.000	53530.000	53150.000	10550.000
x		76%	496.100	478.200	0.000	53500.000	53340.000	53500.000	53320.000	10580.000
σ		1%	4.551	9.648	0.000	725.100	619.600	755.100	342.100	100.100
%RSD		1	0.917	2.018	0.000	1.355	1.162	1.412	0.642	0.946

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:56:03	504.200	9836.000	0.000	0.000	27110.000	49800.000	47860.000	81%	485.900
2	12:57:12	490.800	9651.000	0.000	0.000	26560.000	48620.000	46890.000	83%	476.400
3	12:58:20	488.400	9591.000	0.000	0.000	26560.000	48750.000	46900.000	83%	481.700
x		494.500	9693.000	0.000	0.000	26740.000	49060.000	47210.000	82%	481.400
σ		8.530	127.400	0.000	0.000	315.400	650.300	555.400	1%	4.761
%RSD		1.725	1.314	0.000	0.000	1.179	1.326	1.176	1	0.989

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:56:03	490.600	493.500	36.570	26960.000	970.500	26970.000	25190.000	500.900	495.200
2	12:57:12	478.600	480.900	33.340	26350.000	937.000	26330.000	24500.000	487.000	490.500
3	12:58:20	479.500	482.100	35.510	26630.000	936.300	26320.000	24680.000	488.100	493.600
x		482.900	485.500	35.140	26650.000	947.900	26540.000	24790.000	492.000	493.100
σ		6.703	6.979	1.648	304.500	19.510	372.500	356.500	7.744	2.375
%RSD		1.388	1.437	4.690	1.143	2.058	1.403	1.438	1.574	0.482

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:56:03	974.500	978.200	973.900	482.000	491.300	-0.367	486.400	489.600	1.982
2	12:57:12	947.000	949.600	947.300	476.500	480.200	-0.767	479.500	478.500	2.859
3	12:58:20	955.700	959.300	945.700	479.500	485.700	-0.435	482.900	484.500	2.381
x		959.100	962.400	955.600	479.300	485.800	-0.523	482.900	484.200	2.408
σ		14.080	14.510	15.870	2.775	5.536	0.214	3.437	5.538	0.439
%RSD		1.469	1.508	1.660	0.579	1.140	40.950	0.712	1.144	18.230

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:56:03	485.100	486.100	484.700	488.000	479.700	0.013	81%	492.400	490.800
2	12:57:12	480.000	477.900	478.600	470.800	477.900	0.004	83%	490.000	480.700
3	12:58:20	480.300	479.500	480.500	482.700	485.100	0.019	82%	492.900	481.100
x		481.800	481.200	481.300	480.500	480.900	0.012	82%	491.800	484.200
σ		2.832	4.337	3.120	8.842	3.747	0.008	1%	1.569	5.736
%RSD		0.588	0.901	0.648	1.840	0.779	63.870	1	0.319	1.185

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:56:03	9.364	491.700	492.200	498.100	490.400	486.000	2444.000	2349.000	86%
2	12:57:12	3.557	489.400	482.400	486.500	479.300	482.500	2404.000	2320.000	87%
3	12:58:20	6.795	492.100	485.900	487.700	477.900	478.900	2405.000	2321.000	87%
x		6.572	491.100	486.800	490.800	482.500	482.500	2418.000	2330.000	86%
σ		2.910	1.470	4.935	6.350	6.842	3.525	22.720	16.510	1%
%RSD		44.280	0.299	1.014	1.294	1.418	0.731	0.940	0.709	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	12:56:03	86%	487.600	527.900	493.400	490.700	490.300	87%	512.200
2	12:57:12	86%	478.200	516.600	483.800	478.900	480.000	88%	499.200
3	12:58:20	87%	485.100	526.800	489.200	487.400	484.100	87%	499.400
x		86%	483.600	523.800	488.800	485.700	484.800	87%	503.600
σ		0%	4.824	6.216	4.822	6.045	5.188	1%	7.429
%RSD		0	0.998	1.187	0.987	1.245	1.070	1	1.475

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:04:04	77%	-0.169	7.310	0.000	130.200	17.780	18.220	17.340	2.727
2	13:05:12	78%	0.176	4.642	0.000	133.600	28.700	29.860	30.250	4.995
3	13:06:20	75%	-0.001	3.834	0.000	139.100	21.110	21.300	22.400	3.639
x		77%	0.002	5.262	0.000	134.300	22.530	23.130	23.330	3.787
σ		2%	0.173	1.819	0.000	4.491	5.594	6.034	6.506	1.141
%RSD		2	8401.000	34.570	0.000	3.343	24.830	26.090	27.890	30.130

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:04:04	-0.161	5.565	0.000	0.000	49.770	12.890	-4.710	81%	0.079
2	13:05:12	0.924	9.640	0.000	0.000	48.470	36.060	2.981	82%	0.261
3	13:06:20	-0.042	6.695	0.000	0.000	65.200	28.990	0.519	79%	0.283
x		0.240	7.300	0.000	0.000	54.480	25.980	-0.403	80%	0.208
σ		0.595	2.104	0.000	0.000	9.306	11.880	3.928	2%	0.112
%RSD		247.600	28.820	0.000	0.000	17.080	45.710	973.900	2	53.890

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:04:04	-0.539	0.318	30.760	11.310	0.331	2.442	20.520	0.169	0.254
2	13:05:12	0.175	0.418	29.570	14.720	0.513	6.969	23.730	0.262	0.269
3	13:06:20	-0.874	0.403	31.170	15.170	0.426	5.975	28.530	0.175	0.286
x		-0.413	0.380	30.500	13.730	0.423	5.129	24.260	0.202	0.270
σ		0.535	0.054	0.830	2.109	0.091	2.379	4.027	0.052	0.016
%RSD		129.800	14.290	2.720	15.350	21.480	46.390	16.600	25.660	6.043

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:04:04	0.356	0.288	0.395	-0.050	0.294	0.266	0.279	0.292	-0.605
2	13:05:12	0.530	0.435	0.507	0.112	0.311	0.238	0.349	0.310	-0.184
3	13:06:20	0.399	0.236	0.464	-0.102	0.156	0.263	0.876	0.155	0.168
x		0.428	0.320	0.456	-0.013	0.254	0.255	0.501	0.252	-0.207
σ		0.091	0.103	0.056	0.112	0.085	0.015	0.326	0.085	0.387
%RSD		21.130	32.220	12.400	831.900	33.640	6.020	65.010	33.640	187.000

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:04:04	1.431	1.264	1.294	1.483	1.282	0.004	82%	0.018	0.259
2	13:05:12	1.104	0.991	1.110	1.062	0.992	0.011	83%	-0.429	0.342
3	13:06:20	0.785	0.778	0.782	0.789	0.767	0.004	80%	0.100	0.218
x		1.107	1.011	1.062	1.111	1.014	0.006	82%	-0.103	0.273
σ		0.323	0.244	0.260	0.350	0.258	0.004	2%	0.285	0.063
%RSD		29.190	24.090	24.450	31.500	25.480	67.520	2	275.400	23.080

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:04:04	0.140	0.015	0.250	0.139	0.490	1.037	0.809	0.855	83%
2	13:05:12	0.292	-0.433	0.319	0.248	0.485	0.809	1.324	1.306	85%
3	13:06:20	0.135	0.097	0.225	0.200	0.380	0.626	1.020	1.067	81%
x		0.189	-0.107	0.265	0.196	0.452	0.824	1.051	1.076	83%
σ		0.089	0.285	0.049	0.055	0.062	0.206	0.259	0.226	2%
%RSD		47.130	266.500	18.400	28.150	13.680	25.020	24.650	20.970	2

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:04:04	84%	0.290	0.324	0.210	0.193	0.195	87%	0.172
2	13:05:12	84%	0.396	0.400	0.277	0.245	0.282	88%	0.247
3	13:06:20	81%	0.284	0.293	0.200	0.223	0.208	84%	0.181
x		83%	0.323	0.339	0.229	0.220	0.229	86%	0.200
σ		2%	0.063	0.055	0.042	0.026	0.047	2%	0.041
%RSD		2	19.430	16.350	18.150	11.820	20.500	2	20.410

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:12:02	76%	-0.093	381.200	0.000	456800.000	18490.000	17060.000	17130.000	102.400
2	13:13:10	76%	-0.063	398.300	0.000	460900.000	18610.000	17130.000	17270.000	102.700
3	13:14:18	78%	-0.181	385.700	0.000	457200.000	18400.000	17030.000	17200.000	102.000
x		77%	-0.113	388.400	0.000	458300.000	18500.000	17070.000	17200.000	102.300
σ		1%	0.061	8.869	0.000	2269.000	105.500	50.180	71.330	0.331
%RSD		2	54.540	2.284	0.000	0.495	0.570	0.294	0.415	0.323

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:12:02	14990.000	790.600	0.000	0.000	14320.000	61790.000	59940.000	82%	37.990
2	13:13:10	14860.000	791.400	0.000	0.000	14390.000	62320.000	60570.000	83%	36.620
3	13:14:18	14760.000	783.800	0.000	0.000	14390.000	62710.000	67550.000	84%	37.070
x		14870.000	788.600	0.000	0.000	14370.000	62270.000	62680.000	83%	37.230
σ		113.700	4.184	0.000	0.000	39.110	462.400	4223.000	1%	0.700
%RSD		0.765	0.530	0.000	0.000	0.272	0.743	6.737	1	1.881

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:12:02	21.050	5.662	126.200	954.200	1842.000	954.300	1080.000	0.752	4.707
2	13:13:10	21.930	5.799	131.300	948.900	1863.000	964.000	1082.000	0.745	4.924
3	13:14:18	20.960	5.805	136.500	951.100	1877.000	967.900	1092.000	0.695	4.591
x		21.310	5.755	131.300	951.400	1861.000	962.100	1085.000	0.730	4.741
σ		0.533	0.081	5.107	2.695	17.930	6.990	6.674	0.031	0.169
%RSD		2.501	1.403	3.888	0.283	0.964	0.727	0.615	4.227	3.569

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:12:02	4.970	4.081	5.173	35.750	0.224	0.836	0.533	0.224	1.177
2	13:13:10	5.014	4.488	5.162	35.850	-0.090	0.940	0.579	-0.089	1.979
3	13:14:18	4.739	4.054	4.803	36.150	0.529	0.916	0.121	0.529	2.311
x		4.908	4.208	5.046	35.910	0.221	0.897	0.411	0.221	1.822
σ		0.148	0.243	0.211	0.210	0.309	0.054	0.252	0.309	0.583
%RSD		3.013	5.783	4.178	0.584	139.900	6.066	61.420	139.800	32.000

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:12:02	22.510	0.916	2.892	1.026	0.948	0.010	80%	3.028	0.192
2	13:13:10	23.890	0.979	2.755	1.093	0.920	0.011	80%	2.027	0.124
3	13:14:18	22.890	0.882	2.749	0.931	0.842	0.017	81%	3.359	0.118
x		23.100	0.925	2.799	1.017	0.903	0.013	80%	2.805	0.145
σ		0.712	0.049	0.081	0.081	0.055	0.004	0%	0.693	0.041
%RSD		3.083	5.335	2.891	8.012	6.073	30.690	0	24.720	28.560

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:12:02	-0.461	3.012	0.173	0.230	0.463	0.937	111.500	107.900	84%
2	13:13:10	-0.170	2.009	0.120	0.202	0.403	0.907	113.400	109.000	85%
3	13:14:18	-0.685	3.342	0.118	0.241	0.344	0.887	112.000	109.900	85%
x		-0.439	2.788	0.137	0.225	0.403	0.910	112.300	109.000	85%
σ		0.258	0.694	0.031	0.020	0.059	0.025	0.950	0.991	1%
%RSD		58.940	24.900	22.800	8.882	14.690	2.777	0.846	0.910	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:12:02	85%	0.306	0.314	0.783	0.685	0.726	83%	3.248
2	13:13:10	86%	0.174	0.170	0.718	0.658	0.689	85%	3.213
3	13:14:18	85%	0.185	0.185	0.733	0.634	0.673	84%	3.210
x		85%	0.221	0.223	0.745	0.659	0.696	84%	3.223
σ		1%	0.073	0.079	0.034	0.026	0.027	1%	0.021
%RSD		1	33.070	35.410	4.550	3.888	3.859	1	0.658

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:19:58	78%	-0.035	438.900	0.000	503700.000	15700.000	14410.000	14430.000	231.700
2	13:21:06	77%	-0.152	457.300	0.000	513000.000	15830.000	14640.000	14710.000	236.700
3	13:22:14	77%	-0.236	442.800	0.000	507600.000	15780.000	14500.000	14640.000	235.700
x		77%	-0.141	446.400	0.000	508100.000	15770.000	14520.000	14600.000	234.700
σ		0%	0.101	9.660	0.000	4664.000	68.600	115.400	145.800	2.642
%RSD		0	71.520	2.164	0.000	0.918	0.435	0.795	0.999	1.126

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:19:58	11390.000	951.900	0.000	0.000	20340.000	47530.000	47090.000	83%	45.340
2	13:21:06	11740.000	969.500	0.000	0.000	20550.000	48630.000	47210.000	83%	43.830
3	13:22:14	11720.000	979.500	0.000	0.000	20670.000	48840.000	47230.000	82%	44.690
x		11620.000	966.900	0.000	0.000	20520.000	48330.000	47180.000	83%	44.620
σ		196.900	13.960	0.000	0.000	166.800	707.100	74.300	1%	0.756
%RSD		1.695	1.444	0.000	0.000	0.813	1.463	0.158	1	1.694

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:19:58	20.350	4.662	140.800	795.900	2766.000	808.300	900.800	0.719	3.843
2	13:21:06	18.270	4.583	149.900	796.800	2805.000	815.200	899.900	0.699	4.001
3	13:22:14	20.430	4.709	154.100	807.200	2799.000	814.500	931.400	0.720	3.690
x		19.680	4.652	148.300	800.000	2790.000	812.700	910.700	0.713	3.845
σ		1.226	0.064	6.793	6.278	21.170	3.797	17.910	0.011	0.155
%RSD		6.228	1.366	4.581	0.785	0.759	0.467	1.967	1.607	4.042

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:19:58	3.242	2.329	3.642	13.300	0.585	1.149	0.657	0.585	2.026
2	13:21:06	3.007	2.637	4.042	13.350	-0.090	1.206	-0.072	-0.089	3.635
3	13:22:14	2.983	2.540	3.893	12.780	0.443	1.318	0.214	0.443	2.650
x		3.077	2.502	3.859	13.140	0.313	1.224	0.266	0.313	2.771
σ		0.143	0.157	0.202	0.313	0.356	0.086	0.367	0.356	0.811
%RSD		4.644	6.284	5.243	2.378	113.700	6.997	137.900	113.700	29.280

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:19:58	21.770	0.398	2.300	0.496	0.401	0.019	79%	3.254	0.073
2	13:21:06	21.280	0.413	2.395	0.422	0.374	0.008	80%	3.512	0.049
3	13:22:14	21.940	0.315	2.280	0.484	0.346	0.013	79%	2.157	0.042
x		21.660	0.375	2.325	0.467	0.374	0.013	80%	2.974	0.055
σ		0.344	0.053	0.062	0.040	0.028	0.006	0%	0.720	0.016
%RSD		1.587	14.120	2.647	8.510	7.450	43.070	0	24.190	30.080

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:19:58	-0.863	3.232	0.054	0.172	0.299	0.624	92.280	89.970	85%
2	13:21:06	-1.079	3.488	0.038	0.223	0.265	0.619	92.610	90.460	86%
3	13:22:14	-0.224	2.140	0.039	0.088	0.240	0.611	92.020	88.600	84%
x		-0.722	2.953	0.043	0.161	0.268	0.618	92.300	89.680	85%
σ		0.445	0.716	0.009	0.068	0.030	0.006	0.299	0.961	1%
%RSD		61.630	24.240	20.240	42.380	11.020	1.048	0.324	1.072	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:19:58	86%	0.104	0.114	0.721	0.630	0.659	84%	1.471
2	13:21:06	86%	0.083	0.069	0.644	0.528	0.614	85%	1.445
3	13:22:14	85%	0.071	0.062	0.735	0.588	0.646	83%	1.465
x		85%	0.086	0.082	0.700	0.582	0.639	84%	1.460
σ		1%	0.017	0.029	0.049	0.051	0.023	1%	0.014
%RSD		1	19.390	34.910	7.002	8.843	3.634	1	0.932

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:27:55	76%	-0.147	442.300	0.000	454500.000	16650.000	15230.000	15480.000	211.300
2	13:29:02	77%	0.005	455.400	0.000	468400.000	17100.000	15830.000	16010.000	219.100
3	13:30:11	77%	-0.252	453.500	0.000	460100.000	16810.000	15490.000	15550.000	215.100
x		77%	-0.131	450.400	0.000	461000.000	16850.000	15520.000	15680.000	215.200
σ		0%	0.129	7.060	0.000	6968.000	229.000	298.700	288.100	3.919
%RSD		1	98.260	1.568	0.000	1.511	1.359	1.925	1.838	1.821

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:27:55	15930.000	1105.000	0.000	0.000	16390.000	50620.000	49340.000	83%	53.150
2	13:29:02	16270.000	1120.000	0.000	0.000	17080.000	52770.000	51110.000	81%	55.570
3	13:30:11	16010.000	1112.000	0.000	0.000	16660.000	51590.000	49790.000	83%	54.660
x		16070.000	1112.000	0.000	0.000	16710.000	51660.000	50080.000	82%	54.460
σ		182.400	7.249	0.000	0.000	346.200	1075.000	918.200	1%	1.220
%RSD		1.135	0.652	0.000	0.000	2.072	2.081	1.834	1	2.239

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:27:55	21.710	5.698	129.500	451.900	4300.000	459.600	582.300	0.584	5.608
2	13:29:02	23.230	5.842	139.700	473.800	4472.000	482.700	621.500	0.616	5.730
3	13:30:11	22.360	5.735	138.700	455.100	4314.000	462.800	578.300	0.571	5.659
x		22.430	5.759	136.000	460.300	4362.000	468.300	594.100	0.590	5.666
σ		0.762	0.075	5.606	11.820	95.320	12.530	23.890	0.023	0.061
%RSD		3.396	1.294	4.122	2.567	2.185	2.675	4.022	3.894	1.081

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:27:55	2.935	2.230	13.710	14.120	0.679	0.996	-0.251	0.680	-0.387
2	13:29:02	2.964	2.491	14.320	13.770	0.475	1.238	0.898	0.475	3.675
3	13:30:11	2.822	2.359	13.610	13.950	0.030	1.147	-1.016	0.030	2.963
x		2.907	2.360	13.880	13.940	0.395	1.127	-0.123	0.395	2.084
σ		0.075	0.131	0.384	0.175	0.332	0.122	0.964	0.332	2.169
%RSD		2.577	5.532	2.768	1.253	84.060	10.820	784.400	84.020	104.100

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:27:55	23.160	0.355	2.348	0.358	0.325	0.008	80%	3.194	1.483
2	13:29:02	24.860	0.259	2.466	0.387	0.283	0.010	78%	1.961	1.552
3	13:30:11	23.500	0.330	2.481	0.489	0.321	0.008	80%	2.842	1.491
x		23.840	0.315	2.432	0.411	0.310	0.008	79%	2.666	1.509
σ		0.901	0.050	0.073	0.069	0.023	0.001	1%	0.635	0.038
%RSD		3.780	15.800	3.002	16.710	7.477	14.710	1	23.830	2.498

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:27:55	-0.656	3.176	1.492	0.130	0.240	0.205	94.600	91.990	85%
2	13:29:02	-0.118	1.942	1.499	0.032	0.237	0.188	98.640	93.840	84%
3	13:30:11	-0.523	2.825	1.416	0.099	0.261	0.220	95.850	91.820	85%
x		-0.432	2.648	1.469	0.087	0.246	0.204	96.360	92.550	84%
σ		0.281	0.635	0.046	0.050	0.013	0.016	2.069	1.121	1%
%RSD		64.920	24.000	3.142	57.600	5.308	7.838	2.147	1.211	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:27:55	86%	0.081	0.069	0.308	0.251	0.287	84%	0.996
2	13:29:02	84%	0.063	0.055	0.288	0.270	0.285	83%	1.027
3	13:30:11	85%	0.058	0.061	0.291	0.258	0.277	85%	0.997
x		85%	0.067	0.062	0.296	0.260	0.283	84%	1.007
σ		1%	0.012	0.007	0.011	0.010	0.005	1%	0.018
%RSD		1	18.490	11.240	3.573	3.744	1.822	1	1.797

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:35:51	78%	-0.052	350.600	0.000	521300.000	15200.000	13970.000	14090.000	313.200
2	13:37:00	77%	-0.201	382.400	0.000	523700.000	15350.000	14090.000	14150.000	311.100
3	13:38:08	77%	-0.003	364.200	0.000	521700.000	15380.000	14240.000	14230.000	314.500
x		77%	-0.085	365.700	0.000	522300.000	15310.000	14100.000	14160.000	313.000
σ		1%	0.103	15.950	0.000	1270.000	96.940	136.500	69.300	1.721
%RSD		1	120.400	4.362	0.000	0.243	0.633	0.968	0.490	0.550

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:35:51	12360.000	1154.000	0.000	0.000	23070.000	50200.000	48790.000	82%	62.990
2	13:37:00	12210.000	1155.000	0.000	0.000	22910.000	50500.000	48500.000	84%	60.200
3	13:38:08	12400.000	1163.000	0.000	0.000	23180.000	49840.000	48590.000	82%	60.210
x		12320.000	1158.000	0.000	0.000	23050.000	50180.000	48630.000	83%	61.130
σ		97.150	4.740	0.000	0.000	135.300	328.500	144.700	1%	1.608
%RSD		0.788	0.409	0.000	0.000	0.587	0.655	0.298	1	2.631

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:35:51	31.430	4.572	150.000	1958.000	3710.000	2102.000	2054.000	0.501	4.528
2	13:37:00	29.150	4.524	160.500	1928.000	3658.000	2095.000	2021.000	0.508	4.387
3	13:38:08	30.640	4.712	168.700	1960.000	3731.000	2123.000	2057.000	0.515	4.471
x		30.410	4.603	159.700	1948.000	3699.000	2107.000	2044.000	0.508	4.462
σ		1.154	0.097	9.380	17.830	37.280	14.860	20.160	0.007	0.071
%RSD		3.796	2.112	5.873	0.915	1.008	0.706	0.986	1.344	1.590

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:35:51	2.713	2.035	6.112	43.120	0.225	1.324	0.600	0.225	3.075
2	13:37:00	2.666	2.056	6.244	43.120	-0.542	1.327	-0.408	-0.542	3.994
3	13:38:08	2.812	2.026	6.394	44.740	0.448	1.498	0.373	0.448	1.468
x		2.730	2.039	6.250	43.660	0.043	1.383	0.188	0.044	2.845
σ		0.075	0.015	0.141	0.937	0.519	0.100	0.529	0.519	1.279
%RSD		2.734	0.744	2.261	2.146	1196.000	7.205	280.700	1186.000	44.940

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:35:51	18.560	0.336	1.809	0.418	0.278	0.012	79%	4.135	0.067
2	13:37:00	19.260	0.222	1.755	0.279	0.281	0.004	80%	1.839	0.035
3	13:38:08	19.940	0.322	1.945	0.327	0.302	0.014	78%	2.746	0.035
x		19.250	0.294	1.836	0.341	0.287	0.010	79%	2.907	0.046
σ		0.690	0.062	0.098	0.070	0.013	0.005	1%	1.157	0.019
%RSD		3.581	21.290	5.320	20.640	4.645	53.770	2	39.800	40.520

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:35:51	-1.156	4.113	0.035	0.159	0.161	0.423	92.660	88.760	85%
2	13:37:00	0.033	1.823	0.025	0.055	0.165	0.464	91.010	88.780	85%
3	13:38:08	-0.797	2.726	0.027	0.138	0.160	0.476	92.920	89.660	84%
x		-0.640	2.887	0.029	0.118	0.162	0.454	92.190	89.060	85%
σ		0.610	1.153	0.005	0.055	0.002	0.028	1.035	0.512	1%
%RSD		95.290	39.940	17.680	46.770	1.510	6.131	1.123	0.575	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:35:51	86%	0.036	0.054	0.705	0.620	0.679	84%	2.173
2	13:37:00	86%	0.044	0.041	0.745	0.674	0.697	84%	2.151
3	13:38:08	84%	0.034	0.045	0.728	0.676	0.696	82%	2.199
x		85%	0.038	0.047	0.726	0.657	0.691	84%	2.174
σ		1%	0.005	0.006	0.020	0.032	0.010	1%	0.024
%RSD		2	14.230	13.630	2.767	4.899	1.497	2	1.108

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:43:49	76%	-0.111	252.800	0.000	346400.000	8655.000	7877.000	7926.000	568.200
2	13:44:57	77%	0.012	234.700	0.000	343700.000	8585.000	7851.000	7921.000	568.100
3	13:46:05	76%	0.069	243.700	0.000	346600.000	8697.000	7904.000	7921.000	580.100
x		76%	-0.010	243.700	0.000	345600.000	8646.000	7877.000	7923.000	572.100
σ		1%	0.092	9.061	0.000	1636.000	56.870	26.580	2.856	6.888
%RSD		1	933.400	3.718	0.000	0.474	0.658	0.337	0.036	1.204

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:43:49	9751.000	722.200	0.000	0.000	18640.000	30310.000	29420.000	80%	39.920
2	13:44:57	9857.000	718.100	0.000	0.000	18620.000	29780.000	29440.000	81%	38.930
3	13:46:05	9996.000	734.700	0.000	0.000	18680.000	29800.000	29440.000	81%	40.100
x		9868.000	725.000	0.000	0.000	18650.000	29960.000	29430.000	81%	39.650
σ		122.700	8.683	0.000	0.000	30.350	300.000	15.880	0%	0.628
%RSD		1.243	1.198	0.000	0.000	0.163	1.001	0.054	0	1.583

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:43:49	28.630	5.043	158.000	327.900	927.400	331.400	411.600	0.421	2.455
2	13:44:57	29.440	4.990	164.100	327.600	929.800	333.700	401.000	0.438	2.889
3	13:46:05	28.730	5.045	171.700	324.300	927.400	332.000	410.600	0.460	2.622
x		28.930	5.026	164.600	326.600	928.200	332.400	407.700	0.440	2.655
σ		0.443	0.031	6.890	1.982	1.397	1.218	5.827	0.020	0.219
%RSD		1.532	0.621	4.186	0.607	0.150	0.366	1.429	4.478	8.233

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:43:49	3.822	3.276	6.739	9.449	0.181	1.233	0.159	0.181	2.399
2	13:44:57	3.630	3.285	6.942	9.387	0.081	1.355	1.030	0.082	3.641
3	13:46:05	3.589	3.372	6.534	8.652	0.474	1.484	-0.330	0.473	2.762
x		3.680	3.311	6.738	9.163	0.245	1.357	0.287	0.245	2.934
σ		0.124	0.053	0.204	0.443	0.204	0.126	0.689	0.203	0.639
%RSD		3.370	1.607	3.032	4.838	83.100	9.266	240.300	83.020	21.770

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:43:49	10.910	1.805	2.650	1.777	1.848	0.018	78%	1.144	0.043
2	13:44:57	11.490	1.872	2.889	1.859	1.972	0.014	78%	2.713	0.033
3	13:46:05	11.100	1.749	2.713	2.037	1.795	0.010	79%	1.237	0.030
x		11.170	1.809	2.751	1.891	1.872	0.014	78%	1.698	0.036
σ		0.296	0.062	0.124	0.133	0.091	0.004	0%	0.880	0.007
%RSD		2.650	3.406	4.498	7.021	4.839	28.930	0	51.840	19.570

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:43:49	-0.350	1.131	0.042	0.090	0.180	0.439	73.070	71.020	82%
2	13:44:57	-0.908	2.698	0.029	0.171	0.153	0.517	74.660	71.550	83%
3	13:46:05	-0.244	1.227	0.021	0.075	0.147	0.459	73.750	71.520	82%
x		-0.501	1.685	0.031	0.112	0.160	0.472	73.830	71.360	82%
σ		0.357	0.878	0.011	0.051	0.018	0.041	0.797	0.298	0%
%RSD		71.300	52.100	35.960	45.980	11.070	8.646	1.080	0.418	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:43:49	83%	0.048	0.046	0.999	0.921	0.972	82%	1.276
2	13:44:57	83%	0.045	0.059	1.048	0.921	0.994	82%	1.241
3	13:46:05	83%	0.040	0.039	1.083	0.972	0.997	82%	1.252
x		83%	0.045	0.048	1.043	0.938	0.988	82%	1.257
σ		0%	0.004	0.010	0.043	0.030	0.014	0%	0.018
%RSD		0	8.931	21.610	4.079	3.155	1.374	0	1.419

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:51:48	74%	-0.303	26.160	0.000	19280.000	700.200	702.500	708.000	3.961
2	13:52:57	74%	-0.223	24.000	0.000	19390.000	707.500	711.400	727.200	3.971
3	13:54:05	74%	-0.215	23.970	0.000	19480.000	707.300	703.400	708.400	4.376
x		74%	-0.247	24.710	0.000	19390.000	705.000	705.800	714.600	4.103
σ		0%	0.049	1.260	0.000	100.500	4.132	4.889	10.990	0.237
%RSD		0	19.800	5.099	0.000	0.518	0.586	0.693	1.539	5.767

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:51:48	571.200	35.860	0.000	0.000	651.100	2495.000	2507.000	77%	1.630
2	13:52:57	570.500	32.240	0.000	0.000	636.400	2555.000	2481.000	78%	1.549
3	13:54:05	565.200	38.920	0.000	0.000	637.300	2587.000	2532.000	78%	1.527
x		569.000	35.670	0.000	0.000	641.600	2545.000	2506.000	78%	1.569
σ		3.294	3.343	0.000	0.000	8.225	46.740	25.450	1%	0.054
%RSD		0.579	9.371	0.000	0.000	1.282	1.836	1.015	1	3.464

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:51:48	-0.573	0.551	76.890	43.190	71.930	32.450	53.720	0.007	0.239
2	13:52:57	0.468	0.573	72.390	43.420	71.660	31.550	50.730	0.032	0.228
3	13:54:05	-0.098	0.481	70.410	45.290	72.220	30.950	48.240	0.024	0.236
x		-0.068	0.535	73.230	43.970	71.940	31.650	50.900	0.021	0.234
σ		0.521	0.048	3.319	1.152	0.281	0.754	2.744	0.013	0.006
%RSD		767.000	8.926	4.532	2.620	0.391	2.384	5.391	61.820	2.493

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:51:48	0.103	0.163	0.467	1.556	-0.016	0.662	0.025	-0.016	1.783
2	13:52:57	0.162	0.226	0.519	1.832	-0.238	0.579	0.047	-0.236	1.180
3	13:54:05	0.149	0.269	0.439	0.978	-0.017	0.691	0.191	-0.017	1.566
x		0.138	0.219	0.475	1.455	-0.090	0.644	0.087	-0.090	1.510
σ		0.031	0.053	0.041	0.436	0.128	0.058	0.090	0.127	0.306
%RSD		22.360	24.340	8.574	29.950	141.800	9.028	103.000	141.600	20.250

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:51:48	0.925	0.020	0.143	0.146	0.023	0.008	80%	-0.524	0.010
2	13:52:57	0.925	0.017	0.129	0.127	0.006	0.006	80%	-0.004	0.012
3	13:54:05	1.181	0.004	0.158	0.089	0.030	0.011	80%	1.209	0.006
x		1.011	0.014	0.143	0.121	0.020	0.008	80%	0.227	0.009
σ		0.148	0.008	0.015	0.029	0.012	0.003	0%	0.889	0.003
%RSD		14.650	60.890	10.360	24.240	61.180	34.940	0	391.600	32.810

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:51:48	0.281	-0.530	0.009	-0.035	0.030	0.024	4.374	4.258	82%
2	13:52:57	0.186	-0.012	0.009	-0.005	0.026	0.032	4.636	4.507	83%
3	13:54:05	-0.508	1.202	0.019	0.054	-0.004	0.029	4.603	4.468	83%
x		-0.014	0.220	0.012	0.005	0.017	0.028	4.537	4.411	83%
σ		0.431	0.889	0.006	0.045	0.019	0.004	0.143	0.134	0%
%RSD		3113.000	404.000	46.250	959.400	109.900	15.100	3.144	3.028	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:51:48	84%	0.042	0.043	0.039	0.029	0.030	87%	0.111
2	13:52:57	84%	0.046	0.033	0.028	0.021	0.022	87%	0.121
3	13:54:05	84%	0.033	0.040	0.032	0.017	0.025	87%	0.119
x		84%	0.040	0.039	0.033	0.023	0.026	87%	0.117
σ		0%	0.006	0.005	0.005	0.006	0.004	1%	0.005
%RSD		0	15.580	13.590	16.410	26.840	17.210	1	4.616

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:59:47	73%	-0.275	21.060	0.000	21310.000	597.000	596.200	616.400	10.100
2	14:00:56	73%	-0.230	25.980	0.000	21600.000	607.200	606.600	611.600	9.549
3	14:02:04	75%	-0.130	22.810	0.000	21000.000	588.200	608.400	599.000	9.503
x		74%	-0.212	23.280	0.000	21300.000	597.500	603.700	609.000	9.717
σ		1%	0.075	2.493	0.000	302.200	9.514	6.604	8.961	0.333
%RSD		1	35.220	10.710	0.000	1.418	1.592	1.094	1.471	3.425

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:59:47	472.600	42.880	0.000	0.000	863.400	1989.000	1936.000	78%	1.823
2	14:00:56	475.200	41.570	0.000	0.000	877.600	2039.000	1966.000	77%	1.799
3	14:02:04	465.100	42.690	0.000	0.000	851.100	1981.000	1918.000	78%	1.501
x		471.000	42.380	0.000	0.000	864.000	2003.000	1940.000	78%	1.708
σ		5.240	0.712	0.000	0.000	13.300	31.470	24.210	0%	0.179
%RSD		1.113	1.680	0.000	0.000	1.540	1.571	1.248	0	10.500

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:59:47	0.679	0.425	59.400	42.130	106.900	26.820	38.850	0.025	0.109
2	14:00:56	0.793	0.389	58.380	40.880	108.000	27.210	43.980	0.037	0.227
3	14:02:04	-0.466	0.413	58.010	37.720	106.300	26.170	40.920	0.023	0.169
x		0.335	0.409	58.600	40.250	107.100	26.730	41.250	0.029	0.168
σ		0.697	0.018	0.723	2.276	0.866	0.523	2.581	0.007	0.059
%RSD		207.700	4.493	1.234	5.657	0.809	1.955	6.256	26.240	35.120

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:59:47	0.070	0.063	0.256	0.449	-0.436	0.549	-0.211	-0.433	3.055
2	14:00:56	0.171	0.057	0.350	0.695	-0.314	0.494	0.112	-0.312	2.417
3	14:02:04	0.076	0.082	0.223	0.723	-0.434	0.489	-0.136	-0.431	3.001
x		0.106	0.067	0.276	0.622	-0.395	0.510	-0.078	-0.392	2.824
σ		0.056	0.013	0.066	0.151	0.070	0.033	0.169	0.069	0.353
%RSD		53.450	19.600	23.880	24.290	17.680	6.530	216.100	17.660	12.510

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:59:47	0.871	-0.005	0.084	0.118	0.010	0.006	80%	0.027	0.011
2	14:00:56	0.878	0.002	0.133	0.052	-0.008	0.008	80%	-0.861	0.012
3	14:02:04	0.812	0.007	0.122	0.051	0.013	0.006	81%	-0.428	0.015
x		0.853	0.001	0.113	0.074	0.005	0.006	80%	-0.421	0.012
σ		0.036	0.006	0.026	0.038	0.011	0.001	1%	0.444	0.002
%RSD		4.233	396.500	22.820	51.660	227.700	17.950	1	105.600	15.570

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:59:47	-0.009	0.019	0.009	-0.004	0.014	0.016	3.897	3.812	83%
2	14:00:56	0.471	-0.868	0.002	-0.052	-0.001	0.031	3.684	3.836	82%
3	14:02:04	0.266	-0.436	0.006	-0.026	0.012	0.035	3.384	3.552	84%
x		0.243	-0.428	0.006	-0.027	0.009	0.027	3.655	3.733	83%
σ		0.241	0.444	0.003	0.024	0.008	0.010	0.258	0.158	1%
%RSD		99.250	103.500	61.160	88.050	98.720	36.770	7.048	4.219	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	13:59:47	84%	0.039	0.040	0.037	0.032	0.032	86%	0.055
2	14:00:56	83%	0.049	0.035	0.040	0.025	0.034	86%	0.057
3	14:02:04	84%	0.038	0.039	0.031	0.034	0.039	87%	0.057
x		84%	0.042	0.038	0.036	0.030	0.035	86%	0.057
σ		1%	0.006	0.002	0.004	0.005	0.003	1%	0.001
%RSD		1	14.730	6.480	12.300	15.080	9.699	1	1.768

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:07:46	75%	-0.168	21.640	0.000	18900.000	621.100	625.600	631.600	8.437
2	14:08:55	74%	-0.226	21.740	0.000	19130.000	630.500	637.500	626.400	8.473
3	14:10:03	73%	-0.256	18.640	0.000	19890.000	654.600	656.600	665.200	9.139
x		74%	-0.217	20.680	0.000	19310.000	635.400	639.900	641.100	8.683
σ		1%	0.045	1.761	0.000	521.000	17.250	15.660	21.040	0.396
%RSD		2	20.640	8.519	0.000	2.699	2.715	2.448	3.282	4.555

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:07:46	601.100	44.530	0.000	0.000	698.100	2056.000	2047.000	78%	1.889
2	14:08:55	592.700	43.610	0.000	0.000	703.300	2079.000	2084.000	79%	1.850
3	14:10:03	631.500	46.760	0.000	0.000	736.900	2272.000	2143.000	77%	2.866
x		608.400	44.970	0.000	0.000	712.800	2135.000	2091.000	78%	2.202
σ		20.430	1.623	0.000	0.000	21.090	118.500	48.540	1%	0.575
%RSD		3.358	3.608	0.000	0.000	2.958	5.549	2.321	1	26.130

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:07:46	0.419	0.428	49.150	20.050	167.400	13.270	24.850	0.018	0.234
2	14:08:55	0.569	0.470	47.650	21.130	166.100	11.310	28.420	0.016	0.198
3	14:10:03	0.698	0.450	48.880	24.130	173.800	14.650	28.390	0.018	0.301
x		0.562	0.450	48.560	21.770	169.100	13.070	27.220	0.017	0.244
σ		0.139	0.021	0.800	2.115	4.113	1.682	2.055	0.001	0.052
%RSD		24.810	4.648	1.647	9.713	2.432	12.860	7.550	6.530	21.460

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:07:46	0.137	0.086	0.546	0.492	-0.287	0.440	-0.170	-0.286	1.338
2	14:08:55	0.070	0.017	0.689	0.650	-0.139	0.402	0.088	-0.138	0.400
3	14:10:03	0.137	0.133	0.780	0.311	-0.016	0.481	0.595	-0.016	1.012
x		0.115	0.079	0.672	0.484	-0.147	0.441	0.171	-0.146	0.917
σ		0.038	0.058	0.118	0.170	0.136	0.039	0.389	0.135	0.476
%RSD		33.430	73.690	17.500	35.050	92.440	8.903	227.600	92.370	51.960

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:07:46	0.899	0.008	0.084	0.113	-0.003	0.015	80%	0.141	0.069
2	14:08:55	1.056	-0.023	0.074	0.037	-0.020	0.011	81%	-0.007	0.068
3	14:10:03	1.110	0.042	0.114	0.053	-0.023	0.010	79%	-0.605	0.060
x		1.022	0.009	0.091	0.068	-0.015	0.012	80%	-0.157	0.066
σ		0.109	0.033	0.021	0.040	0.011	0.003	1%	0.395	0.005
%RSD		10.710	366.100	22.620	59.520	71.410	23.910	1	251.900	7.032

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:07:46	0.028	0.132	0.045	0.000	0.017	0.011	3.679	3.785	83%
2	14:08:55	0.067	-0.016	0.060	-0.004	0.017	0.007	3.845	3.560	84%
3	14:10:03	0.322	-0.616	0.067	-0.032	0.021	0.000	3.946	3.922	84%
x		0.139	-0.167	0.057	-0.012	0.018	0.006	3.823	3.755	84%
σ		0.160	0.396	0.011	0.017	0.002	0.006	0.135	0.183	0%
%RSD		114.800	237.800	19.220	144.200	11.270	88.540	3.531	4.872	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:07:46	84%	0.054	0.052	0.008	0.013	0.010	86%	0.041
2	14:08:55	84%	0.029	0.043	0.026	0.022	0.017	88%	0.041
3	14:10:03	84%	0.059	0.049	0.015	0.007	0.013	87%	0.040
x		84%	0.047	0.048	0.016	0.014	0.013	87%	0.041
σ		0%	0.016	0.005	0.009	0.007	0.004	1%	0.000
%RSD		0	33.670	9.429	55.090	51.560	26.540	1	0.831

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:15:45	75%	-0.218	13.460	0.000	22270.000	584.900	581.500	581.200	12.750
2	14:16:54	73%	-0.213	16.750	0.000	22480.000	595.800	589.200	596.600	12.740
3	14:18:02	75%	-0.270	16.320	0.000	22470.000	590.000	592.600	589.600	13.140
x		74%	-0.234	15.510	0.000	22410.000	590.200	587.800	589.100	12.880
σ		1%	0.032	1.790	0.000	120.700	5.491	5.712	7.693	0.228
%RSD		1	13.520	11.540	0.000	0.539	0.930	0.972	1.306	1.772

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:15:45	495.900	46.510	0.000	0.000	957.600	2058.000	2023.000	79%	2.009
2	14:16:54	499.700	52.200	0.000	0.000	970.300	2032.000	2060.000	78%	2.472
3	14:18:02	504.700	48.110	0.000	0.000	981.500	2172.000	2058.000	78%	1.923
x		500.100	48.940	0.000	0.000	969.800	2087.000	2047.000	78%	2.134
σ		4.417	2.939	0.000	0.000	11.930	74.730	21.130	1%	0.295
%RSD		0.883	6.005	0.000	0.000	1.230	3.580	1.032	1	13.840

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:15:45	0.847	0.303	44.200	85.560	145.600	76.490	82.410	0.020	0.299
2	14:16:54	0.630	0.314	44.360	87.070	145.900	77.040	83.970	0.014	0.260
3	14:18:02	0.540	0.384	45.000	87.140	146.500	78.000	91.300	0.015	0.323
x		0.672	0.334	44.520	86.590	146.000	77.180	85.890	0.017	0.294
σ		0.158	0.044	0.421	0.893	0.494	0.767	4.746	0.003	0.032
%RSD		23.510	13.110	0.946	1.031	0.339	0.994	5.526	19.740	10.710

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:15:45	0.093	-0.048	0.426	1.691	-0.775	0.353	-0.470	-0.771	4.099
2	14:16:54	0.095	0.074	0.384	2.042	-1.098	0.339	-0.324	-1.091	4.866
3	14:18:02	0.097	0.086	0.531	1.540	-0.778	0.424	-0.049	-0.772	3.844
x		0.095	0.037	0.447	1.758	-0.884	0.372	-0.281	-0.878	4.270
σ		0.002	0.074	0.076	0.258	0.186	0.046	0.214	0.185	0.532
%RSD		2.149	197.700	16.900	14.660	21.040	12.260	76.110	21.030	12.450

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:15:45	0.774	-0.029	0.072	0.018	-0.036	0.004	80%	0.225	0.005
2	14:16:54	0.792	-0.023	0.075	-0.000	-0.021	0.009	80%	-0.189	0.000
3	14:18:02	0.730	-0.014	0.049	0.018	-0.014	0.006	81%	0.196	0.001
x		0.765	-0.022	0.065	0.012	-0.024	0.006	81%	0.077	0.002
σ		0.032	0.008	0.014	0.011	0.011	0.003	0%	0.231	0.003
%RSD		4.146	34.180	21.380	89.930	46.380	45.960	0	299.000	129.100

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:15:45	-0.041	0.212	0.005	0.023	-0.001	0.018	3.653	3.685	85%
2	14:16:54	0.124	-0.200	0.001	-0.015	-0.003	0.005	3.706	3.476	85%
3	14:18:02	0.032	0.184	0.003	0.019	0.009	0.005	3.613	3.578	85%
x		0.039	0.065	0.003	0.009	0.002	0.010	3.657	3.580	85%
σ		0.083	0.230	0.002	0.021	0.007	0.008	0.047	0.104	0%
%RSD		214.000	353.200	66.200	223.800	375.200	77.940	1.276	2.911	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:15:45	86%	0.039	0.045	0.033	0.025	0.031	89%	0.083
2	14:16:54	86%	0.045	0.042	0.032	0.025	0.032	89%	0.086
3	14:18:02	86%	0.039	0.032	0.037	0.017	0.031	88%	0.090
x		86%	0.041	0.040	0.034	0.022	0.031	89%	0.086
σ		0%	0.003	0.006	0.003	0.005	0.001	1%	0.003
%RSD		0	7.946	16.360	7.427	20.820	2.033	1	3.989

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:23:45	74%	-0.276	11.930	0.000	14370.000	325.000	324.800	323.300	23.120
2	14:24:54	74%	-0.216	13.410	0.000	14110.000	314.500	313.700	319.700	22.250
3	14:26:02	73%	-0.203	10.220	0.000	14320.000	320.600	322.600	320.200	23.160
x		74%	-0.232	11.850	0.000	14270.000	320.000	320.400	321.100	22.840
σ		0%	0.039	1.592	0.000	136.600	5.278	5.881	1.921	0.516
%RSD		1	16.720	13.430	0.000	0.958	1.649	1.836	0.599	2.257

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:23:45	389.800	33.490	0.000	0.000	778.100	1203.000	1196.000	78%	1.365
2	14:24:54	393.200	34.130	0.000	0.000	756.300	1203.000	1170.000	79%	1.525
3	14:26:02	389.100	30.490	0.000	0.000	765.900	1273.000	1185.000	78%	1.673
x		390.700	32.700	0.000	0.000	766.800	1226.000	1184.000	78%	1.521
σ		2.201	1.942	0.000	0.000	10.880	39.980	12.930	0%	0.154
%RSD		0.563	5.936	0.000	0.000	1.419	3.260	1.092	1	10.140

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:23:45	1.203	0.291	39.490	15.450	39.120	8.389	21.600	0.012	0.157
2	14:24:54	0.589	0.320	39.480	15.030	37.380	6.572	20.520	0.024	0.180
3	14:26:02	1.450	0.373	38.480	11.120	37.940	7.798	24.140	0.021	0.201
x		1.081	0.328	39.150	13.870	38.150	7.586	22.090	0.019	0.179
σ		0.443	0.041	0.581	2.387	0.888	0.927	1.858	0.006	0.022
%RSD		41.020	12.610	1.485	17.210	2.328	12.220	8.411	31.740	12.420

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:23:45	0.232	0.043	0.600	0.251	-0.612	0.348	-0.468	-0.609	0.843
2	14:24:54	0.185	0.138	0.578	0.385	0.082	0.291	-0.124	0.081	0.002
3	14:26:02	0.147	0.105	0.656	0.487	-0.530	0.291	-0.132	-0.526	2.224
x		0.188	0.095	0.612	0.375	-0.353	0.310	-0.241	-0.351	1.023
σ		0.043	0.048	0.040	0.118	0.379	0.033	0.197	0.377	1.122
%RSD		22.660	50.240	6.574	31.590	107.300	10.690	81.620	107.300	109.700

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:23:45	0.442	0.042	0.060	0.101	0.026	0.013	79%	0.812	-0.001
2	14:24:54	0.487	0.025	0.069	0.079	0.052	0.009	80%	-1.426	0.001
3	14:26:02	0.376	0.043	0.065	0.083	0.067	0.009	81%	-0.288	0.002
x		0.435	0.037	0.065	0.088	0.048	0.011	80%	-0.300	0.001
σ		0.056	0.010	0.005	0.011	0.021	0.002	1%	1.119	0.001
%RSD		12.820	26.710	7.198	13.070	43.400	21.690	1	372.300	195.200

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:23:45	-0.378	0.800	0.003	0.048	0.025	0.025	2.907	2.866	83%
2	14:24:54	0.708	-1.434	0.005	-0.077	-0.002	0.014	2.959	2.789	84%
3	14:26:02	0.140	-0.295	0.003	-0.008	-0.004	0.003	2.975	3.064	84%
x		0.156	-0.310	0.004	-0.012	0.007	0.014	2.947	2.906	84%
σ		0.543	1.117	0.001	0.063	0.016	0.011	0.035	0.142	0%
%RSD		347.400	360.700	30.930	502.000	243.400	76.320	1.203	4.872	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:23:45	84%	0.054	0.049	0.046	0.036	0.047	86%	0.055
2	14:24:54	85%	0.036	0.034	0.051	0.041	0.045	88%	0.047
3	14:26:02	85%	0.036	0.046	0.042	0.050	0.048	89%	0.049
x		84%	0.042	0.043	0.046	0.042	0.047	88%	0.050
σ		0%	0.010	0.008	0.005	0.007	0.001	1%	0.004
%RSD		0	24.150	18.200	10.220	17.310	2.592	1	8.750

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:31:46	74%	499.700	480.600	0.000	53980.000	54060.000	54420.000	54080.000	10680.000
2	14:32:54	72%	511.500	508.800	0.000	54930.000	54940.000	55400.000	55020.000	10850.000
3	14:34:03	72%	522.100	506.100	0.000	55740.000	55620.000	56320.000	55720.000	11020.000
x		73%	511.100	498.500	0.000	54890.000	54880.000	55380.000	54940.000	10850.000
σ		1%	11.230	15.600	0.000	880.000	781.000	953.000	819.100	169.100
%RSD		2	2.197	3.130	0.000	1.603	1.423	1.721	1.491	1.558

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:31:46	487.600	9752.000	0.000	0.000	26820.000	49200.000	48070.000	79%	493.400
2	14:32:54	495.900	9904.000	0.000	0.000	27260.000	49550.000	47950.000	80%	485.800
3	14:34:03	509.000	9921.000	0.000	0.000	27260.000	49150.000	48510.000	80%	492.900
x		497.500	9859.000	0.000	0.000	27110.000	49300.000	48180.000	80%	490.700
σ		10.800	92.560	0.000	0.000	253.500	217.400	295.000	0%	4.228
%RSD		2.171	0.939	0.000	0.000	0.935	0.441	0.612	0	0.862

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:31:46	488.400	490.600	36.730	26910.000	947.000	26890.000	25070.000	492.200	493.100
2	14:32:54	484.700	491.100	36.430	27130.000	957.700	27030.000	25110.000	495.800	496.500
3	14:34:03	492.100	494.200	34.560	26960.000	956.500	26970.000	24980.000	494.700	494.000
x		488.400	492.000	35.910	27000.000	953.800	26960.000	25060.000	494.200	494.500
σ		3.684	1.940	1.180	113.000	5.846	70.380	67.160	1.815	1.762
%RSD		0.754	0.394	3.285	0.419	0.613	0.261	0.268	0.367	0.356

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:31:46	949.600	951.600	956.800	478.500	486.300	-0.307	482.300	483.900	2.264
2	14:32:54	962.700	969.300	963.800	480.000	489.600	-0.415	486.900	487.800	1.688
3	14:34:03	958.500	964.500	959.900	484.300	490.700	-0.870	486.100	488.800	3.677
x		956.900	961.800	960.200	480.900	488.900	-0.531	485.100	486.800	2.543
σ		6.663	9.156	3.541	3.031	2.320	0.298	2.433	2.566	1.024
%RSD		0.696	0.952	0.369	0.630	0.475	56.240	0.502	0.527	40.260

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:31:46	479.700	481.400	475.000	477.400	479.100	0.021	80%	488.000	484.300
2	14:32:54	488.500	484.700	485.400	481.700	486.400	0.021	80%	497.500	488.800
3	14:34:03	487.700	488.200	486.600	490.400	487.700	0.006	80%	490.400	494.600
x		485.300	484.800	482.400	483.200	484.400	0.016	80%	492.000	489.300
σ		4.828	3.385	6.411	6.659	4.649	0.009	0%	4.892	5.171
%RSD		0.995	0.698	1.329	1.378	0.960	55.400	0	0.994	1.057

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:31:46	10.310	487.400	484.700	493.100	483.400	483.100	2415.000	2340.000	85%
2	14:32:54	9.285	496.700	487.900	493.900	490.600	490.400	2428.000	2348.000	85%
3	14:34:03	10.720	489.700	489.500	498.200	490.000	487.800	2444.000	2364.000	85%
x		10.110	491.300	487.300	495.100	488.000	487.100	2429.000	2351.000	85%
σ		0.741	4.861	2.437	2.736	3.957	3.663	14.850	12.070	0%
%RSD		7.327	0.990	0.500	0.553	0.811	0.752	0.611	0.513	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:31:46	85%	488.300	532.400	492.700	492.300	489.600	86%	515.200
2	14:32:54	85%	493.000	538.500	500.100	499.000	496.700	86%	523.500
3	14:34:03	85%	493.200	538.400	499.100	495.100	495.000	87%	519.600
x		85%	491.500	536.500	497.300	495.500	493.800	86%	519.500
σ		0%	2.798	3.473	4.017	3.375	3.735	0%	4.175
%RSD		0	0.569	0.647	0.808	0.681	0.756	0	0.804

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:39:47	73%	-0.007	8.303	0.000	162.100	21.850	22.170	23.140	3.926
2	14:40:55	75%	-0.007	7.806	0.000	142.200	18.410	17.580	19.660	3.460
3	14:42:03	72%	0.008	6.467	0.000	156.600	23.440	23.450	23.230	4.563
x		73%	-0.002	7.526	0.000	153.600	21.230	21.060	22.010	3.983
σ		1%	0.009	0.949	0.000	10.290	2.568	3.088	2.035	0.554
%RSD		2	430.700	12.620	0.000	6.696	12.090	14.660	9.246	13.910

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:39:47	1.001	7.559	0.000	0.000	54.900	14.070	-0.800	77%	0.213
2	14:40:55	0.192	4.260	0.000	0.000	48.110	8.712	-3.399	78%	0.012
3	14:42:03	-0.287	7.774	0.000	0.000	53.440	22.200	-0.432	78%	0.308
x		0.302	6.531	0.000	0.000	52.150	14.990	-1.544	78%	0.178
σ		0.651	1.970	0.000	0.000	3.575	6.790	1.617	0%	0.151
%RSD		215.600	30.160	0.000	0.000	6.856	45.290	104.800	0	85.190

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:39:47	0.403	0.381	28.970	14.970	0.478	2.737	17.110	0.195	0.342
2	14:40:55	0.727	0.351	28.190	8.886	0.395	2.871	15.850	0.184	0.295
3	14:42:03	-0.210	0.373	28.830	14.420	0.457	3.708	17.580	0.220	0.352
x		0.306	0.368	28.660	12.760	0.443	3.106	16.850	0.200	0.330
σ		0.476	0.016	0.418	3.365	0.043	0.526	0.891	0.018	0.031
%RSD		155.200	4.248	1.459	26.380	9.757	16.950	5.291	9.105	9.315

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:39:47	0.379	0.345	0.372	0.324	0.378	0.208	-0.228	0.375	-0.683
2	14:40:55	0.417	0.212	0.414	0.069	-0.288	0.235	-0.399	-0.286	3.778
3	14:42:03	0.494	0.346	0.311	0.170	0.894	0.218	-0.339	0.888	-1.831
x		0.430	0.301	0.365	0.188	0.328	0.220	-0.322	0.326	0.421
σ		0.059	0.077	0.051	0.129	0.593	0.013	0.087	0.589	2.963
%RSD		13.670	25.550	14.080	68.460	180.600	6.041	26.880	180.800	703.300

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:39:47	1.326	1.353	1.356	1.473	1.388	0.009	81%	0.592	0.206
2	14:40:55	1.037	0.890	0.932	1.113	0.960	0.015	80%	0.306	0.156
3	14:42:03	1.087	0.881	0.812	0.809	0.868	0.004	80%	0.891	0.234
x		1.150	1.041	1.034	1.132	1.072	0.009	80%	0.596	0.199
σ		0.154	0.270	0.286	0.333	0.278	0.006	0%	0.292	0.040
%RSD		13.410	25.930	27.670	29.400	25.900	60.200	0	49.040	20.060

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:39:47	-0.158	0.587	0.241	0.193	0.629	0.899	0.968	1.000	83%
2	14:40:55	-0.111	0.298	0.174	0.165	0.427	0.727	0.883	0.860	83%
3	14:42:03	-0.358	0.884	0.215	0.284	0.432	0.648	1.105	1.094	83%
x		-0.209	0.589	0.210	0.214	0.496	0.758	0.985	0.985	83%
σ		0.131	0.293	0.034	0.062	0.115	0.129	0.112	0.118	0%
%RSD		62.820	49.710	16.130	29.080	23.240	16.970	11.390	11.970	0

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:39:47	84%	0.240	0.260	0.220	0.212	0.216	86%	0.198
2	14:40:55	83%	0.203	0.210	0.179	0.175	0.194	87%	0.178
3	14:42:03	83%	0.267	0.260	0.227	0.246	0.239	86%	0.212
x		83%	0.237	0.243	0.209	0.211	0.216	87%	0.196
σ		1%	0.032	0.029	0.026	0.036	0.023	0%	0.017
%RSD		1	13.550	11.730	12.480	16.860	10.570	1	8.691

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:47:45	73%	52.450	40.450	0.000	8916.000	8595.000	7883.000	8002.000	2180.000
2	14:48:53	73%	53.200	37.150	0.000	9021.000	8609.000	7871.000	7972.000	2177.000
3	14:50:01	74%	51.720	42.470	0.000	8833.000	8501.000	7869.000	7787.000	2120.000
x		73%	52.460	40.020	0.000	8923.000	8569.000	7874.000	7920.000	2159.000
σ		1%	0.741	2.685	0.000	94.550	58.560	7.745	116.400	33.490
%RSD		1	1.413	6.709	0.000	1.060	0.683	0.098	1.469	1.551

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:47:45	5421.000	3.185	0.000	0.000	1688.000	28190.000	27270.000	78%	0.370
2	14:48:53	5499.000	2.023	0.000	0.000	1708.000	28230.000	28130.000	78%	0.686
3	14:50:01	5364.000	5.974	0.000	0.000	1689.000	28120.000	27330.000	78%	0.425
x		5428.000	3.727	0.000	0.000	1695.000	28180.000	27580.000	78%	0.494
σ		67.880	2.031	0.000	0.000	11.290	59.220	482.600	0%	0.169
%RSD		1.250	54.480	0.000	0.000	0.666	0.210	1.750	0	34.250

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:47:45	499.100	201.000	54.200	1061.000	516.000	1055.000	1119.000	509.300	513.200
2	14:48:53	502.500	202.200	55.140	1057.000	524.200	1072.000	1133.000	507.500	512.200
3	14:50:01	491.800	199.300	59.310	1049.000	517.600	1064.000	1087.000	506.700	513.000
x		497.800	200.800	56.220	1055.000	519.300	1064.000	1113.000	507.800	512.800
σ		5.473	1.501	2.722	6.207	4.357	8.562	23.350	1.300	0.507
%RSD		1.099	0.747	4.842	0.588	0.839	0.805	2.097	0.256	0.099

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:47:45	261.700	264.600	528.200	43.840	109.100	0.145	111.200	108.700	1.648
2	14:48:53	262.600	263.200	530.000	45.490	114.200	-0.064	109.900	113.600	0.667
3	14:50:01	260.900	260.600	524.800	44.680	112.500	0.037	110.300	112.000	0.999
x		261.700	262.800	527.700	44.670	112.000	0.040	110.500	111.400	1.105
σ		0.818	2.046	2.630	0.822	2.587	0.104	0.672	2.507	0.499
%RSD		0.313	0.779	0.498	1.840	2.311	263.900	0.609	2.250	45.160

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:47:45	1.221	1.097	1.101	1.068	1.140	0.012	78%	53.010	48.570
2	14:48:53	1.121	0.991	1.041	1.032	1.107	0.010	79%	53.160	48.240
3	14:50:01	1.386	0.984	1.110	1.003	1.048	0.027	79%	49.940	48.330
x		1.243	1.024	1.084	1.034	1.098	0.016	79%	52.040	48.380
σ		0.134	0.063	0.037	0.033	0.047	0.010	1%	1.817	0.171
%RSD		10.770	6.188	3.448	3.192	4.271	59.240	1	3.492	0.353

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:47:45	1.435	52.960	48.680	51.710	0.193	100.500	2058.000	1963.000	81%
2	14:48:53	-0.195	53.140	48.020	51.160	0.140	100.500	2056.000	1989.000	81%
3	14:50:01	2.491	49.880	47.920	51.830	0.145	100.100	2041.000	1975.000	82%
x		1.244	52.000	48.210	51.570	0.160	100.400	2051.000	1976.000	82%
σ		1.353	1.834	0.415	0.357	0.029	0.258	9.285	13.020	1%
%RSD		108.800	3.527	0.861	0.692	18.230	0.257	0.453	0.659	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:47:45	82%	49.850	49.240	21.670	20.150	20.610	84%	1.589
2	14:48:53	82%	49.970	50.410	21.990	20.180	20.870	85%	1.585
3	14:50:01	84%	49.100	49.140	21.100	19.700	20.110	86%	1.524
x		82%	49.640	49.600	21.590	20.010	20.530	85%	1.566
σ		1%	0.474	0.707	0.451	0.270	0.388	1%	0.036
%RSD		1	0.955	1.426	2.088	1.350	1.889	1	2.321

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:55:41	72%	52.800	41.950	0.000	9365.000	8769.000	7918.000	8015.000	2222.000
2	14:56:49	74%	51.550	36.820	0.000	9304.000	8682.000	7923.000	7977.000	2199.000
3	14:57:58	72%	53.860	40.620	0.000	9523.000	8856.000	8018.000	8055.000	2233.000
x		73%	52.740	39.800	0.000	9397.000	8769.000	7953.000	8016.000	2218.000
σ		1%	1.158	2.664	0.000	113.200	86.950	56.180	38.840	17.100
%RSD		1	2.195	6.693	0.000	1.205	0.992	0.706	0.485	0.771

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:55:41	5540.000	9.719	0.000	0.000	1728.000	28850.000	27980.000	78%	2.066
2	14:56:49	5470.000	6.740	0.000	0.000	1691.000	28530.000	27610.000	79%	2.032
3	14:57:58	5536.000	6.792	0.000	0.000	1721.000	28220.000	27830.000	79%	2.565
x		5515.000	7.750	0.000	0.000	1713.000	28530.000	27800.000	78%	2.221
σ		38.980	1.705	0.000	0.000	19.700	315.000	183.900	1%	0.298
%RSD		0.707	22.000	0.000	0.000	1.150	1.104	0.661	1	13.430

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:55:41	496.700	201.200	57.110	1121.000	533.800	1144.000	1187.000	514.500	512.200
2	14:56:49	490.700	198.800	57.400	1109.000	525.200	1123.000	1158.000	503.100	503.200
3	14:57:58	494.500	200.700	58.110	1120.000	531.300	1138.000	1160.000	509.800	511.100
x		494.000	200.200	57.540	1117.000	530.100	1135.000	1168.000	509.100	508.800
σ		3.034	1.297	0.513	6.915	4.419	10.400	16.300	5.719	4.896
%RSD		0.614	0.648	0.891	0.619	0.834	0.917	1.395	1.123	0.962

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:55:41	265.200	269.000	532.300	44.030	107.300	0.252	109.000	106.700	3.273
2	14:56:49	263.100	265.000	529.700	43.620	108.200	0.357	109.900	107.700	2.945
3	14:57:58	262.300	263.400	526.900	45.100	108.800	0.005	108.000	108.200	1.919
x		263.500	265.800	529.600	44.250	108.100	0.205	109.000	107.500	2.712
σ		1.477	2.868	2.744	0.762	0.747	0.181	0.934	0.769	0.707
%RSD		0.561	1.079	0.518	1.722	0.691	88.460	0.857	0.715	26.050

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:55:41	1.149	0.775	0.957	0.966	0.751	0.006	79%	51.760	47.350
2	14:56:49	1.208	0.904	0.918	0.914	0.829	0.013	79%	53.280	48.370
3	14:57:58	1.141	0.912	0.930	0.979	0.866	0.013	81%	51.870	48.210
x		1.166	0.864	0.935	0.953	0.815	0.011	80%	52.300	47.980
σ		0.037	0.077	0.020	0.034	0.059	0.004	1%	0.846	0.550
%RSD		3.145	8.899	2.137	3.595	7.228	40.450	1	1.617	1.145

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:55:41	-0.034	51.710	47.940	51.560	0.073	99.170	2020.000	1970.000	83%
2	14:56:49	1.088	53.190	47.930	51.390	0.106	99.820	2050.000	1974.000	84%
3	14:57:58	0.885	51.810	48.250	51.970	0.120	101.000	2058.000	1974.000	85%
x		0.646	52.240	48.040	51.640	0.100	100.000	2043.000	1973.000	84%
σ		0.598	0.826	0.181	0.297	0.024	0.948	20.080	2.156	1%
%RSD		92.480	1.582	0.376	0.576	24.350	0.948	0.983	0.109	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:55:41	84%	49.190	49.580	22.180	20.460	21.030	87%	1.611
2	14:56:49	85%	49.620	50.260	22.030	20.550	21.130	87%	1.635
3	14:57:58	86%	49.760	49.910	22.490	20.400	21.190	89%	1.628
x		85%	49.520	49.920	22.230	20.470	21.120	87%	1.625
σ		1%	0.297	0.342	0.233	0.078	0.080	1%	0.012
%RSD		1	0.599	0.685	1.047	0.380	0.381	1	0.755

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:03:38	75%	-0.212	2.089	0.000	6358.000	2026.000	2051.000	2070.000	0.715
2	15:04:46	74%	-0.208	4.197	0.000	6429.000	2084.000	2089.000	2117.000	0.833
3	15:05:54	75%	-0.226	3.699	0.000	6457.000	2089.000	2121.000	2114.000	0.787
x		75%	-0.215	3.328	0.000	6415.000	2066.000	2087.000	2100.000	0.779
σ		1%	0.010	1.102	0.000	50.950	34.890	35.080	26.590	0.060
%RSD		1	4.583	33.100	0.000	0.794	1.689	1.681	1.266	7.654

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:03:38	426.500	6.810	0.000	0.000	179.200	5475.000	5196.000	79%	-0.033
2	15:04:46	440.900	-2.456	0.000	0.000	184.000	5409.000	5317.000	79%	-0.052
3	15:05:54	449.800	5.074	0.000	0.000	179.700	5296.000	5284.000	80%	-0.072
x		439.100	3.143	0.000	0.000	180.900	5393.000	5266.000	79%	-0.053
σ		11.790	4.925	0.000	0.000	2.616	90.900	62.520	0%	0.020
%RSD		2.686	156.700	0.000	0.000	1.446	1.685	1.187	0	37.130

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:03:38	-0.170	0.301	29.330	3.824	0.252	-5.099	19.690	0.177	0.256
2	15:04:46	-0.262	0.233	28.630	0.399	0.281	-3.178	23.940	0.179	0.267
3	15:05:54	-0.235	0.247	27.910	1.036	0.192	-3.129	21.980	0.166	0.252
x		-0.222	0.260	28.620	1.753	0.242	-3.802	21.870	0.174	0.258
σ		0.047	0.036	0.713	1.822	0.045	1.123	2.128	0.007	0.008
%RSD		21.240	13.960	2.490	103.900	18.650	29.550	9.729	4.070	3.011

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:03:38	0.163	0.107	1.077	-0.116	-0.162	0.247	-0.231	-0.161	0.976
2	15:04:46	0.175	0.041	1.033	-0.065	-0.700	0.255	-0.519	-0.696	2.506
3	15:05:54	0.107	0.140	0.988	0.132	-0.308	0.193	0.009	-0.306	2.004
x		0.148	0.096	1.032	-0.016	-0.390	0.232	-0.247	-0.388	1.829
σ		0.037	0.050	0.045	0.131	0.278	0.034	0.264	0.277	0.780
%RSD		24.790	52.340	4.325	802.000	71.350	14.570	107.000	71.350	42.670

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:03:38	0.046	0.041	0.072	0.146	0.071	0.006	82%	-0.162	0.018
2	15:04:46	0.064	0.058	0.091	0.074	0.026	0.011	81%	0.028	0.022
3	15:05:54	0.073	0.048	0.046	0.120	0.056	0.004	81%	-0.844	0.016
x		0.061	0.049	0.069	0.113	0.051	0.007	81%	-0.326	0.019
σ		0.014	0.008	0.023	0.036	0.023	0.004	1%	0.458	0.003
%RSD		22.740	16.970	32.750	32.070	45.340	57.460	1	140.500	16.270

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:03:38	0.110	-0.170	0.024	0.011	0.031	0.113	6.747	6.460	85%
2	15:04:46	0.051	0.019	0.029	0.022	0.034	0.105	6.890	6.948	84%
3	15:05:54	0.402	-0.850	0.013	-0.040	0.029	0.100	6.653	6.463	84%
x		0.187	-0.334	0.022	-0.003	0.031	0.106	6.763	6.624	84%
σ		0.188	0.457	0.008	0.033	0.002	0.006	0.119	0.281	1%
%RSD		100.400	137.000	37.550	1297.000	7.659	5.969	1.765	4.241	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:03:38	85%	0.216	0.225	0.016	0.016	0.020	88%	0.443
2	15:04:46	84%	0.166	0.171	0.016	0.024	0.021	87%	0.453
3	15:05:54	85%	0.144	0.159	0.031	0.018	0.020	87%	0.449
x		85%	0.175	0.185	0.021	0.019	0.020	87%	0.448
σ		1%	0.037	0.035	0.009	0.005	0.001	0%	0.005
%RSD		1	21.050	19.150	41.030	23.430	3.197	0	1.163

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:11:36	75%	-0.194	1.000	0.000	6498.000	2093.000	2117.000	2134.000	0.557
2	15:12:44	74%	-0.207	2.146	0.000	6567.000	2108.000	2141.000	2162.000	0.397
3	15:13:52	77%	-0.276	3.108	0.000	6338.000	2047.000	2069.000	2084.000	0.107
x		75%	-0.226	2.084	0.000	6467.000	2083.000	2109.000	2127.000	0.354
σ		1%	0.044	1.055	0.000	117.500	32.210	36.490	39.040	0.228
%RSD		2	19.510	50.630	0.000	1.817	1.546	1.730	1.836	64.570

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:11:36	450.900	3.929	0.000	0.000	185.800	5508.000	5416.000	78%	-0.070
2	15:12:44	442.600	3.061	0.000	0.000	174.400	5371.000	5320.000	80%	0.005
3	15:13:52	428.800	0.435	0.000	0.000	174.800	5465.000	5228.000	80%	-0.073
x		440.800	2.475	0.000	0.000	178.300	5448.000	5321.000	79%	-0.046
σ		11.140	1.820	0.000	0.000	6.464	70.240	94.290	1%	0.044
%RSD		2.528	73.510	0.000	0.000	3.625	1.289	1.772	1	96.230

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:11:36	0.411	0.299	24.380	3.525	0.468	-0.864	27.730	0.157	0.277
2	15:12:44	-0.410	0.270	24.950	2.232	0.445	-2.169	21.510	0.099	0.203
3	15:13:52	-0.791	0.315	24.730	-2.086	0.348	-2.607	22.240	0.092	0.123
x		-0.263	0.294	24.690	1.224	0.420	-1.880	23.830	0.116	0.201
σ		0.614	0.023	0.292	2.938	0.064	0.907	3.401	0.035	0.077
%RSD		233.200	7.679	1.182	240.100	15.190	48.250	14.270	30.610	38.350

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:11:36	0.147	0.027	0.864	0.128	-0.139	0.162	-0.647	-0.138	0.264
2	15:12:44	0.087	-0.005	1.022	-0.224	-0.187	0.213	0.207	-0.186	-0.059
3	15:13:52	0.132	0.045	0.817	-0.172	-0.475	0.208	-0.097	-0.472	1.660
x		0.122	0.022	0.901	-0.090	-0.267	0.194	-0.179	-0.265	0.621
σ		0.031	0.025	0.107	0.190	0.182	0.028	0.433	0.180	0.914
%RSD		25.220	113.200	11.890	211.900	68.070	14.610	241.700	68.040	147.000

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:11:36	0.101	0.022	0.024	0.023	0.015	0.004	81%	-0.348	0.019
2	15:12:44	0.043	-0.020	0.007	0.055	0.004	0.006	81%	0.030	0.016
3	15:13:52	0.072	-0.006	0.004	0.026	0.023	0.007	82%	0.976	0.008
x		0.072	-0.001	0.012	0.035	0.014	0.006	81%	0.219	0.014
σ		0.029	0.021	0.011	0.018	0.009	0.002	1%	0.682	0.006
%RSD		40.750	1521.000	92.090	51.880	68.410	32.600	1	311.000	42.450

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:11:36	0.168	-0.355	0.011	-0.015	0.041	0.062	6.369	6.611	84%
2	15:12:44	-0.009	0.020	0.006	0.008	0.018	0.046	6.784	6.474	84%
3	15:13:52	-0.398	0.965	0.009	0.042	0.031	0.053	6.436	6.284	86%
x		-0.080	0.210	0.009	0.012	0.030	0.054	6.530	6.456	84%
σ		0.289	0.680	0.002	0.028	0.011	0.008	0.223	0.164	1%
%RSD		362.700	323.900	28.990	246.600	38.300	14.790	3.410	2.545	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:11:36	84%	0.119	0.105	0.028	0.018	0.019	87%	0.437
2	15:12:44	85%	0.076	0.081	0.020	0.023	0.020	87%	0.439
3	15:13:52	86%	0.074	0.084	0.020	0.012	0.013	89%	0.441
x		85%	0.089	0.090	0.022	0.018	0.017	88%	0.439
σ		1%	0.025	0.013	0.005	0.005	0.004	1%	0.002
%RSD		1	28.130	14.820	21.080	30.110	21.410	1	0.543

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:19:33	73%	498.100	477.800	0.000	53620.000	53920.000	54330.000	53940.000	10700.000
2	15:20:42	74%	501.900	496.000	0.000	53460.000	53720.000	54360.000	53850.000	10680.000
3	15:21:50	75%	493.500	471.700	0.000	53590.000	53740.000	54180.000	54130.000	10710.000
x		74%	497.800	481.900	0.000	53560.000	53790.000	54290.000	53970.000	10690.000
σ		1%	4.192	12.660	0.000	87.480	106.900	97.180	143.800	14.890
%RSD		1	0.842	2.627	0.000	0.163	0.199	0.179	0.267	0.139

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:19:33	494.000	9754.000	0.000	0.000	27070.000	49760.000	48190.000	79%	476.600
2	15:20:42	500.200	9841.000	0.000	0.000	26880.000	49110.000	47910.000	80%	482.600
3	15:21:50	496.900	9682.000	0.000	0.000	27020.000	49240.000	47710.000	80%	488.300
x		497.000	9759.000	0.000	0.000	26990.000	49370.000	47940.000	79%	482.500
σ		3.120	79.520	0.000	0.000	101.000	345.800	241.800	1%	5.838
%RSD		0.628	0.815	0.000	0.000	0.374	0.700	0.504	1	1.210

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:19:33	485.300	488.000	25.860	27010.000	953.600	26850.000	24830.000	491.800	496.700
2	15:20:42	484.400	488.900	23.140	26680.000	941.000	26810.000	24680.000	493.900	488.600
3	15:21:50	486.500	486.200	21.950	26870.000	945.000	26680.000	24710.000	489.700	485.000
x		485.400	487.700	23.650	26860.000	946.500	26780.000	24740.000	491.800	490.100
σ		1.076	1.367	2.003	166.800	6.400	84.870	79.760	2.133	5.961
%RSD		0.222	0.280	8.470	0.621	0.676	0.317	0.322	0.434	1.216

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:19:33	957.400	949.700	958.400	477.400	485.900	-0.940	482.100	483.700	0.916
2	15:20:42	958.100	954.300	949.300	478.100	481.800	-0.652	481.800	479.500	-0.038
3	15:21:50	958.300	954.600	942.100	480.200	486.500	-0.942	483.500	484.300	2.642
x		957.900	952.900	949.900	478.600	484.700	-0.845	482.500	482.500	1.173
σ		0.438	2.734	8.169	1.489	2.556	0.167	0.895	2.598	1.359
%RSD		0.046	0.287	0.860	0.311	0.527	19.720	0.186	0.538	115.800

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:19:33	476.000	482.700	478.800	478.300	477.300	0.010	79%	485.300	482.400
2	15:20:42	472.900	479.500	477.500	478.400	475.900	0.019	80%	497.300	480.200
3	15:21:50	480.700	481.000	480.400	480.100	477.700	0.008	80%	482.100	482.500
x		476.500	481.100	478.900	478.900	477.000	0.012	80%	488.300	481.700
σ		3.895	1.585	1.442	1.016	0.925	0.006	1%	7.998	1.307
%RSD		0.817	0.330	0.301	0.212	0.194	50.420	1	1.638	0.271

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:19:33	8.054	484.400	485.700	490.400	485.700	481.300	2391.000	2333.000	85%
2	15:20:42	-0.280	496.800	477.700	489.300	480.300	478.200	2429.000	2324.000	84%
3	15:21:50	8.440	481.500	483.800	490.000	478.700	478.900	2408.000	2308.000	85%
x		5.405	487.600	482.400	489.900	481.600	479.500	2409.000	2322.000	85%
σ		4.927	8.114	4.204	0.571	3.637	1.638	18.880	12.730	0%
%RSD		91.160	1.664	0.872	0.117	0.755	0.342	0.784	0.548	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:19:33	85%	485.500	529.500	490.200	489.400	488.500	86%	515.600
2	15:20:42	85%	482.900	525.300	490.100	488.000	486.600	86%	517.800
3	15:21:50	85%	487.900	532.400	493.600	488.400	489.800	86%	511.500
x		85%	485.400	529.100	491.300	488.600	488.300	86%	515.000
σ		0%	2.483	3.593	1.983	0.705	1.628	0%	3.226
%RSD		0	0.512	0.679	0.404	0.144	0.334	0	0.626

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:27:31	77%	0.190	8.129	0.000	160.200	39.850	39.360	40.300	6.844
2	15:28:40	74%	-0.067	6.568	0.000	141.400	21.430	21.030	21.990	3.575
3	15:29:48	74%	-0.146	7.513	0.000	125.700	12.080	12.030	12.800	2.011
x		75%	-0.008	7.403	0.000	142.400	24.450	24.140	25.030	4.143
σ		2%	0.176	0.787	0.000	17.250	14.130	13.930	14.000	2.466
%RSD		2	2183.000	10.630	0.000	12.110	57.780	57.680	55.920	59.510

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:27:31	0.890	9.751	0.000	0.000	43.080	32.420	14.980	80%	0.295
2	15:28:40	-0.005	5.946	0.000	0.000	35.060	14.560	-2.583	79%	0.027
3	15:29:48	-0.594	5.879	0.000	0.000	26.970	15.500	-15.310	79%	-0.032
x		0.097	7.192	0.000	0.000	35.040	20.830	-0.970	79%	0.097
σ		0.747	2.217	0.000	0.000	8.057	10.050	15.210	1%	0.174
%RSD		770.400	30.820	0.000	0.000	22.990	48.280	1568.000	1	180.200

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:27:31	0.159	0.523	20.340	16.070	0.762	11.060	28.570	0.408	0.406
2	15:28:40	-0.373	0.357	20.580	8.868	0.377	3.489	19.490	0.207	0.187
3	15:29:48	-0.648	0.282	20.070	4.546	0.206	-1.370	20.540	0.129	0.059
x		-0.287	0.387	20.330	9.827	0.448	4.394	22.870	0.248	0.218
σ		0.411	0.123	0.252	5.820	0.285	6.265	4.966	0.144	0.176
%RSD		143.000	31.750	1.239	59.220	63.510	142.600	21.710	58.130	80.720

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:27:31	0.811	0.618	0.823	0.283	0.564	0.167	-0.299	0.562	1.746
2	15:28:40	0.483	0.380	0.362	0.187	-0.406	0.134	-0.009	-0.404	2.757
3	15:29:48	0.277	0.123	0.211	-0.148	-0.577	0.171	0.264	-0.573	2.908
x		0.523	0.374	0.465	0.107	-0.140	0.158	-0.015	-0.139	2.470
σ		0.269	0.248	0.319	0.226	0.616	0.020	0.281	0.612	0.632
%RSD		51.450	66.330	68.510	211.300	441.100	12.750	1882.000	441.800	25.580

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:27:31	1.643	1.405	1.595	1.514	1.508	0.013	81%	-0.077	0.455
2	15:28:40	0.990	0.945	0.966	0.990	0.959	0.011	81%	0.546	0.190
3	15:29:48	0.769	0.777	0.744	0.820	0.702	0.004	81%	0.333	0.110
x		1.134	1.042	1.102	1.108	1.056	0.009	81%	0.267	0.252
σ		0.454	0.325	0.442	0.362	0.411	0.005	0%	0.317	0.181
%RSD		40.070	31.190	40.110	32.660	38.950	52.910	0	118.600	71.630

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:27:31	0.159	-0.084	0.480	0.338	0.697	1.062	2.057	2.029	83%
2	15:28:40	-0.257	0.543	0.193	0.235	0.451	0.716	1.045	0.958	82%
3	15:29:48	-0.125	0.327	0.130	0.121	0.344	0.564	0.564	0.547	83%
x		-0.074	0.262	0.268	0.231	0.497	0.781	1.222	1.178	83%
σ		0.212	0.319	0.186	0.109	0.181	0.256	0.762	0.765	1%
%RSD		285.300	121.500	69.600	47.040	36.480	32.750	62.360	64.930	1

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:27:31	84%	0.543	0.567	0.419	0.397	0.415	87%	0.339
2	15:28:40	82%	0.232	0.244	0.206	0.215	0.213	87%	0.180
3	15:29:48	83%	0.159	0.154	0.135	0.112	0.121	86%	0.119
x		83%	0.311	0.322	0.253	0.241	0.250	86%	0.212
σ		1%	0.204	0.217	0.148	0.144	0.150	1%	0.114
%RSD		1	65.510	67.620	58.510	59.670	60.160	1	53.480

Mass Uncorrected ICPS

S0 (S0) 11/08/2011 06:08:49 PM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	18:09:56	23780.714	35.938	23.438	828.149	248443.280	2311.124	292.190	320.316	1648.533
2	18:11:04	24231.471	37.500	26.563	884.402	250607.150	2340.817	278.128	314.066	1842.306
3	18:12:12	24508.505	47.396	15.625	815.648	252058.920	2511.158	317.191	357.817	1759.483
x		24173.563	40.278	21.875	842.733	250369.780	2387.700	295.836	330.733	1750.107
σ		367.335	6.214	5.634	36.624	1819.470	107.944	19.785	23.663	97.226
%RSD		1.520	15.427	25.754	4.346	0.727	4.521	6.688	7.155	5.555

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	18:09:56	2337.691	1882.937	45908.021	472202.240	362992.940	29.688	2212.671	153131.980	21.875
2	18:11:04	2550.228	1956.384	45812.402	471094.690	363407.980	28.125	2347.068	156117.150	28.125
3	18:12:12	2406.453	1995.452	45807.700	471278.730	361598.870	25.000	2178.291	156200.870	25.000
x		2431.457	1944.924	45842.707	471525.220	362666.600	27.604	2246.010	155150.000	25.000
σ		108.452	57.126	56.612	593.495	947.678	2.387	89.191	1748.161	3.125
%RSD		4.460	2.937	0.123	0.126	0.261	8.646	3.971	1.127	12.500

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	18:09:56	1978.262	900.028	703.142	7569.192	648.452	133003.780	3984.931	50.000	162.501
2	18:11:04	1868.872	882.840	734.394	7594.206	595.325	132152.180	4027.130	45.313	187.501
3	18:12:12	1954.821	829.712	670.328	7419.114	634.389	132874.460	4091.211	67.188	200.001
x		1933.985	870.860	702.621	7527.504	626.055	132676.810	4034.424	54.167	183.335
σ		57.595	36.657	32.036	94.698	27.527	458.917	53.514	11.517	19.094
%RSD		2.978	4.209	4.559	1.258	4.397	0.346	1.326	21.263	10.415

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	18:09:56	301.566	123.438	125.001	83.854	18.750	18.750	864.089	42.188	38.021
2	18:11:04	342.192	150.001	120.313	65.625	18.750	18.750	898.466	36.458	37.500
3	18:12:12	376.567	150.001	101.563	80.209	28.125	28.125	898.466	42.188	40.104
x		340.108	141.147	115.625	76.563	21.875	21.875	887.007	40.278	38.542
σ		37.544	15.336	12.402	9.646	5.413	5.413	19.848	3.308	1.378
%RSD		11.039	10.865	10.726	12.599	24.744	24.744	2.238	8.212	3.575

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	18:09:56	37.500	37.500	50.000	20.313	75.000	0.000	456470.290	259.377	15.625
2	18:11:04	39.063	32.813	48.438	34.375	62.500	0.000	459278.490	257.815	12.500
3	18:12:12	28.125	56.250	31.250	21.875	59.375	0.000	463382.890	273.440	6.250
x		34.896	42.188	43.229	25.521	65.625	0.000	459710.550	263.544	11.458
σ		5.916	12.402	10.404	7.708	8.268	0.000	3476.497	8.606	4.774
%RSD		16.952	29.397	24.066	30.201	12.599	0.000	0.756	3.265	41.660

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	18:09:56	0.000	0.000	7.813	3.125	62.500	65.625	7.813	3.125	1050101.800
2	18:11:04	0.000	0.000	4.688	0.000	73.438	53.125	0.000	6.250	1050209.300
3	18:12:12	0.000	0.000	4.688	3.125	67.188	65.625	1.563	3.125	1060622.300
x		0.000	0.000	5.729	2.083	67.708	61.458	3.125	4.167	1053644.400
σ		0.000	0.000	1.804	1.804	5.487	7.217	4.134	1.804	6043.252
%RSD		0.000	0.000	31.492	86.603	8.104	11.743	132.288	43.301	0.574

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	18:09:56	1076358.300	79.688	176.564	34.375	40.625	93.750	931657.680	42.188
2	18:11:04	1077090.200	96.875	164.063	37.500	34.375	93.750	937098.370	28.125
3	18:12:12	1085707.200	67.188	196.876	48.438	40.625	79.688	939471.910	26.563
x		1079718.500	81.250	179.168	40.104	38.542	89.063	936075.990	32.292
σ		5199.222	14.905	16.561	7.384	3.608	8.119	4006.184	8.606
%RSD		0.482	18.345	9.243	18.412	9.362	9.116	0.428	26.650

S1 (S) 11/08/2011 06:16:40 PM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	18:17:48	24120.346	137.501	79.688	942.219	624258.770	283483.510	38714.889	45472.255	15918.239
2	18:18:56	24949.893	122.396	84.375	910.967	625759.840	287367.780	38146.174	45680.731	16013.658
3	18:20:04	24668.155	119.792	96.875	928.155	620731.840	282927.330	38144.607	45373.505	16354.669
x		24579.465	126.563	86.979	927.113	623583.480	284592.870	38335.223	45508.831	16095.522
σ		421.826	9.561	8.885	15.652	2581.128	2419.176	328.801	156.845	229.443
%RSD		1.716	7.555	10.215	1.688	0.414	0.850	0.858	0.345	1.426

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	18:17:48	3169.102	1903.252	46150.989	474998.950	784248.380	1003.160	18571.439	156316.190	501.571
2	18:18:56	3366.022	2012.642	46310.880	476407.200	789164.570	1039.100	18804.556	157008.090	482.821
3	18:20:04	3391.027	2078.276	46618.127	479531.030	789283.380	1021.912	18929.721	159692.280	550.011
x		3308.717	1998.057	46359.999	476979.060	787565.440	1021.391	18768.572	157672.190	511.468
σ		121.555	88.419	237.411	2319.524	2873.277	17.976	181.831	1783.333	34.671
%RSD		3.674	4.425	0.512	0.486	0.365	1.760	0.969	1.131	6.779

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	18:17:48	9076.320	4167.795	1053.164	29959.507	2926.862	521781.490	13439.131	1953.259	700.017
2	18:18:56	9307.719	4120.907	1037.538	29777.878	3165.976	522751.960	13592.401	2084.527	651.577
3	18:20:04	9093.518	4020.878	1043.788	29690.196	3094.085	522985.270	14069.425	1982.950	614.076
x		9159.186	4103.194	1044.830	29809.194	3062.308	522506.240	13700.319	2006.912	655.223
σ		128.921	75.043	7.865	137.360	122.683	638.399	328.713	68.837	43.087
%RSD		1.408	1.829	0.753	0.461	4.006	0.122	2.399	3.430	6.576

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	18:17:48	2473.652	1221.927	1031.287	405.214	131.251	131.251	1196.404	186.980	39.063
2	18:18:56	2642.432	1235.991	960.970	409.381	92.188	92.188	1148.484	183.855	36.458
3	18:20:04	2603.362	1309.435	1028.162	425.006	107.813	107.813	1180.778	168.751	39.583
x		2573.149	1255.784	1006.806	413.200	110.417	110.417	1175.222	179.862	38.368
σ		88.353	46.992	39.726	10.434	19.661	19.661	24.439	9.749	1.674
%RSD		3.434	3.742	3.946	2.525	17.806	17.806	2.079	5.420	4.364

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	18:17:48	1761.046	3040.949	3294.130	2001.703	5089.969	3.125	460652.940	282.815	2000.140
2	18:18:56	1742.294	3306.633	3426.974	2100.154	5069.649	0.000	458721.960	309.378	2064.212
3	18:20:04	1762.609	3139.407	3441.039	2009.516	5186.879	3.125	471238.370	318.754	2093.903
x		1755.316	3162.330	3387.381	2037.125	5115.499	2.083	463537.760	303.649	2052.752
σ		11.305	134.317	81.064	54.725	62.646	1.804	6738.452	18.642	47.921
%RSD		0.644	4.247	2.393	2.686	1.225	86.603	1.454	6.139	2.334

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	18:17:48	40.625	40.625	1982.950	529.697	6620.284	4119.344	3717.671	6173.209	1050316.700
2	18:18:56	34.375	34.375	2151.725	528.135	6567.134	4097.463	3730.174	6526.490	1040233.200
3	18:20:04	40.625	40.625	1961.072	500.009	6504.606	4244.380	3514.495	6421.756	1059030.800
x		38.542	38.542	2031.916	519.280	6564.008	4153.729	3654.114	6373.818	1049860.200
σ		3.608	3.608	104.333	16.708	57.902	79.265	121.075	181.454	9407.141
%RSD		9.362	9.362	5.135	3.218	0.882	1.908	3.313	2.847	0.896

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	18:17:48	1066875.700	3200.358	8174.213	2683.064	2498.656	5394.768	931832.610	12461.683
2	18:18:56	1067010.200	3489.489	8117.931	2701.818	2445.522	5751.157	930481.480	12944.925
3	18:20:04	1088124.900	3462.920	8299.285	2592.423	2528.349	5719.895	935190.150	12899.571
x		1074003.600	3384.256	8197.143	2659.102	2490.842	5621.940	932501.420	12768.726
σ		12229.599	159.813	92.826	58.502	41.963	197.357	2424.532	266.873
%RSD		1.139	4.722	1.132	2.200	1.685	3.510	0.260	2.090

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	18:25:39	24400.508	10078.554	1545.396	1128.170	9318495.500	6925410.400	943249.690	1109295.000	1608195.000
2	18:26:47	24261.209	10088.978	1718.853	1084.416	9449854.400	6979839.800	956711.510	1112505.900	1613213.200
3	18:27:55	24452.159	10128.589	1661.034	1112.543	9490115.200	7014441.500	952875.220	1117662.500	1629234.500
x		24371.292	10098.707	1641.761	1108.376	9419488.400	6973230.500	950945.470	1113154.500	1616880.900
σ		98.771	26.398	88.320	22.172	89749.087	44882.021	6935.280	4221.299	10988.776
%RSD		0.405	0.261	5.380	2.000	0.953	0.644	0.729	0.379	0.680

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	18:25:39	21259.557	88116.233	54696.698	478703.970	5468446.300	24284.686	410818.600	156251.420	12882.368
2	18:26:47	20981.021	88903.904	54282.623	481650.570	5524077.500	24614.938	411262.350	154965.660	12908.955
3	18:27:55	21350.317	89466.776	54841.000	480778.160	5564663.800	24713.546	415530.090	156524.700	12918.338
x		21196.965	88828.971	54606.774	480377.570	5519062.500	24537.723	412537.010	155913.930	12903.220
σ		192.440	678.382	289.846	1513.595	48304.387	224.615	2601.561	832.517	18.658
%RSD		0.908	0.764	0.531	0.315	0.875	0.915	0.631	0.534	0.145

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	18:25:39	194184.290	183491.210	22126.497	700453.500	536056.640	11688626.000	295574.890	229195.820	50293.061
2	18:26:47	195733.340	184474.060	23016.965	701273.550	536406.920	11751902.000	296010.330	229962.680	49908.904
3	18:27:55	195034.820	183575.090	22196.919	705645.180	539532.310	11752147.000	299210.340	230096.060	50521.991
x		194984.150	183846.780	22446.794	702457.410	537331.960	11730892.000	296931.850	229751.520	50241.319
σ		775.767	544.851	495.037	2790.975	1913.596	36603.568	1985.204	485.849	309.801
%RSD		0.398	0.296	2.205	0.397	0.356	0.312	0.669	0.211	0.617

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	18:25:39	254611.400	123782.400	97418.534	42933.167	2484.591	2484.591	8672.423	3331.118	49.479
2	18:26:47	253841.630	125104.780	98058.830	43143.696	2376.760	2376.760	8796.979	3424.369	52.083
3	18:27:55	256467.600	124270.990	98472.599	43352.138	2509.595	2509.595	8784.471	3435.309	38.542
x		254973.550	124386.050	97983.321	43143.000	2456.982	2456.982	8751.291	3396.932	46.701
σ		1349.922	668.658	531.074	209.486	70.590	70.590	68.587	57.259	7.186
%RSD		0.529	0.538	0.542	0.486	2.873	2.873	0.784	1.686	15.386

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	18:25:39	45382.909	79792.532	85451.683	50278.949	130095.940	6.250	455097.840	5490.117	250266.890
2	18:26:47	45417.394	79316.454	86111.879	51715.312	131571.860	3.125	456878.340	5683.943	251356.070
3	18:27:55	45685.434	80282.767	87773.508	51812.539	132346.150	3.125	456594.470	5574.525	254118.370
x		45495.246	79797.251	86445.690	51268.933	131337.980	4.167	456190.220	5582.862	251913.780
σ		165.608	483.174	1196.366	858.729	1143.194	1.804	956.616	97.181	1985.382
%RSD		0.364	0.606	1.384	1.675	0.870	43.301	0.210	1.741	0.788

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	18:25:39	4045.885	4045.885	243388.630	60656.625	165855.660	252213.170	224527.240	399517.260	1044365.800
2	18:26:47	3808.320	3808.320	245693.200	61176.020	167428.540	254877.010	226931.980	401570.520	1046978.300
3	18:27:55	3934.917	3934.917	246888.550	60636.226	167721.000	258901.540	227732.060	403728.520	1046038.000
x		3929.707	3929.707	245323.460	60822.957	167001.740	255330.580	226397.100	401605.440	1045794.000
σ		118.868	118.868	1779.014	305.932	1003.242	3367.177	1668.022	2105.845	1323.211
%RSD		3.025	3.025	0.725	0.503	0.601	1.319	0.737	0.524	0.127

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	18:25:39	1059062.700	376947.430	918050.570	310984.390	286982.010	672623.710	911067.870	1557142.200
2	18:26:47	1071443.000	384046.880	934300.290	314095.090	293657.830	681642.730	922552.130	1558982.300
3	18:27:55	1076361.600	388613.220	927523.090	318144.160	294228.770	690845.950	926520.440	1559392.400
x		1068955.800	383202.510	926624.650	314407.880	291622.870	681704.130	920046.810	1558505.600
σ		8913.614	5878.550	8162.031	3590.122	4029.227	9111.275	8025.141	1198.424
%RSD		0.834	1.534	0.881	1.142	1.382	1.337	0.872	0.077

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	18:33:31	24705.720	19571.731	3312.884	1125.044	18423869.000	13711870.000	1846408.600	2154019.800	3007940.100
2	18:34:39	24467.811	19715.157	3401.968	1068.790	18528390.000	13802916.000	1873227.100	2192424.700	3056088.100
3	18:35:47	24765.197	20171.523	3526.998	1104.730	18658434.000	13929985.000	1886691.400	2213304.800	3096722.900
x		24646.243	19819.470	3413.950	1099.522	18536898.000	13814924.000	1868775.700	2186583.100	3053583.700
σ		157.362	313.207	107.559	28.487	117513.630	109552.010	20507.042	30071.146	44444.359
%RSD		0.638	1.580	3.151	2.591	0.634	0.793	1.097	1.375	1.455

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	18:33:31	37740.411	172700.110	62332.566	476452.420	10472350.000	49187.659	797360.800	160417.530	25054.764
2	18:34:39	38595.817	174454.050	62464.390	475392.990	10623351.000	49518.487	814100.840	157584.700	26150.475
3	18:35:47	38765.024	176714.390	62917.936	479408.260	10752676.000	49893.225	824194.720	158747.470	26123.864
x		38367.084	174622.850	62571.631	477084.560	10616126.000	49533.124	811885.450	158916.560	25776.368
σ		549.270	2012.452	307.067	2080.935	140302.570	353.010	13553.441	1423.966	625.069
%RSD		1.432	1.152	0.491	0.436	1.322	0.713	1.669	0.896	2.425

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	18:33:31	377680.480	356187.320	43069.514	1364273.100	1050224.400	22757144.000	574201.470	446844.910	97500.340
2	18:34:39	388348.350	361270.410	43274.821	1380774.600	1058372.100	23023086.000	588425.580	454220.570	98184.690
3	18:35:47	389168.660	364826.270	43987.931	1393920.100	1073387.400	23407868.000	589724.400	457170.270	100149.820
x		385065.830	360761.330	43444.089	1379655.900	1060661.300	23062699.000	584117.150	452745.250	98611.618
σ		6409.037	4341.916	482.039	14855.158	11749.957	327165.830	8611.751	5318.428	1375.370
%RSD		1.664	1.204	1.110	1.077	1.108	1.419	1.474	1.175	1.395

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	18:33:31	493494.690	241160.700	192280.680	85149.365	4671.076	4671.076	16264.983	6559.318	33.854
2	18:34:39	495951.040	247098.380	193446.260	86140.174	4877.395	4877.395	16433.926	6591.624	44.792
3	18:35:47	509372.030	249384.470	193508.020	86128.646	5039.951	5039.951	16658.666	6635.395	44.271
x		499605.920	245881.180	193078.320	85806.062	4862.807	4862.807	16452.525	6595.446	40.972
σ		8546.409	4244.854	691.467	568.745	184.870	184.870	197.499	38.182	6.170
%RSD		1.711	1.726	0.358	0.663	3.802	3.802	1.200	0.579	15.059

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	18:33:31	88295.460	156289.330	169814.270	100374.830	258365.410	3.125	465616.270	10585.170	494253.060
2	18:34:39	89980.928	159335.200	171866.720	102702.220	262578.690	3.125	458329.990	11051.148	502138.200
3	18:35:47	91124.077	160524.980	173930.530	104135.980	266234.490	1.563	456876.720	10755.610	502151.150
x		89800.155	158716.500	171870.500	102404.350	262392.860	2.604	460274.330	10797.309	499514.140
σ		1422.947	2184.550	2058.136	1898.188	3937.830	0.902	4682.976	235.771	4556.230
%RSD		1.585	1.376	1.197	1.854	1.501	34.641	1.017	2.184	0.912

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	18:33:31	7664.556	7664.556	479177.260	117889.110	331556.530	505693.170	444508.050	792148.090	1075941.000
2	18:34:39	8002.241	8002.241	483486.040	121317.640	333872.030	514832.960	451772.890	801610.900	1068801.000
3	18:35:47	7991.297	7991.297	487277.270	120335.950	335007.530	515487.180	456371.900	810194.110	1058583.800
x		7886.031	7886.031	483313.520	119847.570	333478.700	512004.440	450884.280	801317.700	1067775.300
σ		191.881	191.881	4052.757	1765.668	1758.801	5475.498	5981.634	9026.584	8723.948
%RSD		2.433	2.433	0.839	1.473	0.527	1.069	1.327	1.126	0.817

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	18:33:31	1107796.100	758549.300	1825075.400	617771.640	576983.710	1337566.000	945837.670	3108219.800
2	18:34:39	1093028.900	764295.300	1843852.500	628672.710	583250.980	1355395.700	939358.560	3105551.100
3	18:35:47	1087064.200	766787.750	1855671.100	628733.090	583140.350	1359764.300	930401.520	3122290.700
x		1095963.000	763210.780	1841533.000	625059.140	581125.010	1350908.600	938532.580	3112020.500
σ		10672.863	4224.941	15429.137	6311.240	3586.899	11759.723	7751.154	8993.760
%RSD		0.974	0.554	0.838	1.010	0.617	0.871	0.826	0.289

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	18:41:23	24423.986	39790.755	6542.123	1240.679	36204666.000	27159041.000	3697657.900	4315308.100	6051684.800
2	18:42:32	24001.395	39863.353	6631.226	1326.624	36405187.000	27527676.000	3776831.100	4357422.200	6138979.200
3	18:43:40	23855.839	40134.423	6690.629	1368.816	36434538.000	27450609.000	3790535.900	4406439.000	6143006.000
x		24093.740	39929.510	6621.326	1312.040	36348130.000	27379109.000	3755008.300	4359723.100	6111223.300
σ		295.116	181.134	74.746	65.302	125107.050	194440.440	50137.400	45608.988	51601.190
%RSD		1.225	0.454	1.129	4.977	0.344	0.710	1.335	1.046	0.844

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	18:41:23	73064.493	344054.720	79035.214	479799.180	20743247.000	97074.013	1611152.000	157703.180	51108.447
2	18:42:32	74792.149	344498.020	79649.550	477353.650	20795057.000	98022.646	1607980.600	156486.790	50467.110
3	18:43:40	76369.210	348832.570	79860.095	481553.630	20787083.000	98667.688	1608519.300	156651.080	50562.760
x		74741.951	345795.110	79514.953	479568.820	20775129.000	97921.449	1609217.300	156947.020	50712.772
σ		1652.930	2639.847	428.596	2109.449	27896.651	801.642	1697.033	659.991	345.985
%RSD		2.212	0.763	0.539	0.440	0.134	0.819	0.105	0.421	0.682

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	18:41:23	762137.610	712356.910	85574.288	2665698.100	2119523.800	45483088.000	1157168.700	904946.590	196658.420
2	18:42:32	767894.900	722103.410	86358.675	2681508.700	2096581.900	45686783.000	1147783.100	898236.070	196821.580
3	18:43:40	772415.010	720644.970	85824.218	2687884.500	2121798.500	45647697.000	1154834.400	903421.660	195407.050
x		767482.510	718368.430	85919.060	2678363.700	2112634.700	45605856.000	1153262.100	902201.440	196295.680
σ		5151.097	5256.954	400.702	11422.665	13948.632	108101.580	4886.354	3517.739	773.892
%RSD		0.671	0.732	0.466	0.426	0.660	0.237	0.424	0.390	0.394

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	18:41:23	990401.450	483762.350	381790.720	169792.660	9825.253	9825.253	32082.338	13161.790	43.750
2	18:42:32	991259.570	482101.340	382331.460	170064.090	9551.630	9551.630	31889.198	13128.426	47.917
3	18:43:40	991769.780	487477.680	381172.990	170944.290	9672.023	9672.023	32021.786	13180.035	36.458
x		991143.600	484447.120	381765.060	170267.010	9682.968	9682.968	31997.774	13156.750	42.708
σ		691.499	2752.809	579.663	602.037	137.139	137.139	98.784	26.171	5.800
%RSD		0.070	0.568	0.152	0.354	1.416	1.416	0.309	0.199	13.580

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	18:41:23	176733.370	311833.860	338950.480	202623.730	519260.850	4.688	445992.320	20896.522	972181.900
2	18:42:32	178647.580	314432.070	338830.490	202668.100	518902.880	6.250	448551.860	21060.826	974175.110
3	18:43:40	179728.200	314884.050	341955.200	201535.050	515236.180	0.000	443876.360	20666.500	973027.260
x		178369.720	313716.660	339912.060	202275.630	517799.970	3.646	446140.180	20874.616	973128.090
σ		1516.627	1646.143	1770.431	641.740	2227.510	3.253	2341.255	198.073	1000.423
%RSD		0.850	0.525	0.521	0.317	0.430	89.214	0.525	0.949	0.103

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	18:41:23	15494.336	15494.336	956406.100	236697.920	654827.980	1002486.600	892327.820	1577600.700	1044342.300
2	18:42:32	15395.792	15395.792	947829.000	235924.340	653099.950	998141.390	890895.570	1578474.100	1037135.300
3	18:43:40	15398.920	15398.920	942387.680	234996.740	652045.570	995184.480	884541.850	1562932.500	1029891.400
x		15429.682	15429.682	948874.260	235873.000	653324.500	998604.170	889255.080	1573002.500	1037123.000
σ		56.013	56.013	7067.423	851.751	1404.730	3673.014	4144.119	8731.743	7225.447
%RSD		0.363	0.363	0.745	0.361	0.215	0.368	0.466	0.555	0.697

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	18:41:23	1072978.600	1479992.300	3628343.700	1216826.700	1127484.900	2633340.700	904111.770	6074225.900
2	18:42:32	1053301.500	1480690.700	3633123.200	1210185.700	1116648.600	2613673.300	899404.700	6103719.500
3	18:43:40	1052071.900	1467686.500	3611233.300	1203523.800	1120234.000	2628957.700	893142.030	6031753.200
x		1059450.700	1476123.200	3624233.400	1210178.700	1121455.800	2625323.900	898886.170	6069899.500
σ		11731.668	7314.700	11509.269	6651.458	5520.519	10324.969	5503.220	36177.692
%RSD		1.107	0.496	0.318	0.550	0.492	0.393	0.612	0.596

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	18:49:17	23534.995	77902.455	12837.015	1645.407	70420510.000	53353705.000	7300736.600	8506924.100	11925052.000
2	18:50:25	23516.215	77720.217	12933.977	1684.474	71106304.000	54056452.000	7371795.200	8625211.300	12066580.000
3	18:51:33	23877.751	77755.303	13115.393	1617.279	70873064.000	53927189.000	7327384.900	8564834.700	12077274.000
x		23642.987	77792.658	12962.128	1649.054	70799959.000	53779115.000	7333305.600	8565656.700	12022969.000
σ		203.528	96.692	141.308	33.746	348692.590	374042.490	35897.366	59147.888	84966.993
%RSD		0.861	0.124	1.090	2.046	0.493	0.696	0.490	0.691	0.707

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	18:49:17	147529.740	675557.390	111538.420	475838.720	39983110.000	190755.750	3265265.600	155142.560	99776.915
2	18:50:25	146153.200	678781.520	112136.830	468647.380	40126610.000	192480.210	3294679.700	153419.410	100484.980
3	18:51:33	145824.870	676336.750	112423.440	468318.100	40315201.000	189728.140	3274730.900	153027.750	100044.400
x		146502.600	676891.890	112032.900	470934.730	40141640.000	190988.030	3278225.400	153863.240	100102.100
σ		904.549	1682.224	451.572	4250.165	166555.070	1390.664	15015.203	1125.099	357.540
%RSD		0.617	0.249	0.403	0.902	0.415	0.728	0.458	0.731	0.357

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	18:49:17	1504052.500	1401695.700	165953.670	5159705.600	4126123.600	88602470.000	2209069.300	1748905.000	378912.470
2	18:50:25	1511069.500	1410746.800	168456.140	5217886.600	4153494.400	89540322.000	2234115.800	1768617.000	383432.260
3	18:51:33	1505048.000	1405744.200	168565.230	5202149.800	4155209.800	89567700.000	2224089.700	1749007.100	378314.110
x		1506723.300	1406062.200	167658.350	5193247.300	4144942.600	89236830.000	2222424.900	1755509.700	380219.610
σ		3796.654	4533.934	1477.301	30094.809	16320.301	549543.030	12605.955	11351.374	2798.273
%RSD		0.252	0.322	0.881	0.579	0.394	0.616	0.567	0.647	0.736

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	18:49:17	1914939.300	930596.430	736727.120	335648.880	18533.890	18533.890	61692.819	25787.316	35.938
2	18:50:25	1927224.400	936176.730	739767.410	334998.460	18795.168	18795.168	61663.003	26104.558	38.021
3	18:51:33	1915302.200	937581.710	739477.990	333029.790	18621.504	18621.504	61339.218	25891.149	41.667
x		1919155.300	934784.960	738657.510	334559.050	18650.187	18650.187	61565.013	25927.674	38.542
σ		6990.424	3694.767	1678.015	1363.718	132.980	132.980	196.112	161.744	2.900
%RSD		0.364	0.395	0.227	0.408	0.713	0.713	0.319	0.624	7.524

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	18:49:17	344594.050	613279.470	661092.790	390714.700	1008172.900	10.938	435098.360	39314.961	1868357.200
2	18:50:25	351583.160	618047.240	664413.520	394581.320	1020964.900	7.813	433724.710	40015.340	1888205.300
3	18:51:33	347388.650	617499.290	671391.150	397133.410	1018836.300	4.688	434196.530	40015.340	1879642.800
x		347855.290	616275.340	665632.490	394143.140	1015991.300	7.813	434339.870	39781.880	1878735.100
σ		3517.845	2608.919	5256.282	3231.713	6854.117	3.125	697.952	404.363	9955.149
%RSD		1.011	0.423	0.790	0.820	0.675	40.000	0.161	1.016	0.530

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	18:49:17	29647.921	29647.921	1824177.100	453196.620	1271253.500	1951055.900	1727835.700	3171436.200	1012248.000
2	18:50:25	30059.717	30059.717	1835238.800	456613.830	1284557.300	1968550.000	1736559.100	3219455.800	1018843.000
3	18:51:33	30108.257	30108.257	1830571.100	454646.300	1273273.600	1958998.400	1720641.700	3204555.900	1009708.700
x		29938.632	29938.632	1829995.700	454818.910	1276361.500	1959534.800	1728345.500	3198482.700	1013599.900
σ		252.930	252.930	5553.287	1715.132	7169.300	8759.387	7970.981	24579.114	4714.825
%RSD		0.845	0.845	0.303	0.377	0.562	0.447	0.461	0.768	0.465

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	18:49:17	1029881.400	2874267.900	6953607.500	2341581.300	2163118.300	5074462.500	866173.850	11717004.000
2	18:50:25	1039575.300	2897747.300	7016772.100	2350661.800	2161525.500	5122552.200	864233.330	11813387.000
3	18:51:33	1032170.900	2914864.700	7018620.000	2342003.800	2178554.100	5128347.000	867497.530	11856535.000
x		1033875.800	2895626.700	6996333.200	2344749.000	2167732.600	5108453.900	865968.240	11795642.000
σ		5066.850	20381.315	37013.046	5125.021	9405.454	29579.633	1641.786	71437.986
%RSD		0.490	0.704	0.529	0.219	0.434	0.579	0.190	0.606

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	18:57:12	24179.821	8004.846	6831.321	971.908	1798662.400	697334.450	95096.719	111933.680	338515.340
2	18:58:20	24090.608	7816.721	6909.483	937.531	1787356.200	693432.480	93822.711	110555.830	334668.470
3	18:59:28	23797.930	7825.059	7136.157	1009.411	1771212.200	689638.080	92792.578	108938.790	333673.730
x		24022.786	7882.209	6958.987	972.950	1785743.600	693468.340	93904.003	110476.100	335619.180
σ		199.775	106.289	158.333	35.951	13795.936	3848.313	1154.219	1499.038	2556.990
%RSD		0.832	1.348	2.275	3.695	0.773	0.555	1.229	1.357	0.762

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	18:57:12	75360.751	2253.303	45591.384	473171.020	2085921.500	4077.144	69050.853	153834.780	51197.829
2	18:58:20	74478.014	2278.307	45241.838	473271.130	2084280.400	4009.938	68768.245	154493.390	50133.125
3	18:59:28	74333.515	2164.226	45823.375	476106.810	2081086.400	3950.546	67873.356	155208.900	50220.933
x		74724.093	2231.945	45552.199	474182.980	2083762.800	4012.543	68564.151	154512.360	50517.295
σ		556.075	59.964	292.742	1666.830	2458.767	63.339	614.708	687.256	590.992
%RSD		0.744	2.687	0.643	0.352	0.118	1.579	0.897	0.445	1.170

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	18:57:12	155398.440	148248.050	17908.092	124868.350	219760.220	2093018.900	52187.337	185528.200	41262.630
2	18:58:20	154439.690	146666.230	18073.926	122934.500	217664.440	2087471.800	51597.701	184105.280	41281.434
3	18:59:28	153425.730	145722.270	17577.995	122510.570	217315.430	2056826.000	51120.992	184087.870	41225.022
x		154421.290	146878.850	17853.338	123437.800	218246.700	2079105.600	51635.343	184573.790	41256.362
σ		986.486	1276.248	252.459	1256.890	1322.315	19492.995	534.168	826.594	28.724
%RSD		0.639	0.869	1.414	1.018	0.606	0.938	1.035	0.448	0.070

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	18:57:12	105950.820	50674.091	79929.230	68564.666	3827.075	3827.075	13407.330	5249.402	44.792
2	18:58:20	105678.500	51072.381	79239.466	68085.298	3767.684	3767.684	13365.103	5379.659	46.354
3	18:59:28	104463.360	51022.202	79006.933	68434.879	3788.002	3788.002	13299.938	5325.472	33.854
x		105364.230	50922.891	79391.876	68361.614	3794.254	3794.254	13357.457	5318.177	41.667
σ		791.964	216.923	479.666	247.940	30.185	30.185	54.103	65.434	6.811
%RSD		0.752	0.426	0.604	0.363	0.796	0.796	0.405	1.230	16.346

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	18:57:12	184534.200	325545.640	349623.430	207667.260	537944.400	1.563	450995.780	4719.530	188034.090
2	18:58:20	183606.740	325723.050	351070.790	206920.600	534060.480	10.938	455399.410	4463.197	188477.370
3	18:59:28	183413.660	325144.470	351277.340	206678.070	533818.890	3.125	457913.840	4563.229	187658.890
x		183851.530	325471.050	350657.190	207088.640	535274.590	5.208	454769.670	4581.985	188056.780
σ		599.038	296.415	901.192	515.561	2315.274	5.023	3501.758	129.191	409.713
%RSD		0.326	0.091	0.257	0.249	0.433	96.437	0.770	2.820	0.218

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	18:57:12	3575.447	3575.447	183943.850	49400.893	685315.460	404159.190	37196.801	65842.007	1032991.200
2	18:58:20	3425.411	3425.411	184684.560	49115.537	692426.010	405226.290	36599.949	66925.148	1042327.900
3	18:59:28	3314.447	3314.447	183404.160	48977.564	686249.350	406584.390	37256.330	65609.692	1036428.800
x		3438.435	3438.435	184010.860	49164.665	687996.940	405323.290	37017.694	66125.616	1037249.300
σ		130.987	130.987	642.825	215.898	3864.005	1215.502	362.999	702.091	4722.113
%RSD		3.809	3.809	0.349	0.439	0.562	0.300	0.981	1.062	0.455

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	18:57:12	1062501.400	631899.560	1546224.500	532202.410	468829.790	1118054.000	920441.020	4757.042
2	18:58:20	1065443.200	633536.930	1533307.600	527767.340	463687.860	1113480.700	923158.220	5299.420
3	18:59:28	1068343.600	634585.070	1540704.500	526068.890	464452.740	1119800.300	924968.290	3222.238
x		1065429.400	633340.520	1540078.900	528679.550	465656.800	1117111.700	922855.840	4426.234
σ		2921.115	1353.485	6481.161	3166.878	2774.377	3263.465	2278.732	1077.380
%RSD		0.274	0.214	0.421	0.599	0.596	0.292	0.247	24.341

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	19:05:05	24297.207	45.833	207.814	907.841	257091.160	6068.476	857.838	906.279	3712.983
2	19:06:13	24541.374	56.250	157.813	918.780	258944.500	8860.560	1223.490	1390.693	3298.818
3	19:07:22	23990.440	43.229	148.438	879.715	256095.390	8077.283	1114.106	1192.237	3156.599
x		24276.340	48.438	171.355	902.112	257377.020	7668.773	1065.145	1163.070	3389.467
σ		276.059	6.890	31.920	20.153	1445.906	1440.171	187.678	243.521	289.056
%RSD		1.137	14.224	18.628	2.234	0.562	18.780	17.620	20.938	8.528

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	19:05:05	2797.149	1926.692	45879.805	476352.290	376464.640	32.813	2250.177	155283.140	56.250
2	19:06:13	2306.436	2034.520	46785.862	480694.150	379982.520	59.375	2443.959	158246.640	84.375
3	19:07:22	2709.632	2162.664	45875.103	480442.130	382138.910	46.875	2243.926	157418.820	51.563
x		2604.406	2041.292	46180.257	479162.860	379528.690	46.354	2312.688	156982.870	64.063
σ		261.733	118.131	524.475	2437.284	2864.230	13.289	113.727	1529.095	17.747
%RSD		10.050	5.787	1.136	0.509	0.755	28.668	4.918	0.974	27.702

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	19:05:05	1709.477	912.529	615.638	7834.960	981.284	134691.360	4361.603	259.377	210.939
2	19:06:13	1850.120	1078.166	664.078	8061.649	1203.176	140209.700	4475.701	425.006	257.815
3	19:07:22	1740.731	1062.540	532.822	8238.312	1182.862	140410.090	4455.382	351.567	234.377
x		1766.776	1017.745	604.180	8044.974	1122.440	138437.050	4430.896	345.317	234.377
σ		73.850	91.454	66.374	202.192	122.666	3245.410	60.863	82.991	23.438
%RSD		4.180	8.986	10.986	2.513	10.929	2.344	1.374	24.033	10.000

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	19:05:05	503.134	217.189	215.627	140.105	34.375	34.375	924.509	47.917	47.396
2	19:06:13	650.015	309.378	321.879	177.605	21.875	21.875	941.177	48.958	40.104
3	19:07:22	618.763	239.065	275.003	158.855	20.313	20.313	897.424	50.000	43.229
x		590.637	255.211	270.836	158.855	25.521	25.521	921.037	48.958	43.576
σ		77.374	48.169	53.248	18.750	7.708	7.708	22.082	1.042	3.658
%RSD		13.100	18.874	19.661	11.803	30.201	30.201	2.398	2.128	8.395

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	19:05:05	684.391	1171.923	1323.499	782.834	2106.405	1.563	453973.850	303.128	234.377
2	19:06:13	631.264	1001.598	1148.484	673.453	1739.168	1.563	464606.040	296.878	389.068
3	19:07:22	562.511	928.155	975.033	554.698	1459.450	0.000	458796.170	248.440	318.754
x		626.055	1033.892	1149.005	670.329	1768.341	1.042	459125.350	282.815	314.066
σ		61.107	125.052	174.233	114.100	324.463	0.902	5323.737	29.934	77.452
%RSD		9.761	12.095	15.164	17.021	18.348	86.603	1.160	10.584	24.661

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	19:05:05	1.563	1.563	240.627	57.813	1084.416	2301.748	139.063	240.627	1031112.500
2	19:06:13	6.250	6.250	364.067	85.938	1153.172	2192.356	253.127	359.380	1045411.800
3	19:07:22	6.250	6.250	267.190	110.938	1067.227	1696.976	187.501	315.628	1027097.500
x		4.688	4.688	290.628	84.896	1101.605	2063.693	193.231	305.212	1034540.600
σ		2.706	2.706	64.972	26.578	45.477	322.262	57.247	60.058	9626.356
%RSD		57.735	57.735	22.356	31.306	4.128	15.616	29.627	19.677	0.930

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	19:05:05	1054986.500	751.582	1768.860	429.694	465.633	979.721	910726.810	759.395
2	19:06:13	1064854.800	925.030	2367.384	717.206	664.078	1575.087	931980.900	1229.740
3	19:07:22	1043962.900	767.208	1817.303	625.014	570.324	1312.560	908476.000	1032.850
x		1054601.400	814.607	1984.515	590.638	566.678	1289.123	917061.240	1007.329
σ		10451.274	95.948	332.457	146.806	99.273	298.374	12969.724	236.209
%RSD		0.991	11.778	16.753	24.856	17.518	23.146	1.414	23.449

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	19:13:00	22373.757	59.896	120.313	5565.146	69164966.000	51611865.000	6989984.400	8123885.400	56227124.000
2	19:14:09	22289.250	58.333	110.938	5719.895	68653792.000	51355951.000	6938541.400	8037545.000	55768632.000
3	19:15:17	21946.532	51.563	100.000	5496.370	68738367.000	51412406.000	6913375.800	8012602.000	55835834.000
x		22203.180	56.597	110.417	5593.804	68852375.000	51460074.000	6947300.500	8058010.800	55943863.000
σ		226.244	4.430	10.166	114.485	273994.750	134451.130	39048.200	58396.343	247601.610
%RSD		1.019	7.827	9.207	2.047	0.398	0.261	0.562	0.725	0.443

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	19:13:00	6304.516	3194093.200	362233.400	906052.560	76794349.000	187176.050	3162374.000	144481.630	197035.430
2	19:14:09	6413.940	3170530.600	360865.040	909186.310	75668519.000	182296.370	3115302.200	142844.990	193834.270
3	19:15:17	6251.368	3173955.400	358788.710	911262.530	76302545.000	182703.080	3146116.400	141017.590	193096.260
x		6323.274	3179526.400	360629.050	908833.800	76255138.000	184058.500	3141264.200	142781.400	194655.320
σ		82.893	12730.883	1734.426	2622.813	564410.470	2707.527	23908.108	1732.897	2094.009
%RSD		1.311	0.400	0.481	0.289	0.740	1.471	0.761	1.214	1.076

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	19:13:00	40040.410	28935.525	16789.548	9701252.700	16135.670	167488770.000	4210714.900	2054.835	2484.591
2	19:14:09	46641.641	27967.975	19129.987	9707481.100	15966.730	166061820.000	4153093.000	2204.858	2270.493
3	19:15:17	50111.173	28118.270	20204.903	9622777.100	16396.905	168754080.000	4194783.000	2217.360	2389.262
x		45597.741	28340.590	18708.146	9677170.300	16166.435	167434890.000	4186196.900	2159.017	2381.449
σ		5115.893	520.680	1746.318	47208.716	216.731	1346940.400	29755.009	90.441	107.263
%RSD		11.220	1.837	9.335	0.488	1.341	0.804	0.711	4.189	4.504

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	19:13:00	8155.452	3980.242	4441.315	791.689	185.939	185.939	823.461	44.271	50.521
2	19:14:09	8147.635	4377.233	4527.280	882.319	223.439	223.439	804.710	42.708	41.667
3	19:15:17	8044.452	4016.190	4539.784	881.798	212.502	212.502	807.835	39.583	42.188
x		8115.846	4124.555	4502.793	851.935	207.293	207.293	812.002	42.188	44.792
σ		61.953	219.563	53.607	52.176	19.285	19.285	10.046	2.387	4.968
%RSD		0.763	5.323	1.191	6.124	9.303	9.303	1.237	5.658	11.092

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	19:13:00	673424.190	1195655.600	1284963.400	765562.060	1972844.100	6.250	414180.810	262.502	153.126
2	19:14:09	670032.670	1190153.100	1272433.100	765107.400	1966454.300	4.688	408169.260	257.815	121.876
3	19:15:17	668528.680	1193549.300	1287046.800	763013.830	1956645.400	7.813	408403.950	212.502	101.563
x		670661.850	1193119.400	1281481.100	764561.100	1965314.600	6.250	410251.340	244.273	125.521
σ		2507.672	2776.355	7904.695	1359.123	8159.262	1.563	3405.042	27.614	25.974
%RSD		0.374	0.233	0.617	0.178	0.415	25.000	0.830	11.305	20.693

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	19:13:00	665.641	665.641	146.876	878.152	650.015	3140.970	460.945	817.211	993623.420
2	19:14:09	653.140	653.140	109.375	845.338	496.884	2886.229	504.696	840.650	991776.470
3	19:15:17	648.452	648.452	104.688	864.089	506.259	2787.772	525.010	825.024	978095.480
x		655.744	655.744	120.313	862.526	551.052	2938.324	496.884	827.628	987831.790
σ		8.885	8.885	23.123	16.463	85.832	182.271	32.739	11.934	8482.313
%RSD		1.355	1.355	19.219	1.909	15.576	6.203	6.589	1.442	0.859

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	19:13:00	1023856.500	468.758	1021.912	11313.853	8901.210	22369.062	859593.710	279.690
2	19:14:09	1018115.700	339.067	746.895	11135.588	8940.297	22156.231	850799.350	243.752
3	19:15:17	1002783.000	264.065	639.077	11463.973	8938.733	22110.848	847489.150	231.252
x		1014918.400	357.296	802.628	11304.472	8926.747	22212.047	852627.400	251.565
σ		10894.525	103.557	197.409	164.393	22.129	137.859	6255.910	25.147
%RSD		1.073	28.983	24.595	1.454	0.248	0.621	0.734	9.996

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	19:20:56	21733.707	1537.062	54.688	5393.205	68870510.000	50460735.000	6813445.000	7878114.000	55037787.000
2	19:22:05	21872.982	1465.700	92.188	5485.428	69167885.000	50735057.000	6830596.100	7964979.900	55446480.000
3	19:23:13	21408.216	1521.435	54.688	5397.895	69167452.000	50679485.000	6750180.600	7896012.700	55391185.000
x		21671.635	1508.066	67.188	5425.509	69068616.000	50625092.000	6798073.900	7913035.500	55291818.000
σ		238.519	37.512	21.651	51.944	171564.830	145024.170	42354.064	45866.694	221727.050
%RSD		1.101	2.487	32.224	0.957	0.248	0.286	0.623	0.580	0.401

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	19:20:56	6082.545	3141003.700	356472.420	909106.460	75754570.000	180251.920	3124258.300	141336.340	192309.180
2	19:22:05	6554.628	3134712.600	357363.010	907313.300	76659010.000	182059.000	3121006.800	141274.800	193005.990
3	19:23:13	6285.758	3144934.300	354981.290	909262.830	76274063.000	179587.380	3105258.300	141696.130	191962.380
x		6307.644	3140216.800	356272.240	908560.860	76229214.000	180632.770	3116841.200	141435.760	192425.850
σ		236.802	5156.064	1203.416	1083.247	453884.850	1279.063	10161.910	227.579	531.496
%RSD		3.754	0.164	0.338	0.119	0.595	0.708	0.326	0.161	0.276

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	19:20:56	76175.995	54974.323	22559.987	9630209.400	55755.467	166549310.000	4169499.300	35038.229	9578.210
2	19:22:05	81404.714	54282.623	24567.982	9696129.900	55669.194	167578880.000	4182447.000	34826.775	9478.143
3	19:23:13	83554.573	54538.282	24492.854	9668882.100	54883.349	166765480.000	4172483.400	35135.342	9654.824
x		80378.427	54598.409	23873.608	9665073.800	55436.003	166964560.000	4174809.900	35000.115	9570.392
σ		3794.839	349.748	1138.249	33124.832	480.552	542888.280	6780.162	157.775	88.599
%RSD		4.721	0.641	4.768	0.343	0.867	0.325	0.162	0.451	0.926

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	19:20:56	26347.712	13052.835	11793.929	7091.343	612.513	612.513	1941.799	521.364	40.104
2	19:22:05	25807.665	12930.850	11412.369	7135.115	614.076	614.076	1941.799	547.927	52.083
3	19:23:13	25918.804	12796.354	11682.900	7163.254	654.703	654.703	1913.670	538.031	30.208
x		26024.727	12926.680	11629.733	7129.904	627.097	627.097	1932.422	535.774	40.799
σ		285.180	128.292	196.258	36.238	23.920	23.920	16.240	13.425	10.954
%RSD		1.096	0.992	1.688	0.508	3.814	3.814	0.840	2.506	26.849

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	19:20:56	664703.100	1183102.000	1279513.000	756348.010	1950442.500	7.813	405999.350	965.658	35254.384
2	19:22:05	674020.080	1183601.900	1281269.900	764789.470	1961366.100	3.125	412986.020	996.910	35381.260
3	19:23:13	674151.050	1192642.100	1273653.800	760344.170	1953320.700	3.125	408468.250	976.596	35354.632
x		670958.080	1186448.700	1278145.600	760493.880	1955043.100	4.688	409151.200	979.721	35330.092
σ		5417.368	5369.523	3987.932	4222.725	5661.868	2.706	3543.051	15.859	66.903
%RSD		0.807	0.453	0.312	0.555	0.290	57.735	0.866	1.619	0.189

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	19:20:56	1332.875	1332.875	34358.455	10014.446	543.760	40237.838	7303.429	13335.909	1001494.000
2	19:22:05	1331.312	1331.312	34587.131	9706.421	435.944	41286.135	7251.840	13385.956	1002384.500
3	19:23:13	1215.677	1215.677	34361.588	10005.065	495.321	40668.743	7239.334	13131.032	1002635.600
x		1293.288	1293.288	34435.725	9908.644	491.675	40730.906	7264.868	13284.299	1002171.400
σ		67.218	67.218	131.131	175.193	54.000	526.906	33.975	135.071	599.947
%RSD		5.197	5.197	0.381	1.768	10.983	1.294	0.468	1.017	0.060

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	19:20:56	1037254.400	58419.204	142737.670	61908.855	51767.062	124072.400	864526.880	278.128
2	19:22:05	1033058.300	58379.982	143951.320	62775.123	51624.359	126028.470	866411.050	257.815
3	19:23:13	1027157.900	59906.595	142411.000	61097.561	51996.016	125399.530	862838.640	284.378
x		1032490.200	58901.927	143033.330	61927.179	51795.812	125166.800	864592.190	273.440
σ		5072.163	870.289	811.609	838.931	187.489	998.589	1787.099	13.888
%RSD		0.491	1.478	0.567	1.355	0.362	0.798	0.207	5.079

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	19:28:53	22173.445	45.833	37.500	1257.868	7509128.800	5394943.200	715339.610	845630.600	5893213.200
2	19:30:01	22544.337	45.313	51.563	1331.312	7582560.400	5470451.300	725047.030	852279.070	5938843.300
3	19:31:10	22763.434	41.146	62.500	1370.378	7584145.900	5475554.700	723734.490	844404.940	5931992.600
x		22493.739	44.097	50.521	1319.853	7558611.700	5446983.100	721373.710	847438.200	5921349.700
σ		298.231	2.569	12.533	57.124	42860.798	45140.044	5266.732	4236.868	24606.476
%RSD		1.326	5.826	24.807	4.328	0.567	0.829	0.730	0.500	0.416

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	19:28:53	2715.883	328506.010	77159.376	506364.780	8532636.200	19119.035	319217.720	146481.530	19942.034
2	19:30:01	2678.376	333090.030	77586.681	512545.050	8531501.700	18954.754	321545.620	148017.560	20511.590
3	19:31:10	2862.787	331682.850	78216.665	512603.340	8576339.400	19144.069	320681.200	150857.980	20616.428
x		2752.349	331092.960	77654.241	510504.390	8546825.800	19072.619	320481.510	148452.360	20356.684
σ		97.463	2348.251	531.872	3585.123	25565.818	102.839	1176.729	2220.383	362.903
%RSD		3.541	0.709	0.685	0.702	0.299	0.539	0.367	1.496	1.783

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	19:28:53	14641.875	3925.539	5324.430	1043566.700	2492.405	18059558.000	445329.940	300.003	473.445
2	19:30:01	14325.930	3863.022	5252.528	1055908.800	2403.327	18187949.000	449885.000	345.317	454.695
3	19:31:10	13600.221	3736.426	4946.169	1060449.200	2468.963	18220109.000	451884.140	307.816	418.756
x		14189.342	3841.663	5174.375	1053308.200	2454.899	18155872.000	449033.030	317.712	448.965
σ		534.091	96.349	200.876	8736.517	46.174	84946.254	3359.132	24.223	27.791
%RSD		3.764	2.508	3.882	0.829	1.881	0.468	0.748	7.624	6.190

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	19:28:53	1187.549	618.763	584.387	294.795	82.813	82.813	859.401	47.396	35.417
2	19:30:01	1257.868	570.324	685.954	298.961	89.063	89.063	856.797	42.188	43.229
3	19:31:10	1164.110	570.324	645.327	278.649	73.438	73.438	862.526	34.375	40.104
x		1203.176	586.470	638.556	290.802	81.771	81.771	859.574	41.320	39.583
σ		48.793	27.967	51.121	10.729	7.864	7.864	2.869	6.554	3.932
%RSD		4.055	4.769	8.006	3.689	9.618	9.618	0.334	15.861	9.934

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	19:28:53	70686.951	125454.700	134916.910	81043.293	206362.620	1.563	436098.480	251.565	68.750
2	19:30:01	71178.445	126216.050	135639.330	80817.016	209503.150	1.563	437873.430	253.127	76.563
3	19:31:10	71509.781	126154.580	136805.050	81316.715	207343.860	0.000	443542.800	239.065	59.375
x		71125.059	125941.780	135787.090	81059.008	207736.540	1.042	439171.570	247.919	68.229
σ		414.005	422.937	952.705	250.220	1606.668	0.902	3888.232	7.708	8.606
%RSD		0.582	0.336	0.702	0.309	0.773	86.603	0.885	3.109	12.613

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	19:28:53	54.688	54.688	56.250	129.688	229.689	637.514	76.563	134.376	1011098.900
2	19:30:01	57.813	57.813	68.750	109.375	273.440	629.701	79.688	150.001	1020309.500
3	19:31:10	73.438	73.438	65.625	121.876	226.564	551.573	81.250	151.563	1038843.500
x		61.979	61.979	63.542	120.313	243.231	606.263	79.167	145.313	1023417.300
σ		10.046	10.046	6.505	10.246	26.208	47.524	2.387	9.504	14131.007
%RSD		16.208	16.208	10.238	8.516	10.775	7.839	3.015	6.541	1.381

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	19:28:53	1047525.700	339.067	890.653	1301.622	1101.605	2639.306	898899.340	162.501
2	19:30:01	1044197.900	342.192	864.089	1356.314	1032.850	2667.437	899120.430	179.689
3	19:31:10	1065160.800	310.941	767.208	1257.868	1126.607	2729.948	911829.890	209.377
x		1052294.800	330.733	840.650	1305.268	1087.021	2678.897	903283.220	183.855
σ		11265.815	17.212	64.974	49.324	48.550	46.395	7402.457	23.714
%RSD		1.071	5.204	7.729	3.779	4.466	1.732	0.820	12.898

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	19:36:49	23145.297	191.147	45.313	1339.125	7496804.600	5436634.000	717746.570	847528.910	5903856.200
2	19:37:58	23193.813	194.272	48.438	1362.565	7504732.400	5449104.500	721331.470	850287.360	5870846.800
3	19:39:06	22921.499	187.501	43.750	1307.872	7485975.900	5449710.200	720743.510	845367.240	5941249.100
x		23086.870	190.974	45.833	1336.521	7495837.600	5445149.600	719940.510	847727.840	5905317.400
σ		145.255	3.389	2.387	27.439	9415.584	7380.904	1922.622	2466.086	35223.915
%RSD		0.629	1.774	5.207	2.053	0.126	0.136	0.267	0.291	0.596

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	19:36:49	2897.169	330274.210	77798.767	514685.610	8519705.900	19438.216	317428.500	149203.230	20264.362
2	19:37:58	2772.144	332798.990	78409.908	518413.720	8487776.500	19117.471	318791.160	153133.560	20189.256
3	19:39:06	2803.400	333977.580	78584.299	520927.730	8507954.000	19051.758	319867.960	152187.590	20710.314
x		2824.238	332350.260	78264.325	518009.020	8505145.500	19202.481	318695.870	151508.130	20387.977
σ		65.065	1892.024	412.506	3140.679	16148.877	206.779	1222.515	2051.369	281.666
%RSD		2.304	0.569	0.527	0.606	0.190	1.077	0.384	1.354	1.382

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	19:36:49	13653.396	6556.192	4288.144	1056404.500	6315.458	18103279.000	444656.310	3834.890	1193.800
2	19:37:58	13734.724	6585.893	4467.886	1037918.900	6456.146	17908202.000	443283.370	3852.082	1134.420
3	19:39:06	13751.928	6639.042	4469.449	1046718.000	6418.629	18071058.000	443407.440	3827.075	1168.798
x		13713.350	6593.709	4408.493	1047013.800	6396.744	18027513.000	443782.380	3838.016	1165.673
σ		52.629	41.975	104.229	9246.331	72.852	104574.490	759.390	12.793	29.813
%RSD		0.384	0.637	2.364	0.883	1.139	0.580	0.171	0.333	2.558

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	19:36:49	3169.102	1478.202	1375.066	868.776	112.500	112.500	943.781	86.979	34.375
2	19:37:58	3042.512	1459.450	1332.875	848.463	110.938	110.938	946.386	91.667	43.229
3	19:39:06	3137.845	1414.133	1398.506	817.732	121.876	121.876	969.304	98.959	33.333
x		3116.486	1450.595	1368.816	844.990	115.105	115.105	953.157	92.535	36.979
σ		65.942	32.940	33.259	25.699	5.916	5.916	14.044	6.037	5.438
%RSD		2.116	2.271	2.430	3.041	5.139	5.139	1.473	6.524	14.705

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	19:36:49	69820.204	123612.180	132910.730	79453.148	203409.780	1.563	440320.380	342.192	3822.386
2	19:37:58	70693.232	122628.760	132893.390	80034.505	203904.260	1.563	450828.110	301.566	3797.380
3	19:39:06	70299.107	123605.880	134188.220	79542.707	204560.410	3.125	446382.350	335.941	3833.327
x		70270.848	123282.270	133330.780	79676.786	203958.150	2.083	445843.610	326.566	3817.698
σ		437.199	565.967	742.614	313.013	577.205	0.902	5274.539	21.875	18.427
%RSD		0.622	0.459	0.557	0.393	0.283	43.301	1.183	6.699	0.483

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	19:36:49	143.751	143.751	3606.705	1089.104	198.439	4411.619	806.273	1414.133	1020582.700
2	19:37:58	131.251	131.251	3756.744	1040.663	173.439	4388.174	768.771	1368.816	1049843.100
3	19:39:06	145.313	145.313	3645.778	1050.039	195.314	4464.760	817.211	1389.130	1032784.800
x		140.105	140.105	3669.742	1059.935	189.064	4421.517	797.418	1390.693	1034403.600
σ		7.708	7.708	77.837	25.692	13.622	39.241	25.405	22.699	14697.225
%RSD		5.501	5.501	2.121	2.424	7.205	0.888	3.186	1.632	1.421

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	19:36:49	1049277.200	6099.740	15223.732	6327.964	5304.110	13403.160	907892.140	71.875
2	19:37:58	1070383.400	6426.445	15206.527	6210.725	5463.545	13140.416	919726.840	82.813
3	19:39:06	1065507.100	6317.021	15237.810	6470.215	5302.546	12963.692	911645.200	101.563
x		1061722.600	6281.069	15222.690	6336.301	5356.734	13169.089	913088.060	85.417
σ		11050.368	166.294	15.668	129.946	92.504	221.133	6047.842	15.014
%RSD		1.041	2.648	0.103	2.051	1.727	1.679	0.662	17.578

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	19:44:44	23671.158	38725.333	6368.607	1220.365	36790452.000	27429709.000	3725227.800	4298430.200	6042917.600
2	19:45:53	23533.430	38885.142	6501.479	1251.617	37131575.000	27694231.000	3759730.200	4333702.100	6086549.600
3	19:47:01	23887.142	39079.421	6407.687	1295.371	37092809.000	27551723.000	3745143.800	4354147.700	6142791.900
x		23697.243	38896.632	6425.924	1255.784	37004945.000	27558554.000	3743367.200	4328760.000	6090753.000
σ		178.293	177.323	68.288	37.677	186764.930	132393.110	17319.682	28185.594	50069.656
%RSD		0.752	0.456	1.063	3.000	0.505	0.480	0.463	0.651	0.822

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	19:44:44	71952.621	340491.160	79307.027	480561.680	20778294.000	95666.126	1585666.900	152075.470	49667.440
2	19:45:53	72555.660	340180.770	78425.618	479744.260	21106200.000	96029.490	1595505.300	154052.740	50253.861
3	19:47:01	73538.792	344930.140	79286.601	479217.640	21084623.000	96954.456	1612405.800	154343.350	50260.133
x		72682.358	341867.360	79006.416	479841.190	20989706.000	96216.691	1597859.400	153490.520	50060.478
σ		800.640	2656.984	503.089	677.242	183405.660	664.252	13523.988	1234.052	340.395
%RSD		1.102	0.777	0.637	0.141	0.874	0.690	0.846	0.804	0.680

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	19:44:44	755174.230	702247.820	85479.976	2684149.900	2112252.300	45970588.000	1136567.100	888362.060	193272.050
2	19:45:53	763587.020	709010.510	86855.423	2715181.400	2132997.900	46065509.000	1148596.300	890955.380	194070.260
3	19:47:01	763557.370	711693.800	87066.074	2706569.700	2150574.000	46300419.000	1149348.700	889129.540	192891.960
x		760772.870	707650.710	86467.158	2701967.000	2131941.400	46112172.000	1144837.400	889482.330	193411.420
σ		4848.591	4867.588	861.388	16019.598	19182.680	169794.710	7172.120	1332.169	601.386
%RSD		0.637	0.688	0.996	0.593	0.900	0.368	0.626	0.150	0.311

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	19:44:44	978525.010	477187.290	377396.560	168768.120	9482.834	9482.834	31627.680	12960.043	38.542
2	19:45:53	982680.590	479232.180	379735.450	169239.800	9445.309	9445.309	31473.173	13139.894	40.625
3	19:47:01	981160.980	481965.620	380141.350	169481.180	9800.235	9800.235	31628.724	13053.878	46.354
x		980788.860	479461.700	379091.120	169163.030	9576.126	9576.126	31576.526	13051.272	41.840
σ		2102.634	2397.421	1481.500	362.673	194.989	194.989	89.508	89.954	4.046
%RSD		0.214	0.500	0.391	0.214	2.036	2.036	0.283	0.689	9.669

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	19:44:44	175762.120	310174.880	336581.380	198389.930	514350.420	4.688	441084.030	20463.083	968466.860
2	19:45:53	178396.030	315042.170	338494.550	201988.260	521282.520	6.250	443401.000	20804.200	972185.240
3	19:47:01	177397.780	314610.950	339891.190	202138.810	517051.600	0.000	441836.440	20899.652	976471.050
x		177185.310	313276.000	338322.370	200839.000	517561.510	3.646	442107.160	20722.311	972374.380
σ		1329.747	2694.287	1661.607	2122.294	3494.068	3.253	1181.970	229.516	4005.450
%RSD		0.750	0.860	0.491	1.057	0.675	89.214	0.267	1.108	0.412

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	19:44:44	15286.299	15286.299	939465.240	235805.210	650376.710	993230.260	882954.260	1561813.200	1029477.200
2	19:45:53	15678.912	15678.912	944890.470	236183.260	651784.030	1005967.400	880729.270	1572399.600	1036386.900
3	19:47:01	15874.440	15874.440	949992.410	236342.100	657471.920	1004149.100	894164.020	1572700.500	1037232.600
x		15613.217	15613.217	944782.710	236110.190	653210.890	1001115.600	885949.190	1568971.100	1034365.500
σ		299.523	299.523	5264.411	275.801	3756.653	6889.162	7200.715	6200.717	4254.513
%RSD		1.918	1.918	0.557	0.117	0.575	0.688	0.813	0.395	0.411

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	19:44:44	1054929.300	1488080.700	3693480.500	1220889.900	1123443.800	2628616.700	886764.090	6211608.300
2	19:45:53	1057029.500	1497518.100	3733653.500	1214557.800	1130333.300	2658188.100	894115.830	6231259.100
3	19:47:01	1064861.500	1503766.800	3732445.300	1228671.100	1134386.400	2660519.900	898743.080	6254444.900
x		1058940.100	1496455.200	3719859.700	1221373.000	1129387.800	2649108.200	893207.670	6232437.400
σ		5234.505	7896.868	22853.112	7069.062	5532.233	17784.424	6040.908	21442.632
%RSD		0.494	0.528	0.614	0.579	0.490	0.671	0.676	0.344

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	19:52:38	23663.332	29.167	153.126	862.526	250933.110	4027.130	492.196	570.324	2306.436
2	19:53:46	24089.043	35.938	129.688	832.837	258744.040	8722.975	1175.048	1317.248	4669.513
3	19:54:55	23915.314	31.771	131.251	893.778	258122.000	7165.859	945.344	1060.977	4017.752
x		23889.230	32.292	138.022	863.047	255933.050	6638.655	870.863	982.850	3664.567
σ		214.051	3.415	13.104	30.474	4341.232	2391.903	347.466	379.542	1220.487
%RSD		0.896	10.577	9.494	3.531	1.696	36.030	39.899	38.616	33.305

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	19:52:38	2353.319	2067.337	45657.219	482597.360	397412.900	23.438	2497.093	156175.600	28.125
2	19:53:46	2178.291	2190.793	45528.685	486566.130	402041.300	29.688	2695.567	154330.710	40.625
3	19:54:55	2403.327	2120.470	45260.648	484542.830	397171.960	37.500	2551.790	155793.340	34.375
x		2311.646	2126.200	45482.184	484568.770	398875.390	30.208	2581.484	155433.220	34.375
σ		118.164	61.927	202.334	1984.515	2744.407	7.046	102.514	973.739	6.250
%RSD		5.112	2.913	0.445	0.410	0.688	23.324	3.971	0.626	18.182

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	19:52:38	4531.969	871.902	1628.218	7861.538	657.828	128642.240	3798.943	70.313	206.251
2	19:53:46	4536.658	962.532	1542.271	8483.768	895.341	137666.390	4020.878	179.689	210.939
3	19:54:55	4477.264	1040.663	1517.268	8091.353	876.589	135987.930	4150.603	151.563	215.627
x		4515.297	958.366	1562.586	8145.553	809.919	134098.850	3990.141	133.855	210.939
σ		33.021	84.458	58.198	314.636	132.048	4799.510	177.834	56.798	4.688
%RSD		0.731	8.813	3.724	3.863	16.304	3.579	4.457	42.432	2.222

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	19:52:38	390.630	128.126	157.813	127.605	48.438	48.438	897.424	46.875	38.021
2	19:53:46	501.571	203.126	215.627	150.522	40.625	40.625	908.362	41.146	35.938
3	19:54:55	479.696	229.689	160.938	141.147	31.250	31.250	927.634	40.104	33.333
x		457.299	186.980	178.126	139.758	40.104	40.104	911.140	42.708	35.764
σ		58.764	52.672	32.514	11.521	8.606	8.606	15.296	3.646	2.349
%RSD		12.850	28.170	18.253	8.244	21.458	21.458	1.679	8.537	6.567

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	19:52:38	565.636	928.155	1015.661	556.261	1514.143	0.000	467938.780	246.877	57.813
2	19:53:46	429.694	760.958	868.776	517.197	1235.991	0.000	460933.660	243.752	225.002
3	19:54:55	346.879	553.136	676.579	406.256	937.531	0.000	466089.140	267.190	139.063
x		447.403	747.416	853.672	493.238	1229.222	0.000	464987.190	252.606	140.626
σ		110.448	187.876	170.045	77.820	288.366	0.000	3630.238	12.726	83.606
%RSD		24.687	25.137	19.919	15.777	23.459	0.000	0.781	5.038	59.452

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	19:52:38	0.000	0.000	87.500	9.375	531.260	1873.560	28.125	64.063	1061492.900
2	19:53:46	3.125	3.125	204.689	42.188	490.633	1546.959	135.938	245.315	1043915.900
3	19:54:55	4.688	4.688	123.438	39.063	400.006	1171.923	78.125	187.501	1053639.100
x		2.604	2.604	138.542	30.208	473.966	1530.814	80.729	165.626	1053016.000
σ		2.387	2.387	60.037	18.110	67.196	351.097	53.954	92.585	8805.061
%RSD		91.652	91.652	43.335	59.949	14.177	22.935	66.833	55.900	0.836

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	19:52:38	1083550.800	137.501	332.816	107.813	129.688	226.564	933218.860	462.507
2	19:53:46	1070719.800	357.817	815.648	289.065	265.627	559.386	929858.440	1050.039
3	19:54:55	1072403.400	267.190	620.326	175.001	206.251	428.131	941315.660	712.518
x		1075558.000	254.169	589.597	190.626	200.522	404.694	934797.650	741.688
σ		6972.966	110.734	242.878	91.631	68.151	167.644	5889.519	294.850
%RSD		0.648	43.567	41.194	48.068	33.987	41.425	0.630	39.754

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	20:00:31	24328.511	113.021	110.938	896.903	620829.700	278015.100	37925.275	44534.935	15941.702
2	20:01:39	24366.074	106.771	131.251	856.276	627140.320	282187.920	38431.312	44621.140	16084.049
3	20:02:47	24475.637	103.125	156.251	840.650	624133.140	285212.730	38528.448	44668.162	16364.055
x		24390.074	107.639	132.813	864.610	624034.390	281805.250	38295.012	44608.079	16129.935
σ		76.443	5.005	22.697	29.038	3156.467	3614.041	323.864	67.567	214.882
%RSD		0.313	4.650	17.089	3.359	0.506	1.282	0.846	0.151	1.332

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	20:00:31	3412.908	2115.782	46364.178	487160.900	813509.140	1010.973	18472.873	155207.320	518.759
2	20:01:39	3331.638	2167.352	45652.516	485525.360	818774.080	1042.226	18397.777	156600.530	507.822
3	20:02:47	3356.644	2137.660	46066.342	493177.780	817914.370	990.659	18644.972	157126.570	535.948
x		3367.064	2140.265	46027.679	488621.340	816732.530	1014.619	18505.207	156311.470	520.843
σ		41.624	25.884	357.403	4029.835	2824.436	25.976	126.730	991.737	14.178
%RSD		1.236	1.209	0.776	0.825	0.346	2.560	0.685	0.634	2.722

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	20:00:31	11021.437	3788.002	1696.976	29989.257	2889.355	509007.830	13349.985	2029.832	618.763
2	20:01:39	11216.902	3786.439	1631.343	30003.349	3023.758	517524.520	13185.770	1901.689	631.264
3	20:02:47	11195.010	3692.665	1562.586	29896.876	3025.320	518523.860	13684.676	1898.564	614.076
x		11144.450	3755.702	1630.302	29963.161	2979.478	515018.730	13406.810	1943.362	621.368
σ		107.093	54.598	67.201	57.835	78.053	5229.524	254.261	74.902	8.885
%RSD		0.961	1.454	4.122	0.193	2.620	1.015	1.897	3.854	1.430

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	20:00:31	2383.011	1228.178	939.093	454.174	128.126	128.126	1229.220	158.855	43.229
2	20:01:39	2400.202	1145.358	864.089	444.278	118.750	118.750	1215.156	143.751	57.292
3	20:02:47	2504.907	1214.114	943.781	440.111	140.626	140.626	1203.176	185.939	33.333
x		2429.373	1195.883	915.654	446.188	129.167	129.167	1215.850	162.848	44.618
σ		65.976	44.317	44.719	7.223	10.975	10.975	13.036	21.376	12.039
%RSD		2.716	3.706	4.884	1.619	8.497	8.497	1.072	13.126	26.983

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	20:00:31	1800.113	3222.238	3603.579	2137.660	5426.030	0.000	461148.230	300.003	2128.284
2	20:01:39	1962.635	3362.896	3627.023	2217.360	5569.836	1.563	462337.320	320.316	2139.223
3	20:02:47	1857.933	3305.070	3541.064	2079.839	5394.768	1.563	462395.400	281.253	2064.212
x		1873.561	3296.735	3590.555	2144.953	5463.545	1.042	461960.320	300.524	2110.573
σ		82.380	70.698	44.435	69.050	93.368	0.902	703.885	19.537	40.521
%RSD		4.397	2.144	1.238	3.219	1.709	86.603	0.152	6.501	1.920

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	20:00:31	32.813	32.813	2020.455	521.885	6709.388	4552.288	3523.872	6428.008	1051425.200
2	20:01:39	39.063	39.063	1918.879	529.697	6649.985	4422.560	3552.004	6312.332	1042836.500
3	20:02:47	34.375	34.375	1937.631	442.194	6695.319	4660.135	3594.202	6431.135	1040305.300
x		35.417	35.417	1958.989	497.925	6684.897	4544.994	3556.693	6390.492	1044855.700
σ		3.253	3.253	54.051	48.422	31.042	118.956	35.399	67.706	5828.464
%RSD		9.184	9.184	2.759	9.725	0.464	2.617	0.995	1.059	0.558

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	20:00:31	1068780.800	3256.621	7852.157	2625.241	2437.708	5844.946	927261.600	12411.639
2	20:01:39	1066857.200	3161.287	8071.029	2578.358	2461.150	5810.556	930081.670	12901.135
3	20:02:47	1063666.300	3317.573	7805.257	2547.102	2362.695	5616.729	927659.670	12430.406
x		1066434.800	3245.160	7909.481	2583.567	2420.518	5757.410	928334.310	12581.060
σ		2583.283	78.771	141.857	39.329	51.429	123.041	1526.288	277.352
%RSD		0.242	2.427	1.794	1.522	2.125	2.137	0.164	2.205

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	20:08:24	24350.423	67.188	71.875	885.965	436098.480	145810.660	19863.800	23428.571	8959.058
2	20:09:32	24261.209	80.209	89.063	934.406	433483.160	145177.700	19837.201	23078.001	8877.758
3	20:10:40	24577.373	71.354	98.438	857.838	435422.060	146604.660	19571.209	23265.805	8985.638
x		24396.335	72.917	86.459	892.736	435001.240	145864.340	19757.404	23257.459	8940.818
σ		163.006	6.650	13.471	38.730	1357.495	714.994	161.796	175.434	56.205
%RSD		0.668	9.119	15.581	4.338	0.312	0.490	0.819	0.754	0.629

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	20:08:24	2747.139	2100.154	46169.800	493691.960	612495.320	512.509	10148.916	157188.180	290.628
2	20:09:32	3034.697	2065.774	46782.727	495111.730	611797.610	529.697	10506.987	157249.790	332.816
3	20:10:40	2837.782	1973.574	46854.837	501118.960	613900.630	540.635	10564.843	156512.060	282.815
x		2873.206	2046.501	46602.455	496640.880	612731.190	527.614	10406.915	156983.340	302.087
σ		147.016	65.454	376.421	3942.564	1071.167	14.178	225.299	409.300	26.898
%RSD		5.117	3.198	0.808	0.794	0.175	2.687	2.165	0.261	8.904

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	20:08:24	7283.106	2237.675	1321.936	18851.493	3526.998	326277.680	8976.257	964.095	414.069
2	20:09:32	7109.581	2423.643	1328.187	19205.088	3466.045	327602.810	9029.415	901.591	403.131
3	20:10:40	7036.107	2448.647	1384.442	18929.721	3422.285	326744.420	8874.631	1015.661	437.507
x		7142.932	2369.988	1344.855	18995.434	3471.776	326874.970	8960.101	960.449	418.235
σ		126.832	115.267	34.426	185.731	52.591	672.140	78.647	57.122	17.563
%RSD		1.776	4.864	2.560	0.978	1.515	0.206	0.878	5.947	4.199

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	20:08:24	1340.688	693.767	537.510	260.940	73.438	73.438	1052.122	95.313	37.500
2	20:09:32	1367.253	654.703	568.761	290.628	73.438	73.438	1088.583	87.500	35.417
3	20:10:40	1395.381	675.016	503.134	280.211	60.938	60.938	1029.204	107.813	41.667
x		1367.774	674.495	536.468	277.260	69.271	69.271	1056.636	96.875	38.194
σ		27.350	19.537	32.826	15.062	7.217	7.217	29.946	10.246	3.182
%RSD		2.000	2.897	6.119	5.433	10.418	10.418	2.834	10.577	8.332

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	20:08:24	975.033	1809.490	1897.001	1081.291	2744.014	1.563	463520.040	279.690	1114.106
2	20:09:32	1051.601	1668.848	1892.313	1100.042	2844.033	0.000	463831.470	264.065	1112.543
3	20:10:40	968.783	1612.591	1821.991	1110.981	2794.023	4.688	462432.510	326.566	1104.730
x		998.472	1696.976	1870.435	1097.438	2794.023	2.083	463261.340	290.107	1110.460
σ		46.117	101.418	42.019	15.015	50.010	2.387	734.485	32.527	5.023
%RSD		4.619	5.976	2.246	1.368	1.790	114.564	0.159	11.212	0.452

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	20:08:24	10.938	10.938	1082.853	243.752	3503.555	2351.756	1862.621	3094.085	1031553.600
2	20:09:32	10.938	10.938	960.970	256.252	3330.076	2359.570	1779.798	3145.659	1044431.300
3	20:10:40	14.063	14.063	1004.723	231.252	3325.387	2351.756	1759.483	3108.151	1036905.400
x		11.979	11.979	1016.182	243.752	3386.339	2354.361	1800.634	3115.965	1037630.100
σ		1.804	1.804	61.745	12.500	101.539	4.511	54.635	26.660	6469.358
%RSD		15.061	15.061	6.076	5.128	2.998	0.192	3.034	0.856	0.623

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	20:08:24	1062257.700	1679.786	3892.718	1339.125	1292.246	2903.420	913959.730	6470.215
2	20:09:32	1071633.000	1692.288	3822.386	1409.445	1162.547	2750.265	925736.020	6251.368
3	20:10:40	1060261.000	1689.162	4053.700	1357.877	1245.367	2936.239	918569.910	6235.736
x		1064717.200	1687.079	3922.935	1368.816	1233.387	2863.308	919421.890	6319.106
σ		6071.901	6.506	118.580	36.413	65.674	99.264	5934.191	131.097
%RSD		0.570	0.386	3.023	2.660	5.325	3.467	0.645	2.075

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	20:16:17	23873.056	30.729	54.688	915.654	244507.490	3963.050	509.384	550.011	2631.492
2	20:17:25	23691.504	30.729	37.500	906.279	244375.580	3988.057	462.507	612.513	2678.376
3	20:18:34	23785.410	28.125	35.938	806.273	245691.610	4095.900	481.258	579.699	2614.302
x		23783.323	29.861	42.708	876.069	244858.230	4015.669	484.383	580.741	2641.390
σ		90.794	1.504	10.404	60.626	724.740	70.598	23.594	31.264	33.164
%RSD		0.382	5.035	24.360	6.920	0.296	1.758	4.871	5.384	1.256

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	20:16:17	2472.089	2003.265	47039.819	491764.670	395896.660	23.438	2125.158	155907.070	29.688
2	20:17:25	2403.327	1998.577	46727.860	496078.800	396657.970	32.813	2120.470	154784.010	18.750
3	20:18:34	2422.080	2059.523	46619.695	492262.640	399306.810	20.313	2045.459	155166.250	21.875
x		2432.499	2020.455	46795.791	493368.700	397287.150	25.521	2097.029	155285.780	23.438
σ		35.545	33.915	218.144	2360.182	1790.024	6.505	44.722	570.986	5.634
%RSD		1.461	1.679	0.466	0.478	0.451	25.490	2.133	0.368	24.037

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	20:16:17	3153.473	879.715	1065.665	7875.608	806.273	132794.030	4158.418	67.188	184.376
2	20:17:25	3045.637	896.903	1032.850	8055.396	834.399	133513.190	4122.470	71.875	170.314
3	20:18:34	3000.315	860.963	1081.291	7881.861	767.208	133339.700	4147.477	60.938	182.814
x		3066.475	879.194	1059.935	7937.622	802.627	133215.640	4142.788	66.667	179.168
σ		78.677	17.976	24.724	102.043	33.744	375.287	18.427	5.487	7.708
%RSD		2.566	2.045	2.333	1.286	4.204	0.282	0.445	8.231	4.302

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	20:16:17	350.004	121.876	150.001	86.459	25.000	25.000	906.279	38.542	36.979
2	20:17:25	312.503	145.313	131.251	94.271	34.375	34.375	874.506	38.021	44.792
3	20:18:34	328.129	159.376	162.501	95.313	40.625	40.625	919.821	40.625	51.042
x		330.212	142.188	147.917	92.014	33.333	33.333	900.202	39.063	44.271
σ		18.837	18.944	15.729	4.839	7.864	7.864	23.261	1.378	7.046
%RSD		5.705	13.324	10.634	5.259	23.593	23.593	2.584	3.528	15.915

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	20:16:17	81.250	109.375	134.376	89.063	157.813	1.563	459622.090	256.252	28.125
2	20:17:25	73.438	115.625	109.375	89.063	165.626	3.125	457642.860	306.253	20.313
3	20:18:34	70.313	79.688	114.063	65.625	193.751	0.000	459117.170	251.565	12.500
x		75.000	101.563	119.271	81.250	172.397	1.563	458794.040	271.357	20.313
σ		5.634	19.200	13.289	13.532	18.902	1.563	1028.422	30.312	7.813
%RSD		7.512	18.905	11.142	16.654	10.964	100.000	0.224	11.171	38.462

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	20:16:17	0.000	0.000	14.063	7.813	115.625	189.064	23.438	21.875	1028053.400
2	20:17:25	0.000	0.000	32.813	9.375	129.688	276.565	17.188	17.188	1033954.100
3	20:18:34	0.000	0.000	28.125	10.938	109.375	203.126	26.563	26.563	1035902.000
x		0.000	0.000	25.000	9.375	118.230	222.918	22.396	21.875	1032636.500
σ		0.000	0.000	9.758	1.563	10.404	46.988	4.774	4.688	4086.840
%RSD		0.000	0.000	39.031	16.667	8.800	21.079	21.314	21.429	0.396

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	20:16:17	1050625.800	131.251	265.627	79.688	85.938	164.063	914813.420	107.813
2	20:17:25	1060731.600	109.375	365.630	64.063	82.813	167.188	923547.850	156.251
3	20:18:34	1058029.300	132.813	337.504	78.125	82.813	150.001	920677.420	106.250
x		1056462.200	124.480	322.920	73.959	83.854	160.418	919679.570	123.438
σ		5231.974	13.104	51.572	8.606	1.804	9.156	4451.894	28.427
%RSD		0.495	10.527	15.970	11.636	2.152	5.707	0.484	23.030

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	20:24:11	24060.870	32.292	32.813	881.277	252992.390	4961.799	600.013	723.456	2722.134
2	20:25:20	24093.738	27.604	34.375	850.025	254603.450	5129.046	709.393	714.080	2911.234
3	20:26:28	24705.720	30.208	35.938	859.401	251885.590	5085.280	690.642	809.398	2744.014
x		24286.776	30.035	34.375	863.568	253160.480	5058.708	666.682	748.978	2792.461
σ		363.188	2.349	1.563	16.037	1366.704	86.732	58.494	52.535	103.441
%RSD		1.495	7.820	4.545	1.857	0.540	1.715	8.774	7.014	3.704

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	20:24:11	2290.809	2067.337	46114.936	490419.600	396770.410	48.438	2036.083	157079.180	28.125
2	20:25:20	2343.942	2175.166	45845.320	491130.920	396706.160	28.125	2112.656	158412.530	18.750
3	20:26:28	2440.834	2048.584	45904.886	491366.950	396339.950	35.938	1993.889	157064.960	17.188
x		2358.528	2097.029	45955.047	490972.490	396605.500	37.500	2047.543	157518.890	21.354
σ		76.069	68.315	141.634	493.150	232.209	10.246	60.207	773.948	5.916
%RSD		3.225	3.258	0.308	0.100	0.059	27.323	2.940	0.491	27.702

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	20:24:11	2820.591	832.837	1031.287	8161.706	812.523	133224.570	3925.539	76.563	204.689
2	20:25:20	2719.009	860.963	989.097	8050.705	926.593	132942.280	3873.963	84.375	221.877
3	20:26:28	2701.818	895.341	1060.977	7941.269	860.963	135295.460	4074.018	112.500	168.751
x		2747.139	863.047	1027.120	8051.227	866.693	133820.770	3957.840	91.146	198.439
σ		64.189	31.304	36.121	110.219	57.250	1284.897	103.866	18.901	27.109
%RSD		2.337	3.627	3.517	1.369	6.606	0.960	2.624	20.737	13.661

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	20:24:11	390.630	154.688	129.688	114.063	23.438	23.438	914.092	39.063	35.417
2	20:25:20	381.255	153.126	146.876	95.834	26.563	26.563	914.613	45.833	51.563
3	20:26:28	343.754	176.564	168.751	83.854	23.438	23.438	930.239	45.833	41.146
x		371.880	161.459	148.438	97.917	24.479	24.479	919.648	43.576	42.708
σ		24.805	13.104	19.578	15.212	1.804	1.804	9.176	3.909	8.186
%RSD		6.670	8.116	13.190	15.535	7.370	7.370	0.998	8.971	19.166

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	20:24:11	48.438	85.938	129.688	46.875	145.313	1.563	467385.150	240.627	34.375
2	20:25:20	60.938	84.375	98.438	56.250	121.876	1.563	470390.800	267.190	26.563
3	20:26:28	57.813	87.500	76.563	64.063	120.313	3.125	468923.410	282.815	20.313
x		55.729	85.938	101.563	55.729	129.167	2.083	468899.790	263.544	27.083
σ		6.505	1.563	26.700	8.606	14.005	0.902	1502.965	21.329	7.046
%RSD		11.673	1.818	26.289	15.442	10.842	43.301	0.321	8.093	26.015

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	20:24:11	3.125	3.125	35.938	10.938	142.188	185.939	21.875	46.875	1070242.200
2	20:25:20	4.688	4.688	31.250	18.750	142.188	176.564	31.250	51.563	1071752.500
3	20:26:28	0.000	0.000	17.188	10.938	129.688	207.814	28.125	43.750	1059824.000
x		2.604	2.604	28.125	13.542	138.022	190.105	27.083	47.396	1067272.900
σ		2.387	2.387	9.758	4.511	7.217	16.036	4.774	3.932	6494.949
%RSD		91.652	91.652	34.694	33.309	5.229	8.436	17.625	8.297	0.609

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	20:24:11	1086639.900	153.126	371.880	109.375	112.500	245.315	949500.320	220.314
2	20:25:20	1090022.600	143.751	412.506	92.188	101.563	206.251	953299.020	212.502
3	20:26:28	1087874.000	164.063	407.818	129.688	65.625	246.877	947131.840	228.127
x		1088178.900	153.647	397.401	110.417	93.229	232.814	949977.060	220.314
σ		1711.858	10.166	22.226	18.772	24.524	23.017	3111.107	7.813
%RSD		0.157	6.617	5.593	17.001	26.305	9.887	0.327	3.546

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	20:32:05	24843.458	202.085	159.376	867.214	986989.530	551228.880	74482.726	87213.846	27742.537
2	20:33:13	24890.415	181.251	178.126	945.344	992522.590	558568.370	74691.625	89223.072	28395.380
3	20:34:21	25014.068	163.543	135.938	903.154	995999.370	563094.070	75814.706	88699.514	28108.877
x		24915.980	182.293	157.813	905.237	991837.160	557630.440	74996.352	88378.811	28082.264
σ		88.131	19.292	21.137	39.107	4543.861	5987.944	716.370	1042.298	327.234
%RSD		0.354	10.583	13.394	4.320	0.458	1.074	0.955	1.179	1.165

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	20:32:05	3747.366	2145.474	45961.317	494086.510	1225858.300	1951.696	34391.347	161476.230	901.591
2	20:33:13	4122.470	1940.757	46393.962	493989.490	1238859.700	1928.255	34262.914	160227.920	1053.164
3	20:34:21	4016.190	1989.201	46074.179	499388.030	1237970.100	2026.706	35067.989	161334.010	1095.355
x		3962.009	2025.144	46143.153	495821.340	1234229.400	1968.886	34574.083	161012.720	1016.703
σ		193.332	106.987	224.418	3089.222	7263.198	51.427	432.528	683.369	101.898
%RSD		4.880	5.283	0.486	0.623	0.588	2.612	1.251	0.424	10.022

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	20:32:05	16953.804	7057.993	1639.157	50898.324	5036.825	896233.150	22262.646	3744.241	1020.349
2	20:33:13	17460.664	6956.381	1682.912	51831.357	5163.433	905833.020	22963.754	3734.863	1053.164
3	20:34:21	17412.167	7120.524	1687.600	52108.926	5147.802	910866.560	23087.391	3814.572	1090.667
x		17275.545	7044.966	1669.889	51612.869	5116.020	904310.910	22771.264	3764.559	1054.727
σ		279.689	82.843	26.718	634.186	69.029	7434.504	444.793	43.566	35.185
%RSD		1.619	1.176	1.600	1.229	1.349	0.822	1.953	1.157	3.336

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	20:32:05	4474.138	2140.785	1729.792	773.979	226.564	226.564	1517.268	316.670	50.521
2	20:33:13	4488.205	2222.048	1776.673	747.936	220.314	220.314	1507.892	304.691	35.417
3	20:34:21	4553.851	2093.903	1800.113	741.686	179.689	179.689	1527.165	289.586	42.708
x		4505.398	2152.246	1768.860	754.534	208.856	208.856	1517.442	303.649	42.882
σ		42.547	64.836	35.806	17.128	25.452	25.452	9.638	13.572	7.554
%RSD		0.944	3.012	2.024	2.270	12.186	12.186	0.635	4.470	17.615

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	20:32:05	3373.836	6113.808	6642.169	3838.016	9909.686	3.125	473448.750	390.630	4153.729
2	20:33:13	3592.639	6248.241	6807.872	3805.194	10141.098	0.000	470498.970	353.129	4095.900
3	20:34:21	3556.693	6085.671	6851.643	4064.641	10267.751	0.000	475392.990	359.380	4095.900
x		3507.723	6149.240	6767.228	3902.617	10106.178	1.042	473113.570	367.713	4115.176
σ		117.334	86.884	110.493	141.273	181.569	1.804	2464.169	20.091	33.388
%RSD		3.345	1.413	1.633	3.620	1.797	173.205	0.521	5.464	0.811

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	20:32:05	56.250	56.250	3819.261	970.345	12894.880	8202.354	6929.805	12408.512	1077810.300
2	20:33:13	67.188	67.188	4083.396	931.280	12904.263	8519.727	7039.234	12335.011	1073024.000
3	20:34:21	53.125	53.125	3994.308	1010.973	13299.938	8274.271	7161.169	12801.045	1075468.300
x		58.854	58.854	3965.655	970.866	13033.027	8332.117	7043.403	12514.856	1075434.200
σ		7.384	7.384	134.379	39.849	231.200	166.406	115.738	250.557	2393.307
%RSD		12.546	12.546	3.389	4.104	1.774	1.997	1.643	2.002	0.223

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	20:32:05	1101619.800	6141.945	14670.028	4896.151	4688.269	10766.556	953939.740	24519.462
2	20:33:13	1097653.100	6187.277	15186.192	5064.960	4677.328	11315.417	951508.820	24785.545
3	20:34:21	1094637.500	6138.819	14989.109	5166.559	4528.843	11187.191	948135.890	25139.287
x		1097970.100	6156.014	14948.443	5042.557	4631.480	11089.721	951194.820	24814.765
σ		3501.925	27.120	260.474	136.589	89.055	287.119	2914.636	310.944
%RSD		0.319	0.441	1.742	2.709	1.923	2.589	0.306	1.253

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	20:40:00	24395.813	180.209	157.813	928.155	1007268.600	573650.290	77877.319	90973.119	29156.285
2	20:41:08	24549.200	182.293	175.001	962.532	999811.720	564826.100	76967.722	89767.089	29411.495
3	20:42:17	25410.078	213.022	171.876	976.596	992837.100	563440.140	75951.366	89114.585	28451.742
x		24785.030	191.842	168.230	955.761	999972.460	567305.510	76932.135	89951.598	29006.507
σ		546.714	18.373	9.156	24.920	7217.073	5538.269	963.469	942.905	497.098
%RSD		2.206	9.577	5.442	2.607	0.722	0.976	1.252	1.048	1.714

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	20:40:00	3875.526	2026.706	47224.803	502707.720	1251680.100	2011.079	34809.546	159351.000	1043.788
2	20:41:08	4203.743	2092.341	46690.237	505924.590	1250641.600	1992.326	34698.338	158742.730	1059.414
3	20:42:17	4050.574	2082.964	46760.780	502532.980	1244102.900	2040.771	34281.709	163551.200	970.345
x		4043.281	2067.337	46891.940	503721.760	1248808.200	2014.725	34596.531	160548.310	1024.516
σ		164.230	35.498	290.417	1909.706	4107.855	24.427	278.256	2618.303	47.559
%RSD		4.062	1.717	0.619	0.379	0.329	1.212	0.804	1.631	4.642

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	20:40:00	17549.836	7073.626	1693.850	52320.636	5144.676	911858.170	22744.654	3816.135	1062.540
2	20:41:08	17563.916	7154.916	1567.274	52783.270	5164.996	920617.490	23211.029	3803.631	1117.231
3	20:42:17	17524.805	7164.296	1664.159	51895.652	5254.091	910508.870	22450.439	3727.049	1109.418
x		17546.185	7130.946	1641.761	52333.186	5187.921	914328.180	22802.041	3782.272	1096.396
σ		19.809	49.862	66.194	443.942	58.199	5488.328	383.528	48.231	29.580
%RSD		0.113	0.699	4.032	0.848	1.122	0.600	1.682	1.275	2.698

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	20:40:00	4761.731	2323.627	1778.236	790.647	270.315	270.315	1568.836	296.878	43.229
2	20:41:08	4764.857	2211.109	1787.612	747.415	225.002	225.002	1537.583	291.670	36.458
3	20:42:17	4605.430	2162.664	1681.349	738.040	203.126	203.126	1589.151	300.524	46.875
x		4710.673	2232.466	1749.066	758.701	232.814	232.814	1565.190	296.357	42.188
σ		91.156	82.579	58.831	28.061	34.269	34.269	25.977	4.450	5.286
%RSD		1.935	3.699	3.364	3.698	14.719	14.719	1.660	1.502	12.530

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	20:40:00	3637.963	6342.032	6870.402	4145.914	10203.643	0.000	465556.560	350.004	4142.788
2	20:41:08	3600.454	6204.472	6887.598	4086.522	10411.605	0.000	466169.830	350.004	4144.351
3	20:42:17	3583.262	6131.003	6714.077	3989.620	10314.660	3.125	473923.480	406.256	4231.877
x		3607.226	6225.836	6824.026	4074.019	10309.969	1.042	468549.960	368.755	4173.005
σ		27.972	107.125	95.605	78.894	104.061	1.804	4663.698	32.477	50.990
%RSD		0.775	1.721	1.401	1.937	1.009	173.205	0.995	8.807	1.222

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	20:40:00	64.063	64.063	3989.620	948.469	13293.682	8258.637	7167.423	12871.421	1054878.900
2	20:41:08	78.125	78.125	3947.420	1001.598	12855.782	8555.686	7364.398	12674.370	1049571.100
3	20:42:17	67.188	67.188	3969.301	1056.289	13024.685	8486.895	7123.651	12431.970	1067417.100
x		69.792	69.792	3968.780	1002.119	13058.050	8433.739	7218.490	12659.253	1057289.000
σ		7.384	7.384	21.104	53.912	220.849	155.495	128.241	220.115	9163.876
%RSD		10.580	10.580	0.532	5.380	1.691	1.844	1.777	1.739	0.867

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	20:40:00	1075794.700	6459.272	15084.522	5075.902	4714.840	11052.712	926741.950	24987.459
2	20:41:08	1078505.200	6320.148	15103.292	5041.514	4669.513	11241.922	937095.040	24301.903
3	20:42:17	1092343.400	6345.159	15200.270	4980.556	4619.497	11004.237	948067.510	24694.763
x		1082214.400	6374.860	15129.361	5032.657	4667.950	11099.623	937301.500	24661.375
σ		8876.011	74.166	62.122	48.286	47.691	125.595	10664.279	343.995
%RSD		0.820	1.163	0.411	0.959	1.022	1.132	1.138	1.395

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	20:47:56	25241.029	26.042	285.940	3587.951	10359376.000	6472857.900	857060.600	1008894.700	90740.396
2	20:49:04	24353.553	27.604	309.378	3888.029	10511662.000	6586333.600	868844.560	1021663.800	96249.714
3	20:50:12	24279.991	27.604	304.691	3728.612	10550175.000	6597503.500	874433.050	1031666.000	93701.608
x		24624.858	27.083	300.003	3734.864	10473738.000	6552231.700	866779.400	1020741.500	93563.906
σ		534.886	0.902	12.402	150.137	100895.120	68966.180	8868.433	11413.632	2757.239
%RSD		2.172	3.331	4.134	4.020	0.963	1.053	1.023	1.118	2.947

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	20:47:56	1054311.100	4058.389	58521.183	503746.490	2295648.300	53895.223	901579.310	162084.630	635.952
2	20:49:04	1072391.600	4127.159	58718.867	503668.820	2334461.300	55684.880	917661.070	159812.370	390.630
3	20:50:12	1082739.500	4056.826	58878.898	509520.960	2329956.600	55593.901	918561.590	160079.390	476.570
x		1069814.100	4080.791	58706.316	505645.420	2320022.100	55058.001	912600.660	160658.790	501.051
σ		14388.391	40.163	179.188	3356.535	21228.135	1008.023	9555.380	1242.003	124.479
%RSD		1.345	0.984	0.305	0.664	0.915	1.831	1.047	0.773	24.844

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	20:47:56	4152.166	1270.369	1104.730	22774.389	14325.930	416900.410	14471.389	282.815	490.633
2	20:49:04	4227.188	1368.816	1142.233	23596.033	14566.798	424241.540	14468.260	301.566	454.695
3	20:50:12	4267.825	1404.757	1160.985	22732.134	14535.516	421710.420	14074.117	307.816	462.507
x		4215.726	1347.980	1135.983	23034.186	14476.081	420950.790	14337.922	297.399	469.279
σ		58.675	69.574	28.643	487.033	130.972	3729.051	228.467	13.011	18.902
%RSD		1.392	5.161	2.521	2.114	0.905	0.886	1.593	4.375	4.028

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	20:47:56	1922.004	956.282	1914.191	684.391	17.188	17.188	900.028	39.063	36.979
2	20:49:04	1854.808	889.090	2048.584	714.601	29.688	29.688	929.718	46.354	42.708
3	20:50:12	1818.866	921.905	2062.649	715.643	35.938	35.938	931.280	48.958	41.667
x		1865.226	922.426	2008.475	704.879	27.604	27.604	920.342	44.792	40.451
σ		52.353	33.599	81.955	17.750	9.547	9.547	17.610	5.130	3.052
%RSD		2.807	3.642	4.080	2.518	34.586	34.586	1.913	11.452	7.544

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	20:47:56	584.387	476.570	534.385	296.878	734.394	0.000	459988.280	273.440	43.750
2	20:49:04	518.759	453.132	525.010	326.566	715.643	1.563	465619.500	315.628	32.813
3	20:50:12	490.633	456.257	487.508	278.128	712.518	0.000	466064.930	276.565	26.563
x		531.260	461.987	515.634	300.524	720.852	0.521	463890.900	288.545	34.375
σ		48.111	12.726	24.805	24.424	11.832	0.902	3387.098	23.507	8.700
%RSD		9.056	2.755	4.811	8.127	1.641	173.205	0.730	8.147	25.308

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	20:47:56	3.125	3.125	46.875	20.313	143.751	357.817	62972.865	111122.700	1060780.300
2	20:49:04	1.563	1.563	51.563	20.313	150.001	326.566	63751.306	111374.650	1052733.700
3	20:50:12	6.250	6.250	39.063	6.250	153.126	346.879	62921.075	111127.430	1056389.300
x		3.646	3.646	45.833	15.625	148.959	343.754	63215.082	111208.260	1056634.500
σ		2.387	2.387	6.315	8.119	4.774	15.858	465.105	144.119	4028.884
%RSD		65.465	65.465	13.778	51.962	3.205	4.613	0.736	0.130	0.381

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	20:47:56	1080196.400	232.814	528.135	950.032	753.145	1839.181	931587.700	28553.507
2	20:49:04	1073241.000	217.189	509.384	918.780	823.461	1776.673	923303.080	29098.355
3	20:50:12	1085008.600	189.064	456.257	920.342	759.395	1695.413	929923.410	28706.939
x		1079482.000	213.022	497.925	929.718	778.667	1770.422	928271.400	28786.267
σ		5916.204	22.171	37.284	17.610	38.919	72.087	4382.420	280.953
%RSD		0.548	10.408	7.488	1.894	4.998	4.072	0.472	0.976

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	20:55:51	24547.635	38.021	290.628	2965.933	10759263.000	6650145.700	877379.140	1027065.700	94028.747
2	20:56:59	24963.980	23.438	303.128	4320.966	11027161.000	6779457.700	884035.330	1043301.500	95359.398
3	20:58:07	24683.807	30.729	262.502	3344.141	10755650.000	6678462.500	883258.150	1031033.600	97792.954
x		24731.807	30.729	285.420	3543.680	10847358.000	6702688.600	881557.540	1033800.300	95727.033
σ		212.283	7.292	20.808	699.207	155724.230	67974.853	3639.406	8464.109	1908.843
%RSD		0.858	23.729	7.290	19.731	1.436	1.014	0.413	0.819	1.994

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	20:55:51	1068042.600	4288.144	59175.432	504228.690	2383726.500	57135.905	947126.830	159240.410	701.580
2	20:56:59	1064669.900	8840.234	60785.295	521154.530	2440205.800	58411.360	966638.080	163465.860	517.197
3	20:58:07	1058404.000	4556.977	58174.459	512940.110	2387658.500	57120.217	944460.250	161201.280	520.322
x		1063705.500	5895.118	59378.395	512774.440	2403863.600	57555.827	952741.720	161302.510	579.700
σ		4891.128	2554.085	1317.199	8464.140	31534.628	740.954	12108.230	2114.543	105.563
%RSD		0.460	43.325	2.218	1.651	1.312	1.287	1.271	1.311	18.210

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	20:55:51	4333.470	1529.769	1104.730	23990.440	16917.824	441591.540	14826.440	342.192	454.695
2	20:56:59	4727.345	1587.588	1217.239	40878.716	18502.599	447146.310	14851.466	345.317	459.382
3	20:58:07	4330.344	1464.138	1182.862	24248.688	17055.488	438084.440	14455.748	365.630	400.006
x		4463.719	1527.165	1168.277	29705.948	17491.970	442274.100	14711.218	351.046	438.028
σ		228.312	61.767	57.655	9676.763	877.933	4569.332	221.597	12.726	33.011
%RSD		5.115	4.045	4.935	32.575	5.019	1.033	1.506	3.625	7.536

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	20:55:51	2009.516	984.409	1323.499	713.559	20.313	20.313	979.721	45.833	40.104
2	20:56:59	2065.774	1018.786	1351.626	762.520	39.063	39.063	938.573	167.709	157.293
3	20:58:07	2039.208	1009.411	1354.752	752.624	26.563	26.563	912.529	50.000	46.354
x		2038.166	1004.202	1343.292	742.901	28.646	28.646	943.608	87.848	81.250
σ		28.143	17.771	17.213	25.888	9.547	9.547	33.878	69.194	65.929
%RSD		1.381	1.770	1.281	3.485	33.328	33.328	3.590	78.766	81.143

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	20:55:51	509.384	406.256	448.445	232.814	659.390	1.563	463562.000	254.690	31.250
2	20:56:59	582.824	432.819	467.195	278.128	625.014	0.000	478472.990	289.065	28.125
3	20:58:07	564.074	367.192	465.633	245.315	614.076	1.563	466161.760	293.753	23.438
x		552.094	402.089	460.424	252.086	632.827	1.042	469398.920	279.169	27.604
σ		38.158	33.011	10.404	23.403	23.646	0.902	7965.159	21.329	3.932
%RSD		6.911	8.210	2.260	9.284	3.737	86.603	1.697	7.640	14.245

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	20:55:51	6.250	6.250	37.500	15.625	135.938	362.505	64093.457	112250.220	1047670.100
2	20:56:59	6.250	6.250	25.000	14.063	140.626	365.630	66049.210	115411.190	1088109.800
3	20:58:07	4.688	4.688	25.000	12.500	126.563	307.816	63826.642	113614.060	1064609.400
x		5.729	5.729	29.167	14.063	134.376	345.317	64656.436	113758.490	1066796.400
σ		0.902	0.902	7.217	1.563	7.160	32.514	1213.533	1585.429	20308.341
%RSD		15.746	15.746	24.744	11.111	5.329	9.416	1.877	1.394	1.904

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	20:55:51	1073239.300	203.126	498.446	1046.913	945.344	2143.911	924270.540	28980.929
2	20:56:59	1106339.400	170.314	454.695	1082.853	842.212	2137.660	958403.860	29474.124
3	20:58:07	1089707.700	187.501	432.819	1010.973	839.087	2086.090	943878.300	29145.325
x		1089762.200	186.980	461.987	1046.913	875.548	2122.554	942184.240	29200.126
σ		16550.109	16.413	33.416	35.940	60.465	31.733	17129.601	251.123
%RSD		1.519	8.778	7.233	3.433	6.906	1.495	1.818	0.860

C4368-03 MH30W1 11/08/2011 09:02:38 PM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	21:03:46	24675.981	25.000	290.628	1959.509	10950855.000	6594594.300	870229.870	1021410.700	83160.094
2	21:04:54	24433.377	29.688	321.879	1912.628	11113953.000	6703760.900	883645.080	1035871.800	82313.021
3	21:06:02	24675.981	30.208	267.190	1973.574	10991530.000	6587266.900	871514.090	1021474.400	84463.017
x		24595.113	28.299	293.232	1948.570	11018779.000	6628540.700	875129.680	1026252.300	83312.044
σ		140.067	2.869	27.437	31.911	84894.380	65245.557	7402.451	8330.767	1083.022
%RSD		0.569	10.137	9.357	1.638	0.770	0.984	0.846	0.812	1.300

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	21:03:46	1032075.300	4134.973	56811.176	493691.960	2378924.400	55300.579	919903.300	160741.450	417.194
2	21:04:54	1052093.700	4214.684	57399.458	500792.170	2396326.400	56188.408	934150.320	159425.260	568.761
3	21:06:02	1030850.800	4278.766	57073.155	496124.080	2383087.700	56229.193	924860.050	160251.620	543.760
x		1038339.900	4209.474	57094.596	496869.400	2386112.900	55906.060	926304.550	160139.440	509.905
σ		11926.862	72.038	294.727	3608.305	9086.849	524.758	7232.518	665.226	81.258
%RSD		1.149	1.711	0.516	0.726	0.381	0.939	0.781	0.415	15.936

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	21:03:46	4158.418	1165.673	1100.042	23516.215	19910.741	437295.180	14103.834	351.567	476.570
2	21:04:54	4113.092	1126.607	978.158	23342.492	20519.414	435025.890	13870.793	326.566	487.508
3	21:06:02	4120.907	1164.110	1065.665	23517.780	20060.951	433584.610	14399.441	325.004	426.569
x		4130.806	1152.130	1047.955	23458.829	20163.702	435301.890	14124.689	334.379	463.549
σ		24.230	22.117	62.842	100.753	317.079	1870.618	264.940	14.906	32.490
%RSD		0.587	1.920	5.997	0.429	1.573	0.430	1.876	4.458	7.009

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	21:03:46	2192.356	1009.411	1770.422	705.747	26.563	26.563	932.843	44.271	38.542
2	21:04:54	2161.101	1068.790	1786.049	740.123	35.938	35.938	937.010	41.146	50.000
3	21:06:02	2207.983	982.846	1745.419	734.394	17.188	17.188	932.843	48.958	33.854
x		2187.147	1020.349	1767.297	726.755	26.563	26.563	934.232	44.792	40.799
σ		23.871	44.004	20.495	18.418	9.375	9.375	2.406	3.932	8.306
%RSD		1.091	4.313	1.160	2.534	35.294	35.294	0.258	8.779	20.359

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	21:03:46	470.320	382.818	440.632	232.814	620.326	1.563	469804.800	251.565	28.125
2	21:04:54	442.194	375.005	370.317	243.752	610.951	0.000	459897.940	306.253	17.188
3	21:06:02	450.007	364.067	462.507	264.065	642.202	1.563	467296.380	265.627	12.500
x		454.174	373.963	424.486	246.877	624.493	1.042	465666.370	274.482	19.271
σ		14.519	9.419	48.169	15.858	16.037	0.902	5150.643	28.399	8.018
%RSD		3.197	2.519	11.348	6.423	2.568	86.603	1.106	10.346	41.608

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	21:03:46	3.125	3.125	17.188	18.750	145.313	268.753	63872.157	111735.260	1073887.000
2	21:04:54	7.813	7.813	14.063	15.625	110.938	301.566	64140.543	113450.260	1067613.800
3	21:06:02	3.125	3.125	12.500	7.813	107.813	292.190	64598.851	113439.240	1069904.100
x		4.688	4.688	14.583	14.063	121.355	287.503	64203.850	112874.920	1070468.300
σ		2.706	2.706	2.387	5.634	20.807	16.901	367.460	986.988	3174.397
%RSD		57.735	57.735	16.366	40.062	17.146	5.879	0.572	0.874	0.297

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	21:03:46	1090135.500	146.876	354.692	1134.420	976.596	2476.777	952925.280	29463.164
2	21:04:54	1091479.400	154.688	345.317	1223.490	1006.285	2520.535	943916.650	29641.658
3	21:06:02	1107762.400	167.188	401.568	1189.112	893.778	2392.388	950933.260	29333.209
x		1096459.100	156.251	367.192	1182.341	958.886	2463.233	949258.400	29479.344
σ		9811.968	10.246	30.137	44.919	58.307	65.138	4732.095	154.859
%RSD		0.895	6.557	8.207	3.799	6.081	2.644	0.499	0.525

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	21:11:41	24420.855	25.521	335.941	2408.015	5077264.600	4765599.400	629090.510	729003.450	25596.348
2	21:12:50	25111.113	22.396	346.879	2403.327	4993634.900	4738384.700	621007.500	728038.890	24790.241
3	21:13:57	25223.811	28.125	385.943	2498.656	5034796.600	4726996.500	626716.050	733445.830	25208.159
x		24918.593	25.347	356.254	2436.666	5035232.100	4743660.200	625604.690	730162.720	25198.249
σ		434.721	2.869	26.286	53.736	41816.539	19834.830	4154.528	2883.868	403.145
%RSD		1.745	11.317	7.378	2.205	0.830	0.418	0.664	0.395	1.600

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	21:11:41	797258.440	2142.348	65922.063	489899.060	1870015.900	61194.851	1013224.700	158568.940	190.626
2	21:12:50	785353.550	2301.748	64682.039	486090.990	1870126.000	60258.069	1001144.100	162716.750	193.751
3	21:13:57	790349.330	2256.428	65116.820	490927.220	1857272.800	61547.925	1006139.900	161338.750	129.688
x		790987.110	2233.508	65240.307	488972.420	1865804.900	61000.282	1006836.200	160874.810	171.355
σ		5978.014	82.134	629.167	2547.799	7389.226	666.577	6070.318	2112.468	36.119
%RSD		0.756	3.677	0.964	0.521	0.396	1.093	0.603	1.313	21.078

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	21:11:41	3526.998	1565.711	989.097	15793.100	51712.176	296485.660	11554.671	215.627	396.881
2	21:12:50	3480.111	1473.514	932.843	15488.079	51053.564	290433.540	11376.403	207.814	382.818
3	21:13:57	3475.423	1515.705	925.030	15749.302	51097.470	294640.250	11357.638	214.064	457.820
x		3494.177	1518.310	948.990	15676.827	51287.737	293853.150	11429.571	212.502	412.506
σ		28.520	46.154	34.953	164.921	368.230	3101.885	108.746	4.134	39.868
%RSD		0.816	3.040	3.683	1.052	0.718	1.056	0.951	1.945	9.665

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	21:11:41	4086.522	1956.384	2829.968	1032.850	21.875	21.875	967.220	41.667	40.104
2	21:12:50	3950.546	1920.442	2833.093	1054.206	25.000	25.000	920.342	46.875	40.104
3	21:13:57	3917.725	1937.631	2722.134	1034.933	21.875	21.875	923.988	38.021	50.000
x		3984.931	1938.152	2795.065	1040.663	22.917	22.917	937.184	42.188	43.403
σ		89.498	17.977	63.179	11.774	1.804	1.804	26.076	4.450	5.713
%RSD		2.246	0.928	2.260	1.131	7.873	7.873	2.782	10.548	13.164

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	21:11:41	448.445	589.075	628.139	310.941	881.277	1.563	466313.470	276.565	14.063
2	21:12:50	418.756	539.073	565.636	339.067	846.900	0.000	470649.100	267.190	15.625
3	21:13:57	459.382	459.382	584.387	317.191	845.338	0.000	467775.750	254.690	29.688
x		442.194	529.177	592.721	322.399	857.838	0.521	468246.110	266.148	19.792
σ		21.022	65.410	32.074	14.769	20.314	0.902	2205.755	10.975	8.606
%RSD		4.754	12.361	5.411	4.581	2.368	173.205	0.471	4.124	43.481

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	21:11:41	1.563	1.563	17.188	25.000	523.447	400.006	35475.243	62756.290	1060561.800
2	21:12:50	6.250	6.250	28.125	15.625	435.944	407.818	35409.455	61792.729	1071049.400
3	21:13:57	3.125	3.125	14.063	25.000	489.071	378.130	35312.340	63156.486	1053692.900
x		3.646	3.646	19.792	21.875	482.821	395.318	35399.012	62568.501	1061768.000
σ		2.387	2.387	7.384	5.413	44.085	15.389	81.952	701.004	8740.911
%RSD		65.465	65.465	37.309	24.744	9.131	3.893	0.232	1.120	0.823

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	21:11:41	1086931.200	120.313	362.505	1401.631	1115.669	2809.651	932145.840	20064.080
2	21:12:50	1102802.900	120.313	332.816	1368.816	1075.040	2750.265	946292.950	19599.373
3	21:13:57	1077554.500	148.438	292.190	1331.312	1101.605	2840.907	940675.490	19793.390
x		1089096.200	129.688	329.170	1367.253	1097.438	2800.275	939704.760	19818.948
σ		12762.683	16.238	35.299	35.186	20.632	46.043	7123.337	233.405
%RSD		1.172	12.521	10.723	2.573	1.880	1.644	0.758	1.178

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	21:19:35	23763.498	40138.079	6431.135	1367.253	37770099.000	28300222.000	3864359.500	4487847.400	6310632.100
2	21:20:43	24258.078	39101.878	6368.607	1403.194	37601885.000	28140419.000	3799151.500	4404104.400	6173650.300
3	21:21:52	24115.650	39049.652	6479.594	1198.488	37081566.000	27888765.000	3807306.300	4414211.000	6171142.500
x		24045.742	39429.870	6426.445	1322.978	37484517.000	28109802.000	3823605.700	4435387.600	6218475.000
σ		254.593	613.883	55.642	109.299	358957.880	207430.310	35528.510	45711.688	79820.283
%RSD		1.059	1.557	0.866	8.262	0.958	0.738	0.929	1.031	1.284

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	21:19:35	75279.072	352132.380	81250.716	497702.590	21514904.000	100056.990	1635316.200	154545.520	51373.457
2	21:20:43	74999.482	345298.250	80457.181	493484.990	21311312.000	97495.620	1610686.500	154943.540	51280.938
3	21:21:52	73243.531	342713.680	80028.219	490131.840	21287753.000	97040.978	1616483.400	156493.110	49946.536
x		74507.362	346714.770	80578.706	493773.140	21371323.000	98197.862	1620828.700	155327.390	50866.977
σ		1103.401	4866.504	620.242	3793.588	124901.450	1626.019	12876.999	1028.972	798.467
%RSD		1.481	1.404	0.770	0.768	0.584	1.656	0.794	0.662	1.570

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	21:19:35	774302.240	724340.640	87174.545	2759824.500	2173370.600	46796601.000	1166819.200	910590.390	197415.630
2	21:20:43	768855.500	714617.270	86122.883	2743645.400	2158106.500	46609481.000	1151433.500	905048.040	195091.840
3	21:21:52	760895.850	710710.690	85937.396	2720807.900	2144495.700	46423049.000	1150058.800	902949.410	193970.480
x		768017.860	716556.200	86411.608	2741425.900	2158657.600	46609710.000	1156103.800	906195.950	195492.650
σ		6742.332	7018.794	667.200	19602.794	14445.330	186776.090	9305.197	3947.709	1757.199
%RSD		0.878	0.980	0.772	0.715	0.669	0.401	0.805	0.436	0.899

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	21:19:35	1000459.500	491470.420	389447.990	172327.430	9650.133	9650.133	32215.450	13390.127	43.750
2	21:20:43	992768.510	482359.850	383084.040	169779.480	9562.574	9562.574	31806.201	13297.332	47.917
3	21:21:52	985232.030	483368.080	381818.000	169751.020	9587.591	9587.591	31761.832	13019.993	35.938
x		992820.010	485732.780	384783.340	170619.310	9600.100	9600.100	31927.828	13235.817	42.535
σ		7613.859	4994.448	4089.002	1479.341	45.100	45.100	250.074	192.582	6.081
%RSD		0.767	1.028	1.063	0.867	0.470	0.470	0.783	1.455	14.297

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	21:19:35	178361.230	318145.760	341220.760	204292.560	524743.320	3.125	445728.010	20722.832	986036.340
2	21:20:43	177673.040	311709.310	339265.640	201490.680	522619.110	7.813	447654.040	20527.237	973341.370
3	21:21:52	176083.230	312969.220	338728.110	202569.850	509399.550	1.563	447700.780	20610.169	965495.830
x		177372.500	314274.760	339738.170	202784.360	518920.660	4.167	447027.610	20620.079	974957.840
σ		1168.360	3411.058	1311.790	1413.201	8313.646	3.253	1125.729	98.173	10365.223
%RSD		0.659	1.085	0.386	0.697	1.602	78.062	0.252	0.476	1.063

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	21:19:35	15664.834	15664.834	953253.970	238562.940	665544.050	1021410.700	896419.300	1596069.700	1032514.800
2	21:20:43	15825.949	15825.949	951423.740	236937.790	652558.850	1003755.600	882235.260	1560355.100	1037531.300
3	21:21:52	15298.812	15298.812	946991.740	234833.150	652444.430	1007352.300	880322.500	1563813.800	1046226.100
x		15596.532	15596.532	950556.480	236777.960	656849.110	1010839.600	886325.690	1573412.900	1038757.400
σ		270.124	270.124	3219.932	1870.024	7530.256	9329.854	8793.487	19697.460	6937.390
%RSD		1.732	1.732	0.339	0.790	1.146	0.923	0.992	1.252	0.668

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	21:19:35	1054391.700	1495605.900	3764640.600	1227481.400	1132765.000	2668791.200	892842.930	6297818.800
2	21:20:43	1059943.300	1488186.200	3714784.100	1215177.600	1127064.500	2617517.700	897034.280	6183466.400
3	21:21:52	1064323.600	1468489.700	3695132.900	1194292.100	1117881.900	2591829.700	899629.130	6114480.600
x		1059552.900	1484094.000	3724852.500	1212317.000	1125903.800	2626046.200	896502.110	6198588.600
σ		4977.422	14013.679	35830.984	16778.525	7509.162	39183.163	3424.258	92599.853
%RSD		0.470	0.944	0.962	1.384	0.667	1.492	0.382	1.494

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	21:27:28	24442.768	24.479	151.563	918.780	246899.680	3869.274	501.571	565.636	2114.219
2	21:28:35	24367.640	35.417	110.938	1031.287	247673.840	3434.788	410.943	462.507	1931.381
3	21:29:44	24816.849	32.292	104.688	923.467	245866.460	2725.260	365.630	370.317	1939.194
x		24542.419	30.729	122.396	957.845	246813.330	3343.107	426.048	466.154	1994.931
σ		240.614	5.634	25.452	63.646	906.780	577.491	69.218	97.710	103.380
%RSD		0.980	18.333	20.795	6.645	0.367	17.274	16.247	20.961	5.182

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	21:27:28	2665.874	2031.394	46901.866	492424.320	394035.310	29.688	2175.166	154703.460	23.438
2	21:28:35	2481.466	2107.968	46809.376	495613.040	395363.440	18.750	2062.649	155354.220	21.875
3	21:29:44	2622.116	2026.706	46749.807	496673.950	394928.210	25.000	2220.485	157215.030	23.438
x		2589.818	2055.356	46820.350	494903.770	394775.660	24.479	2152.767	155757.570	22.917
σ		96.353	45.623	76.621	2211.819	677.083	5.487	81.267	1303.464	0.902
%RSD		3.720	2.220	0.164	0.447	0.172	22.416	3.775	0.837	3.936

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	21:27:28	2078.276	906.279	781.271	7709.892	693.767	134289.160	4352.225	65.625	154.688
2	21:28:35	2097.029	926.593	717.206	7964.720	728.144	132593.750	4285.018	57.813	179.689
3	21:29:44	2053.273	871.902	735.956	7908.438	604.700	132904.430	4438.189	65.625	167.188
x		2076.193	901.591	744.811	7861.017	675.537	133262.440	4358.477	63.021	167.188
σ		21.952	27.645	32.938	133.869	63.709	902.629	76.777	4.511	12.500
%RSD		1.057	3.066	4.422	1.703	9.431	0.677	1.762	7.157	7.477

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	21:27:28	325.004	150.001	189.064	92.188	20.313	20.313	902.633	46.354	45.833
2	21:28:35	426.569	121.876	121.876	83.334	20.313	20.313	917.217	40.104	40.625
3	21:29:44	301.566	150.001	103.125	77.604	15.625	15.625	944.823	43.750	36.458
x		351.046	140.626	138.022	84.375	18.750	18.750	921.558	43.403	40.972
σ		66.446	16.238	45.187	7.347	2.706	2.706	21.427	3.139	4.697
%RSD		18.928	11.547	32.739	8.708	14.434	14.434	2.325	7.233	11.464

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	21:27:28	464.070	743.769	773.458	454.695	1195.363	3.125	458692.930	304.691	67.188
2	21:28:35	296.878	489.071	512.509	318.754	831.274	0.000	454483.420	306.253	65.625
3	21:29:44	195.314	326.566	410.943	226.564	550.011	0.000	462059.800	289.065	26.563
x		318.754	519.802	565.637	333.338	858.882	1.042	458412.050	300.003	53.125
σ		135.707	210.292	187.006	114.762	323.561	1.804	3795.992	9.505	23.017
%RSD		42.574	40.456	33.061	34.428	37.672	173.205	0.828	3.168	43.326

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	21:27:28	1.563	1.563	68.750	12.500	518.759	1767.297	39.063	59.375	1028806.300
2	21:28:35	0.000	0.000	62.500	7.813	395.318	1232.866	26.563	46.875	1017509.000
3	21:29:44	0.000	0.000	34.375	9.375	298.441	998.472	10.938	17.188	1028660.400
x		0.521	0.521	55.208	9.896	404.173	1332.878	25.521	41.146	1024991.900
σ		0.902	0.902	18.311	2.387	110.426	394.049	14.091	21.669	6480.813
%RSD		173.205	173.205	33.167	24.119	27.321	29.564	55.215	52.665	0.632

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	21:27:28	1044422.900	131.251	231.252	96.875	109.375	217.189	903085.760	476.570
2	21:28:35	1046182.400	79.688	251.565	76.563	54.688	164.063	906173.970	285.940
3	21:29:44	1049250.300	73.438	157.813	62.500	56.250	151.563	907888.820	156.251
x		1046618.500	94.792	213.543	78.646	73.438	177.605	905716.180	306.254
σ		2443.072	31.728	49.321	17.282	31.133	34.846	2434.031	161.123
%RSD		0.233	33.472	23.096	21.974	42.393	19.620	0.269	52.611

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	21:35:20	25040.677	30.208	356.254	1970.448	6290205.700	4745086.600	622519.660	734249.650	23597.599
2	21:36:28	24638.416	36.979	335.941	2025.144	6329322.400	4772122.600	631489.840	743589.640	23974.788
3	21:37:36	24888.850	40.104	339.067	2045.459	6357736.500	4764288.800	638556.280	747917.980	24959.285
x		24855.981	35.764	343.754	2013.684	6325754.900	4760499.400	630855.260	741919.090	24177.224
σ		203.135	5.059	10.938	38.796	33906.435	13910.651	8037.121	6985.618	703.052
%RSD		0.817	14.144	3.182	1.927	0.536	0.292	1.274	0.942	2.908

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	21:35:20	807857.850	2475.214	69716.575	503280.490	1925217.600	60066.640	1000933.200	159610.120	189.064
2	21:36:28	815856.230	2401.764	70024.325	503587.920	1936595.000	60777.450	1001343.300	160415.950	184.376
3	21:37:36	818722.830	2395.513	69460.645	505584.750	1939062.100	60997.133	1013256.500	159840.810	173.439
x		814145.630	2424.164	69733.848	504151.050	1933624.900	60613.741	1005177.700	159955.630	182.293
σ		5630.856	44.321	282.236	1251.096	7384.677	486.369	6999.490	415.002	8.018
%RSD		0.692	1.828	0.405	0.248	0.382	0.802	0.696	0.259	4.399

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	21:35:20	3561.381	1223.490	904.716	14748.234	93306.849	282936.890	11148.098	356.254	345.317
2	21:36:28	3661.407	1278.182	779.709	15170.551	95277.605	285230.260	11298.216	337.504	365.630
3	21:37:36	3662.970	1201.613	796.897	15103.292	95085.708	285896.510	11528.087	362.505	407.818
x		3628.586	1234.428	827.107	15007.359	94556.721	284687.890	11324.800	352.088	372.922
σ		58.206	39.439	67.758	226.915	1086.665	1552.566	191.384	13.011	31.882
%RSD		1.604	3.195	8.192	1.512	1.149	0.545	1.690	3.695	8.549

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	21:35:20	3525.435	1717.291	3001.878	1034.412	18.750	18.750	918.780	42.188	39.063
2	21:36:28	3658.281	1776.673	2948.742	1104.730	26.563	26.563	956.803	44.792	40.625
3	21:37:36	3656.718	1811.052	2998.752	1090.146	21.875	21.875	975.554	46.875	42.188
x		3613.478	1768.339	2983.124	1076.430	22.396	22.396	950.379	44.618	40.625
σ		76.251	47.433	29.817	37.111	3.932	3.932	28.927	2.349	1.563
%RSD		2.110	2.682	1.000	3.448	17.558	17.558	3.044	5.264	3.846

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	21:35:20	585.950	698.455	759.395	420.319	1090.667	0.000	458431.610	310.941	154.688
2	21:36:28	567.199	667.203	773.458	435.944	1115.669	0.000	461830.690	237.502	150.001
3	21:37:36	573.449	673.453	723.456	464.070	1076.603	0.000	461112.740	287.503	101.563
x		575.532	679.704	752.103	440.111	1094.313	0.000	460458.350	278.649	135.417
σ		9.547	16.537	25.787	22.171	19.786	0.000	1791.537	37.512	29.412
%RSD		1.659	2.433	3.429	5.038	1.808	0.000	0.389	13.462	21.720

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	21:35:20	10.938	10.938	103.125	56.250	260.940	882.840	34698.338	61252.911	1038237.700
2	21:36:28	6.250	6.250	135.938	45.313	292.190	746.895	35309.207	62511.470	1045866.800
3	21:37:36	3.125	3.125	98.438	29.688	237.502	728.144	35686.706	62746.874	1045470.500
x		6.771	6.771	112.500	43.750	263.544	785.959	35231.417	62170.419	1043191.700
σ		3.932	3.932	20.433	13.350	27.437	84.423	498.755	803.255	4294.807
%RSD		58.076	58.076	18.162	30.514	10.411	10.741	1.416	1.292	0.412

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	21:35:20	1061956.800	351.567	860.963	1257.868	1142.233	2765.893	911560.350	19261.414
2	21:36:28	1074257.000	307.816	745.332	1337.563	1067.227	2761.204	925213.090	19104.954
3	21:37:36	1064137.000	278.128	668.766	1239.116	1090.667	2618.990	921424.950	19417.875
x		1066783.600	312.503	758.354	1278.182	1100.042	2715.362	919399.460	19261.414
σ		6563.337	36.943	96.758	52.273	38.372	83.494	7048.141	156.461
%RSD		0.615	11.822	12.759	4.090	3.488	3.075	0.767	0.812

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	21:43:13	24852.849	23.438	359.380	2487.717	6660751.100	4801501.800	632828.410	741397.160	22768.129
2	21:44:21	24705.720	27.604	395.318	2611.176	6696093.000	4801472.000	636356.630	746861.680	23209.463
3	21:45:29	25078.243	34.375	325.004	2672.125	6636715.300	4792377.300	635990.870	746294.080	24073.391
x		24878.937	28.472	359.900	2590.339	6664519.800	4798450.400	635058.640	744850.980	23350.328
σ		187.627	5.520	35.160	93.953	29867.714	5259.467	1940.072	3004.524	663.935
%RSD		0.754	19.388	9.769	3.627	0.448	0.110	0.305	0.403	2.843

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	21:43:13	823683.650	2329.878	70657.116	506332.420	1937938.700	60835.508	996250.370	162264.780	165.626
2	21:44:21	827359.060	2326.752	70226.878	512260.100	1946529.500	60477.744	1002705.900	161566.300	153.126
3	21:45:29	825486.500	2323.627	70884.803	508782.830	1951265.500	59795.192	999259.390	161676.920	143.751
x		825509.740	2326.752	70589.599	509125.120	1945244.500	60369.482	999405.240	161836.000	154.168
σ		1837.811	3.126	334.119	2978.627	6755.695	528.540	3230.259	375.429	10.975
%RSD		0.223	0.134	0.473	0.585	0.347	0.876	0.323	0.232	7.119

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	21:43:13	3448.854	1254.743	809.398	15001.623	89696.334	289038.480	11512.449	270.315	357.817
2	21:44:21	3548.878	1403.194	881.277	15192.449	89955.770	289422.700	11421.752	262.502	354.692
3	21:45:29	3441.039	1289.121	814.086	15225.297	90182.191	287726.450	11373.275	237.502	398.443
x		3479.591	1315.686	834.920	15139.789	89944.765	288729.210	11435.826	256.773	370.317
σ		60.132	77.709	40.215	120.778	243.115	889.412	70.646	17.140	24.408
%RSD		1.728	5.906	4.817	0.798	0.270	0.308	0.618	6.675	6.591

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	21:43:13	3706.731	1798.551	2622.116	1095.355	25.000	25.000	996.389	52.604	35.938
2	21:44:21	3745.804	1850.120	2504.907	1127.128	10.938	10.938	928.676	50.521	42.188
3	21:45:29	3603.579	1704.789	2425.206	1073.478	21.875	21.875	958.886	38.542	45.833
x		3685.371	1784.487	2517.410	1098.653	19.271	19.271	961.317	47.222	41.320
σ		73.479	73.679	99.048	26.977	7.384	7.384	33.922	7.589	5.005
%RSD		1.994	4.129	3.935	2.455	38.317	38.317	3.529	16.072	12.112

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	21:43:13	426.569	604.700	618.763	392.193	876.589	1.563	459902.780	298.441	70.313
2	21:44:21	471.883	506.259	621.889	356.254	964.095	1.563	466071.380	281.253	68.750
3	21:45:29	439.069	581.262	628.139	395.318	985.972	3.125	466369.960	253.127	48.438
x		445.840	564.074	622.930	381.255	942.219	2.083	464114.710	277.607	62.500
σ		23.403	51.422	4.774	21.708	57.880	0.902	3650.687	22.876	12.204
%RSD		5.249	9.116	0.766	5.694	6.143	43.301	0.787	8.240	19.526

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	21:43:13	3.125	3.125	46.875	45.313	253.127	642.202	34787.617	61814.698	1043254.500
2	21:44:21	10.938	10.938	50.000	20.313	201.564	568.761	34908.223	61486.725	1042648.500
3	21:45:29	1.563	1.563	40.625	35.938	195.314	570.324	34718.700	61615.403	1047183.100
x		5.208	5.208	45.833	33.854	216.668	593.762	34804.847	61638.942	1044362.000
σ		5.023	5.023	4.774	12.630	31.729	41.957	95.929	165.249	2461.862
%RSD		96.437	96.437	10.415	37.306	14.644	7.066	0.276	0.268	0.236

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	21:43:13	1067681.100	218.752	490.633	1448.511	1251.617	3059.703	916208.050	18604.294
2	21:44:21	1065650.000	165.626	401.568	1617.279	1240.679	3062.828	919638.610	18970.400
3	21:45:29	1061760.200	143.751	354.692	1515.705	1265.681	3036.260	920061.450	18721.634
x		1065030.400	176.043	415.631	1527.165	1252.659	3052.930	918636.040	18765.443
σ		3008.694	38.570	69.053	84.966	12.534	14.521	2113.298	186.943
%RSD		0.282	21.910	16.614	5.564	1.001	0.476	0.230	0.996

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	21:51:07	25137.722	20.833	356.254	2439.271	5434422.700	4726519.900	624793.920	732919.840	23741.587
2	21:52:15	25319.292	25.000	323.441	2540.851	5395648.400	4641043.300	617412.860	723619.500	23769.759
3	21:53:23	25541.563	23.958	306.253	2608.051	5435512.800	4724712.800	628050.920	731754.510	23855.839
x		25332.859	23.264	328.650	2529.391	5421861.300	4697425.300	623419.230	729431.280	23789.062
σ		202.262	2.168	25.404	84.972	22707.592	48836.656	5450.631	5066.766	59.522
%RSD		0.798	9.321	7.730	3.359	0.419	1.040	0.874	0.695	0.250

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	21:51:07	803959.390	2162.664	67586.061	505086.320	1846592.000	59812.452	979980.840	160671.930	148.438
2	21:52:15	811271.500	2176.728	68009.940	501801.680	1897682.800	59897.181	979477.720	163072.330	143.751
3	21:53:23	813142.240	2123.595	67298.772	509919.170	1903498.200	59693.205	988402.700	162574.520	140.626
x		809457.710	2154.329	67631.591	505602.390	1882591.000	59800.946	982620.420	162106.260	144.272
σ		4852.687	27.530	357.764	4083.275	31311.348	102.474	5013.918	1266.862	3.932
%RSD		0.599	1.278	0.529	0.808	1.663	0.171	0.510	0.782	2.726

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	21:51:07	3240.993	1160.985	834.399	16507.970	63906.686	314101.480	12020.680	175.001	356.254
2	21:52:15	3244.118	1220.365	854.713	16242.040	64036.955	313325.340	12087.924	198.439	339.067
3	21:53:23	3137.845	1323.499	798.460	16717.589	64135.834	317246.400	11801.748	193.751	310.941
x		3207.652	1234.949	829.191	16489.200	64026.492	314891.070	11970.118	189.064	335.421
σ		60.475	82.233	28.486	238.329	114.932	2076.362	149.639	12.402	22.876
%RSD		1.885	6.659	3.435	1.445	0.180	0.659	1.250	6.560	6.820

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	21:51:07	4017.752	1893.876	2395.513	1023.474	23.438	23.438	906.279	55.208	44.792
2	21:52:15	3969.301	2075.151	2395.513	1032.850	28.125	28.125	934.406	46.875	36.979
3	21:53:23	4014.627	1979.825	2251.740	1044.830	15.625	15.625	997.431	45.313	43.750
x		4000.560	1982.950	2347.589	1033.718	22.396	22.396	946.038	49.132	41.840
σ		27.116	90.678	83.008	10.704	6.315	6.315	46.676	5.320	4.242
%RSD		0.678	4.573	3.536	1.036	28.196	28.196	4.934	10.828	10.138

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	21:51:07	362.505	475.008	493.759	314.066	831.274	1.563	464754.510	293.753	32.813
2	21:52:15	320.316	518.759	492.196	328.129	839.087	3.125	472189.320	248.440	26.563
3	21:53:23	343.754	412.506	546.885	303.128	737.519	0.000	469330.200	265.627	32.813
x		342.192	468.758	510.947	315.108	802.627	1.563	468758.010	269.273	30.729
σ		21.138	53.402	31.134	12.533	56.520	1.563	3750.290	22.876	3.608
%RSD		6.177	11.392	6.093	3.977	7.042	100.000	0.800	8.495	11.743

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	21:51:07	3.125	3.125	34.375	21.875	109.375	475.008	34013.882	60364.768	1042784.500
2	21:52:15	3.125	3.125	17.188	17.188	104.688	471.883	34482.191	60135.680	1058148.600
3	21:53:23	4.688	4.688	20.313	15.625	115.625	520.322	34853.402	61036.362	1055052.000
x		3.646	3.646	23.958	18.229	109.896	489.071	34449.825	60512.270	1051995.000
σ		0.902	0.902	9.155	3.253	5.487	27.109	420.695	468.108	8125.447
%RSD		24.744	24.744	38.214	17.843	4.993	5.543	1.221	0.774	0.772

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	21:51:07	1066425.100	84.375	278.128	1285.995	1143.796	2779.958	913893.170	18039.508
2	21:52:15	1076960.600	96.875	218.752	1295.371	1123.482	2769.018	927994.460	17632.750
3	21:53:23	1074702.800	106.250	253.127	1309.435	1143.796	2706.506	925957.520	18008.218
x		1072696.200	95.834	250.002	1296.934	1137.024	2751.828	922615.050	17893.492
σ		5547.007	10.975	29.811	11.798	11.728	39.629	7621.724	226.350
%RSD		0.517	11.452	11.924	0.910	1.031	1.440	0.826	1.265

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	21:59:01	25159.636	22.917	517.197	2881.541	11884394.000	4968582.800	658935.530	777614.120	29225.176
2	22:00:09	24906.067	24.479	490.633	3215.987	11960006.000	4984935.500	664884.700	779493.770	30927.191
3	22:01:16	24982.763	24.479	520.322	3125.342	11906673.000	4957373.200	660291.340	776183.110	30769.038
x		25016.155	23.958	509.384	3074.290	11917024.000	4970297.200	661370.520	777763.670	30307.135
σ		130.041	0.902	16.314	172.969	38854.153	13860.849	3117.952	1660.388	940.335
%RSD		0.520	3.765	3.203	5.626	0.326	0.279	0.471	0.213	3.103

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	21:59:01	832375.760	2542.414	76064.465	507510.640	2006467.200	62134.833	1026572.700	161706.940	232.814
2	22:00:09	839404.000	2592.423	76276.529	505108.980	2017525.100	62856.730	1044156.000	161680.080	264.065
3	22:01:16	844987.940	2495.530	76631.546	507377.920	2017866.600	62988.559	1040521.800	162032.480	250.002
x		838922.570	2543.456	76324.180	506665.850	2013953.000	62660.041	1037083.500	161806.500	248.961
σ		6319.861	48.455	286.528	1349.918	6485.127	459.595	9282.221	196.162	15.651
%RSD		0.753	1.905	0.375	0.266	0.322	0.733	0.895	0.121	6.287

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	21:59:01	3631.712	1521.956	759.395	16642.501	105562.020	319382.270	11987.840	231.252	404.693
2	22:00:09	3647.341	1643.845	776.584	16895.923	105103.970	318171.320	12399.129	217.189	431.257
3	22:01:16	3498.866	1511.017	801.585	17188.459	105684.800	319327.950	12288.095	209.377	357.817
x		3592.639	1558.939	779.188	16908.961	105450.260	318960.510	12225.021	219.273	397.922
σ		81.585	73.733	21.215	273.213	306.115	684.002	212.775	11.085	37.185
%RSD		2.271	4.730	2.723	1.616	0.290	0.214	1.740	5.056	9.345

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	21:59:01	4308.462	2001.703	2969.059	1181.820	25.000	25.000	995.868	44.792	40.625
2	22:00:09	4233.440	1895.438	2920.611	1226.615	18.750	18.750	970.345	42.708	46.354
3	22:01:16	4142.788	1897.001	2937.802	1172.444	40.625	40.625	950.032	42.188	36.979
x		4228.230	1931.381	2942.491	1193.626	28.125	28.125	972.082	43.229	41.320
σ		82.960	60.906	24.562	28.951	11.267	11.267	22.967	1.378	4.726
%RSD		1.962	3.153	0.835	2.425	40.062	40.062	2.363	3.188	11.438

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	21:59:01	564.074	562.511	610.951	348.442	837.525	0.000	464242.960	265.627	28.125
2	22:00:09	500.009	546.885	593.762	309.378	875.027	1.563	465927.750	275.003	29.688
3	22:01:16	582.824	520.322	614.076	390.630	945.344	0.000	467854.840	290.628	35.938
x		548.969	543.240	606.263	349.483	885.965	0.521	466008.520	277.086	31.250
σ		43.425	21.330	10.938	40.636	54.736	0.902	1807.297	12.630	4.134
%RSD		7.910	3.926	1.804	11.627	6.178	173.205	0.388	4.558	13.229

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	21:59:01	1.563	1.563	14.063	20.313	125.001	490.633	35246.553	62222.714	1050719.800
2	22:00:09	3.125	3.125	9.375	21.875	101.563	481.258	36101.809	62845.745	1046619.000
3	22:01:16	4.688	4.688	25.000	25.000	139.063	412.506	35379.694	63429.566	1060326.500
x		3.125	3.125	16.146	22.396	121.876	461.466	35576.019	62832.675	1052555.100
σ		1.563	1.563	8.018	2.387	18.944	42.659	460.189	603.532	7035.657
%RSD		50.000	50.000	49.661	10.657	15.544	9.244	1.294	0.961	0.668

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	21:59:01	1074013.100	103.125	226.564	5530.758	4775.798	11334.182	921017.050	19716.722
2	22:00:09	1066208.200	104.688	251.565	5582.341	4655.446	11429.570	923499.560	19871.624
3	22:01:16	1075493.500	98.438	245.315	5429.157	4610.119	11645.370	929716.840	19821.554
x		1071904.900	102.084	241.148	5514.085	4680.454	11469.707	924744.490	19803.300
σ		4988.750	3.253	13.011	77.941	85.624	159.429	4481.515	79.048
%RSD		0.465	3.186	5.395	1.413	1.829	1.390	0.485	0.399

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	22:06:54	24671.285	23.438	451.570	2531.474	5790238.500	4629535.800	609680.220	713940.930	25400.687
2	22:08:02	24683.807	27.604	462.507	2590.860	5809175.200	4594636.300	606600.050	720034.040	25291.118
3	22:09:10	24862.241	22.917	456.257	2886.229	5883237.400	4656125.000	612033.980	722203.610	25215.985
x		24739.111	24.653	456.778	2669.521	5827550.300	4626765.700	609438.080	718726.190	25302.596
σ		106.817	2.569	5.487	190.009	49147.082	30837.830	2725.048	4283.783	92.884
%RSD		0.432	10.422	1.201	7.118	0.843	0.667	0.447	0.596	0.367

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	22:06:54	818990.670	2097.029	67446.340	502180.270	1850323.000	58505.494	961303.340	159204.070	160.938
2	22:08:02	814061.170	2134.535	67887.485	501869.630	1862229.100	58428.618	966491.120	161044.840	146.876
3	22:09:10	832163.940	2051.710	68466.802	504358.140	1856435.800	58369.000	972362.330	159523.220	159.376
x		821738.590	2094.424	67933.543	502802.680	1856329.300	58434.370	966718.930	159924.040	155.730
σ		9358.997	41.474	511.788	1355.990	5953.730	68.429	5533.009	983.669	7.708
%RSD		1.139	1.980	0.753	0.270	0.321	0.117	0.572	0.615	4.949

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	22:06:54	3090.959	1210.989	704.705	14178.908	52915.006	278140.950	10782.192	187.501	351.567
2	22:08:02	3169.102	1200.050	692.204	14049.092	52301.817	277092.750	10611.752	193.751	367.192
3	22:09:10	3114.402	1198.488	731.269	14305.597	52778.565	277701.270	10957.326	179.689	389.068
x		3124.821	1203.176	709.393	14177.866	52665.130	277644.990	10783.757	186.980	369.276
σ		40.099	6.811	19.950	128.255	321.949	526.362	172.792	7.046	18.837
%RSD		1.283	0.566	2.812	0.905	0.611	0.190	1.602	3.768	5.101

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	22:06:54	3273.813	1537.583	2147.036	999.514	20.313	20.313	922.426	43.750	42.708
2	22:08:02	3194.107	1611.028	2303.311	971.908	20.313	20.313	919.821	49.479	41.146
3	22:09:10	3273.813	1596.964	2198.607	991.180	21.875	21.875	975.554	40.625	45.833
x		3247.244	1581.858	2216.318	987.534	20.833	20.833	939.267	44.618	43.229
σ		46.018	38.983	79.628	14.160	0.902	0.902	31.453	4.490	2.387
%RSD		1.417	2.464	3.593	1.434	4.330	4.330	3.349	10.064	5.521

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	22:06:54	407.818	532.822	521.885	304.691	820.336	0.000	461253.100	275.003	25.000
2	22:08:02	440.632	487.508	600.013	359.380	909.404	0.000	464940.090	262.502	12.500
3	22:09:10	396.881	475.008	603.138	326.566	850.025	0.000	464943.320	268.753	18.750
x		415.110	498.446	575.012	330.212	859.922	0.000	463712.170	268.753	18.750
σ		22.769	30.420	46.036	27.526	45.351	0.000	2129.616	6.250	6.250
%RSD		5.485	6.103	8.006	8.336	5.274	0.000	0.459	2.326	33.333

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	22:06:54	6.250	6.250	18.750	10.938	120.313	387.505	34089.061	59721.447	1043267.900
2	22:08:02	4.688	4.688	18.750	9.375	100.000	375.005	33832.202	59795.192	1038323.300
3	22:09:10	6.250	6.250	14.063	9.375	107.813	389.068	33966.896	60349.077	1040750.100
x		5.729	5.729	17.188	9.896	109.375	383.859	33962.720	59955.239	1040780.400
σ		0.902	0.902	2.706	0.902	10.246	7.708	128.481	343.061	2472.438
%RSD		15.746	15.746	15.746	9.116	9.368	2.008	0.378	0.572	0.238

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	22:06:54	1058437.600	90.625	235.939	948.469	826.586	2025.144	908103.390	18538.583
2	22:08:02	1062546.800	100.000	203.126	935.968	889.090	1948.570	918355.180	18468.180
3	22:09:10	1069640.100	103.125	220.314	982.846	807.835	1982.950	918218.690	18676.263
x		1063541.500	97.917	219.793	955.761	841.171	1985.555	914892.420	18561.009
σ		5667.103	6.505	16.413	24.275	42.545	38.353	5879.865	105.838
%RSD		0.533	6.644	7.467	2.540	5.058	1.932	0.643	0.570

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	22:14:48	25555.650	16.667	576.574	1526.644	8042239.800	10283820.000	1368337.100	1653300.200	6052.845
2	22:15:57	25691.832	25.000	576.574	1500.079	8209273.900	10435144.000	1385045.800	1676646.400	6179.461
3	22:17:05	25471.125	28.125	610.951	1465.700	8187940.800	10497199.000	1386974.800	1675211.200	6206.035
x		25572.869	23.264	588.033	1497.474	8146484.900	10405388.000	1380119.200	1668385.900	6146.114
σ		111.357	5.923	19.847	30.555	90906.816	109757.500	10249.113	13084.316	81.859
%RSD		0.435	25.461	3.375	2.040	1.116	1.055	0.743	0.784	1.332

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	22:14:48	1285439.400	4327.218	69551.712	508018.860	4555140.200	101861.860	1691356.300	164273.480	87.500
2	22:15:57	1306851.200	4366.292	69872.019	514656.460	4623844.900	104786.020	1723483.700	163876.770	107.813
3	22:17:05	1313099.500	4496.020	70102.833	512234.190	4631191.200	104587.700	1725286.200	164959.440	126.563
x		1301796.700	4396.510	69842.188	511636.500	4603392.100	103745.200	1713375.400	164369.900	107.292
σ		14506.271	88.365	276.769	3358.925	41948.516	1634.026	19090.378	547.735	19.537
%RSD		1.114	2.010	0.396	0.657	0.911	1.575	1.114	0.333	18.209

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	22:14:48	3244.118	2103.280	829.712	7886.551	1567.274	159145.610	10785.320	175.001	637.514
2	22:15:57	3273.813	2000.140	875.027	7863.101	1436.010	161281.870	10882.268	228.127	623.451
3	22:17:05	3472.297	2161.101	893.778	7777.116	1592.276	160517.070	10794.702	189.064	560.949
x		3330.076	2088.174	866.172	7842.256	1531.853	160314.850	10820.763	197.397	607.305
σ		124.059	81.537	32.938	57.618	83.939	1082.391	53.471	27.526	40.757
%RSD		3.725	3.905	3.803	0.735	5.480	0.675	0.494	13.944	6.711

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	22:14:48	1828.242	957.845	929.718	657.828	25.000	25.000	975.554	49.479	41.146
2	22:15:57	2001.703	907.841	928.155	685.433	18.750	18.750	938.573	34.896	38.021
3	22:17:05	1859.496	925.030	862.526	693.767	21.875	21.875	963.053	41.667	43.229
x		1896.480	930.239	906.800	679.009	21.875	21.875	959.060	42.014	40.799
σ		92.456	25.405	38.350	18.811	3.125	3.125	18.811	7.298	2.621
%RSD		4.875	2.731	4.229	2.770	14.286	14.286	1.961	17.370	6.425

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	22:14:48	192.189	210.939	257.815	146.876	329.691	0.000	478455.220	256.252	12.500
2	22:15:57	203.126	267.190	223.439	135.938	345.317	0.000	468967.000	279.690	12.500
3	22:17:05	200.001	256.252	246.877	153.126	373.442	0.000	474921.440	250.002	20.313
x		198.439	244.794	242.710	145.313	349.483	0.000	474114.550	261.982	15.104
σ		5.634	29.825	17.562	8.700	22.171	0.000	4795.299	15.651	4.511
%RSD		2.839	12.184	7.236	5.987	6.344	0.000	1.011	5.974	29.863

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	22:14:48	1.563	1.563	15.625	12.500	101.563	315.628	109549.690	195011.070	1068274.600
2	22:15:57	6.250	6.250	7.813	9.375	98.438	351.567	112146.280	200085.200	1069722.500
3	22:17:05	3.125	3.125	6.250	10.938	79.688	365.630	113273.870	198819.270	1066248.500
x		3.646	3.646	9.896	10.938	93.229	344.275	111656.610	197971.840	1068081.900
σ		2.387	2.387	5.023	1.563	11.831	25.786	1909.771	2641.080	1744.986
%RSD		65.465	65.465	50.756	14.286	12.690	7.490	1.710	1.334	0.163

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	22:14:48	1098556.200	120.313	265.627	229.689	217.189	446.882	936265.060	32967.684
2	22:15:57	1088347.200	107.813	237.502	285.940	189.064	482.821	928870.620	33014.667
3	22:17:05	1087687.100	123.438	232.814	262.502	214.064	523.447	931616.030	33102.370
x		1091530.200	117.188	245.315	259.377	206.772	484.383	932250.570	33028.240
σ		6093.681	8.268	17.747	28.255	15.415	38.306	3737.834	68.361
%RSD		0.558	7.055	7.234	10.894	7.455	7.908	0.401	0.207

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	22:22:45	25701.224	20.833	709.393	3930.228	8695151.300	11641328.000	1532610.300	1844102.000	6576.513
2	22:23:53	25773.228	29.167	825.024	4208.432	8711907.800	11707851.000	1541438.600	1863183.200	6746.905
3	22:25:01	25768.532	26.563	814.086	4363.166	8795087.100	11669675.000	1600533.700	1871228.000	6839.137
x		25747.661	25.521	782.834	4167.276	8734048.700	11672951.000	1558194.200	1859504.400	6720.852
σ		40.285	4.263	63.837	219.384	53520.604	33382.128	36931.846	13932.167	133.236
%RSD		0.156	16.705	8.155	5.264	0.613	0.286	2.370	0.749	1.982

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	22:22:45	1366319.500	2486.154	70010.193	513979.610	2466176.600	123933.700	2171007.200	165868.310	95.313
2	22:23:53	1388356.100	2379.886	70690.091	511000.550	2477476.900	124305.660	2173379.300	166328.300	121.876
3	22:25:01	1383024.200	2498.656	70566.043	520354.260	2486177.900	124863.620	2196313.500	167506.000	137.501
x		1379233.300	2454.899	70422.109	515111.470	2476610.500	124367.660	2180233.300	166567.540	118.230
σ		11496.995	65.263	362.082	4778.478	10028.737	468.050	13976.261	844.651	21.329
%RSD		0.834	2.658	0.514	0.928	0.405	0.376	0.641	0.507	18.040

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	22:22:45	3228.490	1400.069	682.829	13088.806	16667.530	260699.430	14472.953	218.752	446.882
2	22:23:53	3237.867	1442.260	717.206	13231.124	16609.650	261592.090	14391.621	245.315	459.382
3	22:25:01	3133.156	1467.263	703.142	13359.369	16354.669	263328.240	14482.337	223.439	448.445
x		3199.838	1436.531	701.059	13226.433	16543.950	261873.250	14448.970	229.169	451.570
σ		57.938	33.962	17.283	135.342	166.457	1336.768	49.887	14.178	6.811
%RSD		1.811	2.364	2.465	1.023	1.006	0.510	0.345	6.187	1.508

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	22:22:45	1178.174	545.323	23397.269	477.612	26.563	26.563	990.659	46.875	38.542
2	22:23:53	1098.480	562.511	23339.362	454.174	23.438	23.438	1043.267	43.229	44.271
3	22:25:01	1235.991	546.885	23018.530	485.425	26.563	26.563	1006.806	44.792	50.000
x		1170.881	551.573	23251.721	472.404	25.521	25.521	1013.578	44.965	44.271
σ		69.045	9.505	204.014	16.264	1.804	1.804	26.950	1.829	5.729
%RSD		5.897	1.723	0.877	3.443	7.070	7.070	2.659	4.068	12.941

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	22:22:45	151.563	298.441	300.003	156.251	387.505	1.563	472073.080	318.754	15.625
2	22:23:53	165.626	229.689	251.565	164.063	410.943	1.563	469092.900	232.814	23.438
3	22:25:01	154.688	262.502	290.628	154.688	409.381	0.000	476975.710	275.003	20.313
x		157.293	263.544	280.732	158.334	402.610	1.042	472713.900	275.524	19.792
σ		7.384	34.387	25.691	5.023	13.104	0.902	3980.280	42.972	3.932
%RSD		4.695	13.048	9.151	3.172	3.255	86.603	0.842	15.596	19.868

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	22:22:45	1.563	1.563	15.625	10.938	223.439	256.252	107510.850	191123.110	1062686.300
2	22:23:53	4.688	4.688	23.438	20.313	217.189	304.691	107287.300	192378.860	1053320.000
3	22:25:01	1.563	1.563	4.688	17.188	200.001	298.441	106375.830	190928.350	1073881.900
x		2.604	2.604	14.583	16.146	213.543	286.461	107057.990	191476.770	1063296.100
σ		1.804	1.804	9.418	4.774	12.137	26.348	601.248	787.278	10294.527
%RSD		69.282	69.282	64.583	29.565	5.684	9.198	0.562	0.411	0.968

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	22:22:45	1082431.500	168.751	437.507	665.641	565.636	1428.196	924262.220	27438.826
2	22:23:53	1080751.800	182.814	384.380	662.515	675.016	1471.951	927677.990	27537.453
3	22:25:01	1096497.300	175.001	401.568	687.517	662.515	1511.017	933872.040	27430.998
x		1086560.200	175.522	407.818	671.891	634.389	1470.388	928604.080	27469.092
σ		8646.704	7.046	27.109	13.622	59.869	41.433	4871.385	59.331
%RSD		0.796	4.014	6.647	2.027	9.437	2.818	0.525	0.216

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	22:30:40	25705.920	22.396	493.759	3511.369	6837235.500	4765688.800	628183.110	737399.580	44633.680
2	22:31:48	26327.362	22.917	521.885	3673.910	6817208.700	4758629.500	629428.350	741385.650	44221.463
3	22:32:56	25419.470	26.563	535.948	3664.532	6977251.900	4846886.100	640687.660	749777.370	45498.903
x		25817.584	23.958	517.197	3616.604	6877232.100	4790401.500	632766.370	742854.200	44784.682
σ		464.132	2.270	21.482	91.257	87196.620	49044.328	6888.236	6318.217	651.969
%RSD		1.798	9.476	4.153	2.523	1.268	1.024	1.089	0.851	1.456

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	22:30:40	840248.410	2129.846	70583.315	509045.060	1880721.400	59071.880	986775.470	168541.510	301.566
2	22:31:48	851306.380	2139.223	69981.930	508339.330	1896911.900	59500.215	983988.020	167545.520	260.940
3	22:32:56	871485.890	2247.052	71278.944	511317.850	1911868.700	59608.477	1000427.700	166050.090	217.189
x		854346.890	2172.040	70614.730	509567.410	1896500.700	59393.524	990397.060	167379.040	259.898
σ		15839.143	65.131	649.077	1556.450	15577.734	283.763	8797.869	1254.027	42.198
%RSD		1.854	2.999	0.919	0.305	0.821	0.478	0.888	0.749	16.236

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	22:30:40	3011.255	1370.378	662.515	17607.719	61836.668	337158.820	12480.449	234.377	364.067
2	22:31:48	3175.353	1323.499	614.076	17649.959	61370.602	330613.160	12103.563	239.065	364.067
3	22:32:56	2987.812	1361.002	671.891	18020.734	62870.855	336088.730	12499.216	256.252	398.443
x		3058.140	1351.627	649.494	17759.471	62026.042	334620.240	12361.076	243.231	375.526
σ		102.184	24.806	31.029	227.244	767.845	3511.234	223.210	11.518	19.847
%RSD		3.341	1.835	4.777	1.280	1.238	1.049	1.806	4.735	5.285

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	22:30:40	4855.512	2433.020	3545.753	1122.961	15.625	15.625	979.200	42.188	34.375
2	22:31:48	4858.639	2404.890	3680.162	1145.358	21.875	21.875	959.928	51.042	50.521
3	22:32:56	5157.181	2431.457	3781.751	1202.655	14.063	14.063	915.133	45.313	47.917
x		4957.111	2423.122	3669.222	1156.991	17.188	17.188	951.421	46.181	44.271
σ		173.273	15.809	118.379	41.101	4.134	4.134	32.870	4.490	8.668
%RSD		3.495	0.652	3.226	3.552	24.052	24.052	3.455	9.724	19.580

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	22:30:40	478.133	554.698	706.267	351.567	970.345	0.000	481632.800	300.003	17.188
2	22:31:48	504.696	565.636	634.389	354.692	898.466	1.563	477389.180	228.127	25.000
3	22:32:56	434.382	617.201	701.580	395.318	931.280	1.563	477613.690	329.691	31.250
x		472.404	579.178	680.745	367.192	933.364	1.042	478878.550	285.940	24.479
σ		35.506	33.379	40.214	24.408	35.985	0.902	2387.886	52.222	7.046
%RSD		7.516	5.763	5.907	6.647	3.855	86.603	0.499	18.263	28.782

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	22:30:40	4.688	4.688	18.750	25.000	154.688	395.318	34004.485	58993.432	1072783.500
2	22:31:48	7.813	7.813	17.188	40.625	164.063	465.633	33775.819	59086.001	1076080.700
3	22:32:56	3.125	3.125	25.000	20.313	153.126	456.257	34347.492	60683.301	1070946.800
x		5.208	5.208	20.313	28.646	157.293	439.069	34042.598	59587.578	1073270.300
σ		2.387	2.387	4.134	10.636	5.916	38.179	287.736	950.052	2601.311
%RSD		45.826	45.826	20.352	37.128	3.761	8.695	0.845	1.594	0.242

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	22:30:40	1096140.200	134.376	365.630	1420.383	1256.305	3112.839	946751.580	19851.283
2	22:31:48	1094922.200	151.563	296.878	1411.007	1212.552	3011.255	945757.630	19971.763
3	22:32:56	1087355.400	121.876	293.753	1506.329	1282.870	3206.610	933648.760	20286.268
x		1092805.900	135.938	318.754	1445.907	1250.576	3110.235	942052.650	20036.438
σ		4759.395	14.905	40.626	52.537	35.508	97.704	7294.939	224.589
%RSD		0.436	10.965	12.745	3.634	2.839	3.141	0.774	1.121

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	22:38:35	25136.157	24.479	442.194	3508.243	6871235.100	4777712.500	628352.830	737864.900	42367.419
2	22:39:44	25222.246	22.396	506.259	3678.599	6883712.500	4793191.400	627750.640	738374.620	41657.524
3	22:40:52	25582.260	19.271	540.635	3508.243	6864577.600	4756276.300	633187.560	742722.810	42055.562
x		25313.554	22.049	496.363	3565.028	6873175.100	4775726.800	629763.680	739654.110	42026.835
σ		236.654	2.621	49.961	98.355	9713.842	18537.487	2980.418	2669.762	355.819
%RSD		0.935	11.890	10.065	2.759	0.141	0.388	0.473	0.361	0.847

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	22:38:35	850156.470	2212.671	71249.108	504584.680	1890534.800	59034.225	988153.500	165093.790	237.502
2	22:39:44	845686.910	2154.850	70578.605	506549.280	1905414.600	60127.834	993554.830	164184.970	264.065
3	22:40:52	853662.820	2186.105	70832.984	509291.100	1893872.000	60192.167	983904.420	164282.960	235.939
x		849835.400	2184.542	70886.899	506808.350	1896607.100	59784.742	988537.590	164520.570	245.835
σ		3997.635	28.942	338.488	2363.881	7807.860	650.762	4836.652	498.833	15.807
%RSD		0.470	1.325	0.478	0.466	0.412	1.089	0.489	0.303	6.430

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	22:38:35	2970.621	1346.939	676.579	17654.652	62831.620	334094.320	12303.734	225.002	370.317
2	22:39:44	3097.211	1456.324	646.890	17765.727	62304.318	336965.270	12394.437	225.002	370.317
3	22:40:52	3072.205	1303.184	595.325	17920.608	61935.532	334537.320	12170.807	240.627	396.881
x		3046.679	1368.816	639.598	17780.329	62357.157	335198.970	12289.659	230.210	379.172
σ		67.044	78.879	41.115	133.578	450.375	1545.613	112.477	9.021	15.336
%RSD		2.201	5.763	6.428	0.751	0.722	0.461	0.915	3.919	4.045

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	22:38:35	4900.841	2556.479	3669.221	1082.333	23.438	23.438	968.783	52.604	42.188
2	22:39:44	4780.487	2509.595	3844.267	1146.400	10.938	10.938	985.972	41.667	42.708
3	22:40:52	4989.934	2307.999	3836.453	1130.774	10.938	10.938	1012.015	41.146	44.271
x		4890.421	2458.024	3783.314	1119.836	15.104	15.104	988.923	45.139	43.056
σ		105.111	132.024	98.884	33.405	7.217	7.217	21.767	6.470	1.084
%RSD		2.149	5.371	2.614	2.983	47.781	47.781	2.201	14.334	2.518

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	22:38:35	450.007	664.078	629.701	334.379	943.781	1.563	473251.750	307.816	28.125
2	22:39:44	443.757	523.447	698.455	401.568	935.968	0.000	472410.520	303.128	12.500
3	22:40:52	475.008	526.572	570.324	350.004	995.347	0.000	476257.000	309.378	26.563
x		456.257	571.366	632.827	361.984	958.366	0.521	473973.090	306.774	22.396
σ		16.536	80.306	64.122	35.160	32.264	0.902	2022.152	3.253	8.606
%RSD		3.624	14.055	10.133	9.713	3.367	173.205	0.427	1.060	38.425

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	22:38:35	9.375	9.375	31.250	26.563	92.188	510.947	33816.540	60228.256	1049705.400
2	22:39:44	4.688	4.688	18.750	34.375	68.750	481.258	33793.047	60548.355	1057027.800
3	22:40:52	4.688	4.688	37.500	32.813	78.125	473.445	34076.531	59835.988	1066048.500
x		6.250	6.250	29.167	31.250	79.688	488.550	33895.373	60204.199	1057593.900
σ		2.706	2.706	9.547	4.134	11.797	19.785	157.327	356.792	8186.221
%RSD		43.301	43.301	32.733	13.229	14.804	4.050	0.464	0.593	0.774

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	22:38:35	1077949.900	148.438	417.194	1487.577	1325.061	3175.353	925612.780	20151.703
2	22:39:44	1083382.500	160.938	320.316	1490.703	1229.740	3195.670	923059.970	20757.257
3	22:40:52	1079449.200	115.625	301.566	1545.396	1284.433	3098.774	934790.210	19959.246
x		1080260.500	141.667	346.358	1507.892	1279.745	3156.599	927820.990	20289.402
σ		2805.655	23.403	62.057	32.517	47.833	51.098	6169.012	416.445
%RSD		0.260	16.520	17.917	2.156	3.738	1.619	0.665	2.053

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	22:46:31	25477.386	23.958	135.938	1546.959	1577953.200	929050.520	127276.970	149517.430	9661.078
2	22:47:40	25395.991	23.438	118.750	1446.948	1570692.000	916950.360	125929.160	147237.690	10133.280
3	22:48:48	25663.656	17.708	154.688	1501.641	1611241.100	947141.840	128643.810	150556.380	9847.143
x		25512.344	21.701	136.459	1498.516	1586628.700	931047.570	127283.310	149103.830	9880.500
σ		137.214	3.468	17.975	50.078	21621.895	15194.493	1357.337	1697.567	237.862
%RSD		0.538	15.980	13.172	3.342	1.363	1.632	1.066	1.139	2.407

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	22:46:31	171476.130	1970.448	51829.789	505924.590	683588.730	12131.712	198996.720	165084.310	71.875
2	22:47:40	170676.010	1981.387	52243.793	504707.660	682940.040	11978.457	196916.630	166216.070	60.938
3	22:48:48	173683.810	2061.086	52446.094	506675.510	685875.790	11898.703	202262.410	162560.300	60.938
x		171945.310	2004.307	52173.225	505769.260	684134.850	12002.957	199391.920	164620.220	64.583
σ		1557.825	49.475	314.154	993.080	1542.187	118.420	2694.717	1871.548	6.315
%RSD		0.906	2.468	0.602	0.196	0.225	0.987	1.351	1.137	9.778

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	22:46:31	1876.686	1092.229	643.765	9972.229	13353.113	193861.200	5840.256	104.688	235.939
2	22:47:40	1853.245	1009.411	571.886	10289.642	12832.323	192084.310	6099.740	73.438	239.065
3	22:48:48	1859.496	1020.349	581.262	10055.100	12891.752	193812.100	6037.213	71.875	235.939
x		1863.142	1040.663	598.971	10105.657	13025.729	193252.540	5992.403	83.334	236.981
σ		12.138	44.991	39.075	164.635	285.075	1012.011	135.421	18.510	1.804
%RSD		0.651	4.323	6.524	1.629	2.189	0.524	2.260	22.212	0.761

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	22:46:31	1285.995	545.323	873.464	285.940	26.563	26.563	926.593	49.479	41.146
2	22:47:40	1142.233	656.265	868.776	273.440	23.438	23.438	941.698	53.125	43.229
3	22:48:48	1164.110	548.448	835.962	258.336	17.188	17.188	973.471	43.229	38.021
x		1197.446	583.345	859.401	272.572	22.396	22.396	947.254	48.611	40.799
σ		77.462	63.170	20.434	13.823	4.774	4.774	23.928	5.005	2.621
%RSD		6.469	10.829	2.378	5.071	21.314	21.314	2.526	10.295	6.425

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	22:46:31	103.125	126.563	189.064	95.313	223.439	1.563	472770.580	281.253	20.313
2	22:47:40	107.813	139.063	134.376	57.813	207.814	0.000	481170.740	282.815	9.375
3	22:48:48	114.063	157.813	162.501	98.438	250.002	1.563	471767.930	306.253	12.500
x		108.334	141.147	161.980	83.854	227.085	1.042	475236.420	290.107	14.063
σ		5.487	15.729	27.348	22.607	21.329	0.902	5163.668	14.005	5.634
%RSD		5.065	11.144	16.883	26.960	9.393	86.603	1.087	4.827	40.062

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	22:46:31	6.250	6.250	21.875	4.688	85.938	139.063	6723.457	11839.279	1042943.900
2	22:47:40	0.000	0.000	12.500	14.063	92.188	112.500	6792.239	11792.365	1071323.600
3	22:48:48	0.000	0.000	17.188	4.688	92.188	129.688	6846.953	12172.371	1054578.200
x		2.083	2.083	17.188	7.813	90.104	127.084	6787.550	11934.672	1056281.900
σ		3.608	3.608	4.688	5.413	3.608	13.471	61.881	207.186	14266.319
%RSD		173.205	173.205	27.273	69.282	4.005	10.600	0.912	1.736	1.351

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	22:46:31	1071209.200	48.438	142.188	345.317	300.003	1651.658	923960.820	3934.917
2	22:47:40	1085129.800	70.313	156.251	306.253	307.816	710.955	939105.190	3870.837
3	22:48:48	1070242.200	67.188	153.126	317.191	270.315	734.394	919467.150	4044.322
x		1075527.000	61.979	150.522	322.920	292.711	1032.336	927511.050	3950.025
σ		8330.244	11.831	7.384	20.152	19.785	536.477	10289.133	87.724
%RSD		0.775	19.089	4.906	6.241	6.759	51.967	1.109	2.221

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	22:54:26	24963.980	39775.087	6510.858	1351.626	37519552.000	28556503.000	3901897.400	4500025.800	6330888.300
2	22:55:34	24650.938	39083.599	6418.629	1429.759	36579572.000	27958991.000	3826180.400	4429027.200	6243828.400
3	22:56:42	24502.245	39938.563	6398.307	1357.877	37498345.000	28386225.000	3908359.100	4550619.200	6340522.000
x		24705.721	39599.083	6442.598	1379.754	37199156.000	28300573.000	3878812.300	4493224.100	6305079.600
σ		235.692	453.843	59.982	43.418	536680.700	307826.900	45694.914	61080.720	53263.349
%RSD		0.954	1.146	0.931	3.147	1.443	1.088	1.178	1.359	0.845

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	22:54:26	76805.917	349536.980	79173.477	492353.180	21376426.000	98707.021	1624066.100	158804.340	51382.866
2	22:55:34	76073.890	342918.510	79509.711	481631.180	21237177.000	96745.232	1602491.900	160118.890	49592.179
3	22:56:42	77943.302	347599.940	79877.379	484219.640	21363407.000	97341.449	1624005.000	159058.710	50670.955
x		76941.036	346685.150	79520.189	486068.000	21325670.000	97597.901	1616854.300	159327.320	50548.667
σ		942.002	3402.747	352.068	5594.874	76913.178	1005.724	12438.278	697.225	901.585
%RSD		1.224	0.982	0.443	1.151	0.361	1.030	0.769	0.438	1.784

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	22:54:26	776349.620	720820.690	85946.827	2754456.100	2182158.600	47049816.000	1152610.500	909001.660	197108.300
2	22:55:34	759976.950	706117.690	84286.981	2702454.300	2143339.700	46202483.000	1139976.500	890141.280	192001.970
3	22:56:42	772736.400	721763.430	85492.551	2741016.500	2175595.600	47067214.000	1154587.500	906142.370	195262.910
x		769687.650	716233.940	85242.120	2732642.300	2167031.300	46773171.000	1149058.100	901761.770	194791.060
σ		8601.583	8773.598	857.793	26993.339	20778.272	494306.890	7926.833	10164.678	2585.663
%RSD		1.118	1.225	1.006	0.988	0.959	1.057	0.690	1.127	1.327

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	22:54:26	998650.170	487377.470	380690.050	170935.860	9728.311	9728.311	31897.550	13238.423	36.979
2	22:55:34	978625.290	477691.210	373422.270	167399.560	9731.438	9731.438	31416.799	13044.495	45.833
3	22:56:42	993999.870	486667.950	377743.040	169826.910	9631.371	9631.371	31909.034	13285.341	42.708
x		990425.110	483912.210	377285.120	169387.440	9697.040	9697.040	31741.128	13189.420	41.840
σ		10480.128	5399.210	3655.466	1808.647	56.893	56.893	280.936	127.682	4.490
%RSD		1.058	1.116	0.969	1.068	0.587	0.587	0.885	0.968	10.732

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	22:54:26	176910.540	313210.360	339907.190	199728.700	514196.590	6.250	449269.200	20638.335	970402.770
2	22:55:34	175565.980	308701.290	333161.990	197127.310	504908.320	0.000	457163.820	19863.800	954370.240
3	22:56:42	177389.870	314082.310	339788.790	201058.090	517582.830	3.125	449581.930	20470.907	975366.480
x		176622.130	311997.990	337619.320	199304.700	512229.240	3.125	452004.980	20324.347	966713.160
σ		945.530	2888.121	3860.619	1999.395	6562.287	3.125	4470.419	407.536	10973.626
%RSD		0.535	0.926	1.143	1.003	1.281	100.000	0.989	2.005	1.135

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	22:54:26	15128.319	15128.319	942937.890	233823.030	643172.220	983459.690	884553.480	1558961.400	1027079.100
2	22:55:34	15134.575	15134.575	929950.060	228710.000	640462.260	971705.770	872929.520	1536990.800	1043098.400
3	22:56:42	15780.586	15780.586	942421.030	233397.400	649394.440	988280.610	880008.720	1552337.200	1025556.600
x		15347.827	15347.827	938436.330	231976.810	644342.970	981148.690	879163.910	1549429.800	1031911.300
σ		374.794	374.794	7353.863	2837.134	4579.732	8525.659	5857.845	11270.167	9718.110
%RSD		2.442	2.442	0.784	1.223	0.711	0.869	0.666	0.727	0.942

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	22:54:26	1050642.600	1455276.900	3654924.300	1187230.500	1105560.600	2576975.400	887931.820	6097047.900
2	22:55:34	1067829.000	1443408.600	3608017.300	1167838.200	1089849.200	2553899.800	899401.380	5992798.100
3	22:56:42	1049809.500	1454767.800	3642575.700	1186754.200	1100959.200	2559448.900	883389.340	6151928.100
x		1056093.700	1451151.100	3635172.400	1180607.700	1098789.700	2563441.400	890240.850	6080591.400
σ		10171.627	6710.033	24314.057	11061.218	8077.257	12044.695	8251.973	80831.277
%RSD		0.963	0.462	0.669	0.937	0.735	0.470	0.927	1.329

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	23:02:19	25219.116	26.563	121.876	978.158	234528.200	4144.351	515.634	626.576	2112.656
2	23:03:27	25488.343	27.604	100.000	946.906	238767.880	3878.652	478.133	546.885	2090.778
3	23:04:35	24827.806	26.042	92.188	998.472	243587.290	8393.090	1100.042	1207.864	2953.430
x		25178.421	26.736	104.688	974.512	238961.120	5472.031	697.937	793.775	2385.622
σ		332.143	0.796	15.389	25.976	4532.635	2533.197	348.738	360.818	491.858
%RSD		1.319	2.976	14.700	2.666	1.897	46.294	49.967	45.456	20.618

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	23:02:19	2609.613	2107.968	45873.535	491441.320	385760.890	28.125	2165.789	159068.190	20.313
2	23:03:27	2765.893	2090.778	46340.664	492311.140	389744.990	37.500	2036.083	161457.270	26.563
3	23:04:35	2481.466	2117.344	46412.773	495276.670	392565.990	42.188	2304.873	159472.660	34.375
x		2618.991	2105.363	46208.991	493009.710	389357.290	35.938	2168.915	159999.370	27.083
σ		142.445	13.473	292.742	2010.841	3419.075	7.160	134.423	1278.668	7.046
%RSD		5.439	0.640	0.634	0.408	0.878	19.924	6.198	0.799	26.015

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	23:02:19	1643.845	879.715	523.447	8078.846	820.336	141132.780	4374.107	114.063	187.501
2	23:03:27	1717.291	937.531	567.199	7881.861	773.458	140945.000	4586.674	101.563	176.564
3	23:04:35	1687.600	1007.848	571.886	8363.385	1079.728	147139.810	4630.438	212.502	207.814
x		1682.912	941.698	554.177	8108.031	891.174	143072.530	4530.406	142.709	190.626
σ		36.947	64.168	26.716	242.085	164.966	3523.617	137.116	60.764	15.858
%RSD		2.195	6.814	4.821	2.986	18.511	2.463	3.027	42.579	8.319

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	23:02:19	381.255	120.313	139.063	83.854	12.500	12.500	956.282	45.833	40.104
2	23:03:27	398.443	153.126	145.313	74.479	17.188	17.188	940.656	44.792	38.021
3	23:04:35	451.570	193.751	181.251	97.396	17.188	17.188	952.636	47.396	33.854
x		410.423	155.730	155.209	85.243	15.625	15.625	949.858	46.007	37.326
σ		36.656	36.788	22.768	11.521	2.706	2.706	8.175	1.311	3.182
%RSD		8.931	23.623	14.670	13.516	17.321	17.321	0.861	2.849	8.526

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	23:02:19	439.069	650.015	789.084	435.944	1164.110	0.000	459444.640	268.753	85.938
2	23:03:27	284.378	485.946	515.634	335.941	826.586	1.563	467812.880	257.815	75.000
3	23:04:35	270.315	396.881	432.819	312.503	765.646	0.000	464226.820	279.690	220.314
x		331.254	510.947	579.179	361.463	918.781	0.521	463828.110	268.753	127.084
σ		93.635	128.406	186.440	65.558	214.635	0.902	4198.342	10.938	80.925
%RSD		28.267	25.131	32.190	18.137	23.361	173.205	0.905	4.070	63.678

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	23:02:19	9.375	9.375	89.063	17.188	531.260	1831.367	35.938	95.313	1021958.900
2	23:03:27	1.563	1.563	76.563	9.375	420.319	1328.187	29.688	117.188	1041015.300
3	23:04:35	1.563	1.563	217.189	39.063	481.258	1104.730	157.813	317.191	1027545.300
x		4.167	4.167	127.605	21.875	477.612	1421.428	74.479	176.564	1030173.100
σ		4.511	4.511	77.834	15.389	55.560	372.184	72.237	122.277	9796.234
%RSD		108.253	108.253	60.996	70.349	11.633	26.184	96.989	69.254	0.951

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	23:02:19	1046268.000	157.813	323.441	132.813	117.188	282.815	903993.700	521.885
2	23:03:27	1057098.400	114.063	275.003	118.750	103.125	257.815	911184.340	381.255
3	23:04:35	1042855.000	346.879	759.395	254.690	245.315	589.075	908539.210	1171.923
x		1048740.500	206.252	452.613	168.751	155.209	376.568	907905.750	691.688
σ		7436.630	123.736	266.783	74.756	78.350	184.460	3636.932	421.798
%RSD		0.709	59.993	58.943	44.300	50.480	48.984	0.401	60.981

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	23:18:05	22616.326	38.542	4533.532	1801.676	291868020.000	8942217.500	1183117.200	1367930.500	58252.902
2	23:19:13	22860.464	29.688	4558.540	1753.233	291840520.000	8930322.800	1187047.500	1383580.700	57506.136
3	23:20:21	22846.379	29.167	4682.017	1895.438	292698570.000	8930551.200	1183247.700	1387462.700	58044.243
x		22774.390	32.465	4591.363	1816.782	292135700.000	8934363.800	1184470.800	1379658.000	57934.427
σ		137.068	5.269	79.498	72.296	487651.460	6802.411	2232.421	10340.113	385.305
%RSD		0.602	16.229	1.731	3.979	0.167	0.076	0.188	0.749	0.665

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	23:18:05	1880703.600	26829.858	603712.770	2114379.500	10813010.000	115124.520	2029155.200	148876.410	3822.386
2	23:19:13	1895796.700	26868.994	601176.280	2127262.700	10652141.000	113525.860	2011485.900	150216.900	3963.050
3	23:20:21	1896166.900	26972.314	601992.400	2147492.000	10793615.000	114398.410	2016542.600	149119.550	3759.870
x		1890889.100	26890.389	602293.820	2129711.400	10752922.000	114349.590	2019061.200	149404.290	3848.435
σ		8822.797	73.598	1294.829	16691.524	87815.948	800.444	9099.935	714.164	104.065
%RSD		0.467	0.274	0.215	0.784	0.817	0.700	0.451	0.478	2.704

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	23:18:05	160817.300	5563.583	42857.942	98950.887	3510938.000	1759260.500	49744.269	1462.575	2079.839
2	23:19:13	169831.660	5530.758	45541.225	100456.650	3495363.200	1755915.300	49759.949	1312.560	2001.703
3	23:20:21	174057.060	5504.185	47549.314	98958.754	3528862.100	1756633.600	49774.060	1393.818	2067.337
x		168235.340	5532.842	45316.160	99455.432	3511721.100	1757269.800	49759.426	1389.651	2049.626
σ		6762.691	29.754	2353.770	867.093	16763.149	1761.031	14.902	75.094	41.971
%RSD		4.020	0.538	5.194	0.872	0.477	0.100	0.030	5.404	2.048

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	23:18:05	6198.219	2840.907	4530.406	13816.053	710.955	710.955	871.381	46.354	27.604
2	23:19:13	6476.468	2604.925	4671.076	14145.542	803.148	803.148	901.070	46.354	43.229
3	23:20:21	6420.192	2794.023	4821.126	14228.436	840.650	840.650	866.693	54.688	45.313
x		6364.960	2746.619	4674.203	14063.344	784.918	784.918	879.715	49.132	38.715
σ		147.117	124.929	145.385	218.134	66.741	66.741	18.642	4.811	9.679
%RSD		2.311	4.548	3.110	1.551	8.503	8.503	2.119	9.793	25.000

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	23:18:05	7931.889	450.007	1898.564	304.691	731.269	4.688	416364.810	367.192	206.251
2	23:19:13	7806.820	421.881	1751.670	262.502	762.520	3.125	414787.080	370.317	218.752
3	23:20:21	7970.973	476.570	1818.866	303.128	721.893	3.125	413987.830	342.192	193.751
x		7903.227	449.486	1823.033	290.107	738.561	3.646	415046.580	359.900	206.251
σ		85.748	27.348	73.535	23.919	21.273	0.902	1209.549	15.416	12.500
%RSD		1.085	6.084	4.034	8.245	2.880	24.744	0.291	4.283	6.061

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	23:18:05	42.188	42.188	203.126	67.188	556.261	1634.469	38045.907	66815.260	977488.810
2	23:19:13	57.813	57.813	146.876	68.750	568.761	1590.714	37196.801	66020.955	967812.140
3	23:20:21	35.938	35.938	151.563	59.375	565.636	1567.274	37503.852	66711.653	972622.950
x		45.313	45.313	167.189	65.104	563.553	1597.485	37582.187	66515.956	972641.300
σ		11.267	11.267	31.211	5.023	6.505	34.105	429.939	431.802	4838.357
%RSD		24.866	24.866	18.668	7.715	1.154	2.135	1.144	0.649	0.497

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	23:18:05	992193.020	529.697	1350.064	2143.911	1684.474	4249.069	833732.810	34023.280
2	23:19:13	991145.820	435.944	1004.723	2101.717	1787.612	3991.183	828753.700	33340.423
3	23:20:21	992788.590	392.193	976.596	2006.391	1670.410	4374.107	824758.720	33887.019
x		992042.470	452.611	1110.461	2084.006	1714.165	4204.786	829081.740	33750.240
σ		831.667	70.251	207.978	70.450	63.994	195.265	4496.029	361.393
%RSD		0.084	15.521	18.729	3.381	3.733	4.644	0.542	1.071

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	23:25:59	22599.111	34.375	5516.690	3630.149	331499840.000	7886811.200	1025886.900	1211773.100	147613.410
2	23:27:07	22851.074	26.042	5461.981	3789.565	326175080.000	7789896.700	1028434.000	1209701.800	148375.930
3	23:28:15	22268.906	33.333	5491.680	3756.744	331751600.000	7897871.800	1038568.300	1219247.200	149024.820
x		22573.030	31.250	5490.117	3725.486	329808840.000	7858193.300	1030963.100	1213574.000	148338.050
σ		291.959	4.541	27.388	84.180	3149445.500	59404.542	6708.336	5021.051	706.470
%RSD		1.293	14.530	0.499	2.260	0.955	0.756	0.651	0.414	0.476

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	23:25:59	1604403.700	33019.366	644529.830	2139969.400	15340640.000	89965.204	1486718.000	146271.590	5019.632
2	23:27:07	1612398.800	32443.048	643312.710	2154441.000	15230743.000	88460.539	1472305.600	150730.070	5133.735
3	23:28:15	1616382.300	33190.073	651395.000	2201319.200	15456253.000	89980.928	1493598.900	147381.340	4924.286
x		1611061.600	32884.162	646412.520	2165243.200	15342545.000	89468.890	1484207.500	148127.670	5025.884
σ		6100.200	391.436	4357.662	32069.658	112766.940	873.293	10866.332	2321.051	104.864
%RSD		0.379	1.190	0.674	1.481	0.735	0.976	0.732	1.567	2.086

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	23:25:59	164678.100	7622.346	44828.037	74181.163	5497102.900	1300983.000	37174.869	865.651	1489.140
2	23:27:07	171118.760	7542.616	47312.592	74134.045	5459278.400	1291318.600	37190.534	703.142	1512.580
3	23:28:15	175559.650	7952.213	47519.527	74746.599	5543019.300	1312446.600	37972.274	803.148	1459.450
x		170452.170	7705.725	46553.385	74353.936	5499800.200	1301582.700	37445.892	790.647	1487.057
σ		5471.319	217.155	1497.774	340.872	41935.565	10576.736	455.927	81.972	26.626
%RSD		3.210	2.818	3.217	0.458	0.762	0.813	1.218	10.368	1.791

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	23:25:59	2972.184	1143.796	1220.365	7355.539	810.961	810.961	809.398	39.583	42.188
2	23:27:07	2954.993	1206.301	1107.856	7496.237	885.965	885.965	850.546	57.813	38.021
3	23:28:15	2989.375	1171.923	1184.424	7607.233	950.032	950.032	784.397	33.854	40.625
x		2972.184	1174.007	1170.881	7486.336	882.319	882.319	814.780	43.750	40.278
σ		17.191	31.305	57.464	126.139	69.607	69.607	33.402	12.511	2.105
%RSD		0.578	2.666	4.908	1.685	7.889	7.889	4.099	28.596	5.226

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	23:25:59	7845.904	203.126	1493.828	128.126	367.192	1.563	406375.440	359.380	117.188
2	23:27:07	7686.442	207.814	1495.391	145.313	378.130	0.000	417304.130	390.630	110.938
3	23:28:15	7706.766	221.877	1550.084	184.376	331.254	4.688	401779.400	354.692	121.876
x		7746.371	210.939	1513.101	152.605	358.859	2.083	408486.320	368.234	116.667
σ		86.795	9.758	32.038	28.826	24.524	2.387	7974.723	19.537	5.487
%RSD		1.120	4.626	2.117	18.889	6.834	114.564	1.952	5.306	4.703

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	23:25:59	37.500	37.500	95.313	39.063	335.941	1223.490	33398.370	58492.943	952526.520
2	23:27:07	54.688	54.688	71.875	21.875	379.693	1135.983	32859.623	57834.018	965884.920
3	23:28:15	50.000	50.000	70.313	43.750	381.255	1129.732	33157.184	58681.212	936740.040
x		47.396	47.396	79.167	34.896	365.630	1163.068	33138.393	58336.058	951717.160
σ		8.885	8.885	14.005	11.517	25.723	52.420	269.865	444.853	14589.287
%RSD		18.746	18.746	17.690	33.005	7.035	4.507	0.814	0.763	1.533

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	23:25:59	975929.620	225.002	517.197	1489.140	1265.681	2961.244	812337.400	15314.454
2	23:27:07	1000136.400	157.813	342.192	1487.577	1201.613	2887.792	827218.440	14796.722
3	23:28:15	966761.660	153.126	431.257	1406.319	1214.114	2959.682	804773.680	15106.420
x		980942.570	178.647	430.215	1461.012	1227.136	2936.239	814776.510	15072.532
σ		17242.859	40.213	87.507	47.372	33.961	41.964	11419.445	260.525
%RSD		1.758	22.510	20.340	3.242	2.768	1.429	1.402	1.728

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	23:33:53	22318.984	29.167	5518.253	2031.394	303447480.000	7911245.900	1037309.800	1218893.900	144475.320
2	23:35:02	22375.322	35.938	5699.574	2151.725	300878340.000	7802545.900	1021474.400	1205782.600	142568.810
3	23:36:10	22154.666	38.542	5532.321	2100.154	302660980.000	7887774.300	1031966.200	1207490.000	143962.370
x		22282.990	34.549	5583.383	2094.424	302328930.000	7867188.700	1030250.100	1210722.100	143668.830
σ		114.647	4.839	100.870	60.369	1316363.400	57199.174	8055.949	7128.213	986.569
%RSD		0.515	14.007	1.807	2.882	0.435	0.727	0.782	0.589	0.687

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	23:33:53	2049215.900	40800.368	591925.170	2141094.500	12698129.000	93086.670	1533718.700	145198.220	6041.902
2	23:35:02	2062972.400	40065.480	593774.600	2143830.000	12442088.000	91729.496	1520058.500	146137.410	6226.357
3	23:36:10	2070066.600	40295.814	595998.780	2165735.900	12590126.000	92525.227	1528307.300	145603.880	5763.663
x		2060751.600	40387.220	593899.520	2150220.100	12576781.000	92447.131	1527361.500	145646.500	6010.641
σ		10601.262	375.874	2039.674	13506.467	128540.760	681.949	6879.025	471.044	232.926
%RSD		0.514	0.931	0.343	0.628	1.022	0.738	0.450	0.323	3.875

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	23:33:53	172225.690	9401.530	45997.370	84151.813	8760238.900	1471170.600	41938.030	864.089	2300.185
2	23:35:02	181338.990	9479.707	49150.030	82831.631	8718287.600	1463588.600	40828.573	812.523	2231.424
3	23:36:10	185260.700	9639.188	49973.191	84338.849	8727287.000	1468187.400	41265.764	846.900	2301.748
x		179608.460	9506.808	48373.530	83774.098	8735271.200	1467648.800	41344.123	841.171	2277.786
σ		6687.596	121.125	2098.572	821.540	22085.911	3819.602	558.864	26.256	40.158
%RSD		3.723	1.274	4.338	0.981	0.253	0.260	1.352	3.121	1.763

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	23:33:53	2465.838	895.341	1889.187	8281.045	865.651	865.651	823.982	65.104	35.938
2	23:35:02	2282.995	868.776	1814.178	8338.370	906.279	906.279	822.420	53.125	41.146
3	23:36:10	2372.072	909.404	1790.737	8340.455	957.845	957.845	833.879	35.417	34.896
x		2373.635	891.174	1831.367	8319.957	909.925	909.925	826.760	51.215	37.326
σ		91.431	20.632	51.427	33.714	46.205	46.205	6.214	14.936	3.348
%RSD		3.852	2.315	2.808	0.405	5.078	5.078	0.752	29.162	8.971

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	23:33:53	8172.650	193.751	1590.714	145.313	289.065	3.125	399825.720	373.442	65.625
2	23:35:02	8160.142	196.876	1636.031	115.625	335.941	1.563	400388.020	375.005	65.625
3	23:36:10	8216.425	181.251	1559.460	150.001	290.628	6.250	402987.730	365.630	100.000
x		8183.072	190.626	1595.402	136.980	305.212	3.646	401067.150	371.359	77.084
σ		29.553	8.268	38.500	18.641	26.624	2.387	1686.860	5.023	19.847
%RSD		0.361	4.337	2.413	13.609	8.723	65.465	0.421	1.353	25.747

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	23:33:53	57.813	57.813	65.625	26.563	437.507	768.771	30003.349	52628.012	945712.600
2	23:35:02	31.250	31.250	59.375	23.438	423.444	812.523	29142.194	52441.390	943471.450
3	23:36:10	53.125	53.125	35.938	15.625	437.507	820.336	29649.486	52624.875	941442.370
x		47.396	47.396	53.646	21.875	432.819	800.543	29598.343	52564.759	943542.140
σ		14.178	14.178	15.651	5.634	8.119	27.792	432.849	106.852	2135.993
%RSD		29.914	29.914	29.175	25.754	1.876	3.472	1.462	0.203	0.226

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	23:33:53	966245.630	137.501	237.502	904.716	725.018	1742.294	797686.030	9540.685
2	23:35:02	969632.720	95.313	293.753	953.157	707.830	1704.789	808180.010	9576.646
3	23:36:10	972449.200	109.375	220.314	868.776	768.771	1820.429	799948.030	9684.532
x		969442.520	114.063	250.523	908.883	733.873	1755.837	801938.020	9600.621
σ		3106.157	21.481	38.412	42.344	31.420	58.997	5522.767	74.860
%RSD		0.320	18.833	15.333	4.659	4.281	3.360	0.689	0.780

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	23:41:48	22483.304	42.708	4450.693	2865.912	338580480.000	7552847.800	995847.100	1174314.800	187122.230
2	23:42:56	22344.023	35.938	4531.969	2900.294	337436210.000	7611248.700	1002061.400	1184156.000	186642.580
3	23:44:04	22121.802	34.375	4552.288	2998.752	337806540.000	7586476.500	991152.510	1172436.700	187036.750
x		22316.376	37.674	4511.650	2921.653	337941080.000	7583524.300	996353.680	1176969.200	186933.850
σ		182.329	4.430	53.759	68.947	583876.060	29312.163	5472.078	6294.444	255.845
%RSD		0.817	11.758	1.192	2.360	0.173	0.387	0.549	0.535	0.137

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	23:41:48	1731294.200	39620.491	467288.310	2113320.600	17357716.000	92853.912	1522252.900	147307.150	6381.112
2	23:42:56	1739149.200	40212.768	467057.510	2139793.000	17319354.000	91043.881	1512418.900	147859.690	6528.054
3	23:44:04	1758642.800	39673.764	462779.420	2152896.800	17253943.000	90976.264	1517874.900	148276.470	6640.606
x		1743028.700	39835.674	465708.410	2135336.800	17310338.000	91624.686	1517515.600	147814.430	6516.591
σ		14080.968	327.657	2539.207	20160.905	52470.812	1065.078	4926.843	486.245	130.126
%RSD		0.808	0.823	0.545	0.944	0.303	1.162	0.325	0.329	1.997

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	23:41:48	182614.460	7111.145	46694.940	204376.560	7157427.700	3663229.400	92487.484	896.903	1803.239
2	23:42:56	193489.020	6923.552	50144.101	204500.180	7087869.400	3645096.200	92430.870	921.905	1828.242
3	23:44:04	197770.490	7250.277	51527.134	203317.860	7065383.500	3623861.100	92190.260	967.220	1829.805
x		191291.320	7094.991	49455.392	204064.870	7103560.200	3644062.200	92369.538	928.676	1820.429
σ		7813.368	163.960	2488.627	649.873	47986.273	19704.539	157.819	35.644	14.907
%RSD		4.085	2.311	5.032	0.318	0.676	0.541	0.171	3.838	0.819

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	23:41:48	3172.227	1198.488	2694.004	18289.826	818.773	818.773	802.627	54.167	42.188
2	23:42:56	2965.933	1170.360	2673.688	18458.793	1000.035	1000.035	857.838	57.813	42.188
3	23:44:04	3084.708	1160.985	2715.883	18442.105	1053.164	1053.164	805.231	49.479	36.979
x		3074.289	1176.611	2694.525	18396.908	957.324	957.324	821.899	53.820	40.451
σ		103.541	19.517	21.103	93.110	122.894	122.894	31.152	4.178	3.007
%RSD		3.368	1.659	0.783	0.506	12.837	12.837	3.790	7.762	7.434

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	23:41:48	6606.215	226.564	1298.497	187.501	420.319	1.563	406144.000	329.691	96.875
2	23:42:56	6623.410	240.627	1289.121	170.314	426.569	7.813	406095.780	300.003	92.188
3	23:44:04	6695.319	248.440	1331.312	160.938	392.193	6.250	406433.300	375.005	89.063
x		6641.648	238.544	1306.310	172.918	413.027	5.208	406224.360	334.900	92.709
σ		47.269	11.085	22.154	13.472	18.311	3.253	182.549	37.771	3.932
%RSD		0.712	4.647	1.696	7.791	4.433	62.450	0.045	11.278	4.241

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	23:41:48	39.063	39.063	65.625	20.313	420.319	1429.759	30504.408	54172.832	943199.670
2	23:42:56	48.438	48.438	64.063	25.000	425.006	1407.882	29854.600	53964.233	948032.480
3	23:44:04	43.750	43.750	57.813	23.438	395.318	1450.074	29979.862	54419.078	951672.310
x		43.750	43.750	62.500	22.917	413.548	1429.238	30112.957	54185.381	947634.820
σ		4.688	4.688	4.134	2.387	15.960	21.101	344.744	227.682	4250.299
%RSD		10.714	10.714	6.614	10.415	3.859	1.476	1.145	0.420	0.449

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	23:41:48	971685.720	95.313	221.877	2211.109	1864.184	4797.681	809597.620	23848.014
2	23:42:56	978281.000	84.375	207.814	2217.360	1823.554	4660.135	810521.290	23769.759
3	23:44:04	976076.670	100.000	223.439	2215.797	1814.178	4611.682	810684.880	23956.007
x		975347.800	93.229	217.710	2214.755	1833.972	4689.832	810267.930	23857.926
σ		3357.507	8.018	8.606	3.253	26.581	96.490	586.238	93.519
%RSD		0.344	8.600	3.953	0.147	1.449	2.057	0.072	0.392

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	23:49:43	22253.256	36.458	2917.485	2568.981	222310380.000	4186326.400	549847.460	643033.360	564756.230
2	23:50:51	21458.291	52.083	3005.004	2701.818	227335330.000	4270978.900	556216.740	656824.380	576988.590
3	23:51:59	22212.568	45.313	3028.446	2661.185	222979460.000	4213004.900	548386.630	642053.220	563085.950
x		21974.705	44.618	2983.645	2643.995	224208390.000	4223436.700	551483.610	647303.650	568276.920
σ		447.690	7.836	58.483	68.067	2728595.700	43279.664	4163.576	8259.743	7590.608
%RSD		2.037	17.562	1.960	2.574	1.217	1.025	0.755	1.276	1.336

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	23:49:43	1373598.500	25674.613	435286.780	2046257.200	13878577.000	55510.766	922095.920	146980.370	5118.104
2	23:50:51	1399812.900	26181.783	446870.700	2108092.300	14319585.000	56459.787	945814.330	141763.990	5272.848
3	23:51:59	1371508.100	25806.100	437631.820	2086826.100	13931124.000	55306.853	922821.870	144186.490	5169.685
x		1381639.900	25887.499	439929.770	2080391.900	14043095.000	55759.136	930244.040	144310.280	5186.879
σ		15773.001	263.200	6124.314	31415.654	240884.020	615.288	13489.150	2610.394	78.792
%RSD		1.142	1.017	1.392	1.510	1.715	1.103	1.450	1.809	1.519

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	23:49:43	182119.130	8205.481	45149.359	60921.812	1789039.200	1067171.600	29838.943	953.157	1026.599
2	23:50:51	192942.640	8547.869	48833.322	62298.041	1836260.000	1092734.100	30360.352	935.968	1000.035
3	23:51:59	194919.200	8369.639	50200.549	61325.095	1808939.400	1070546.600	30106.691	910.967	925.030
x		189993.660	8374.329	48061.076	61514.983	1811412.900	1076817.400	30101.995	933.364	983.888
σ		6890.777	171.242	2612.643	707.492	23707.361	13887.169	260.736	21.215	52.675
%RSD		3.627	2.045	5.436	1.150	1.309	1.290	0.866	2.273	5.354

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	23:49:43	6904.793	3150.347	2443.959	6196.656	873.464	873.464	841.171	44.271	34.375
2	23:50:51	6917.299	3312.884	2356.444	6551.502	906.279	906.279	780.751	43.750	32.292
3	23:51:59	6701.572	3215.987	2392.388	6577.035	1035.975	1035.975	787.522	54.688	35.938
x		6841.221	3226.406	2397.597	6441.731	938.573	938.573	803.148	47.570	34.201
σ		121.102	81.768	43.989	212.625	85.934	85.934	33.102	6.170	1.829
%RSD		1.770	2.534	1.835	3.301	9.156	9.156	4.122	12.970	5.348

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	23:49:43	3555.130	1320.374	1932.943	923.467	2162.664	4.688	408453.780	253.127	121.876
2	23:50:51	3684.850	1386.005	2053.273	889.090	2297.060	1.563	393662.750	284.378	79.688
3	23:51:59	3708.294	1471.951	1926.692	814.086	2184.542	0.000	401742.440	267.190	104.688
x		3649.425	1392.776	1970.969	875.548	2214.755	2.083	401286.320	268.232	102.084
σ		82.499	76.015	71.345	55.934	72.112	2.387	7406.060	15.651	21.214
%RSD		2.261	5.458	3.620	6.388	3.256	114.564	1.846	5.835	20.781

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	23:49:43	21.875	21.875	100.000	32.813	229.689	1087.541	33296.570	58470.978	954488.710
2	23:50:51	17.188	17.188	96.875	29.688	212.502	1140.670	34258.215	60586.014	926978.450
3	23:51:59	18.750	18.750	104.688	31.250	237.502	1129.732	33539.325	59666.531	937195.040
x		19.271	19.271	100.521	31.250	226.564	1119.315	33698.037	59574.508	939554.070
σ		2.387	2.387	3.932	1.563	12.790	28.055	500.082	1060.517	13906.018
%RSD		12.385	12.385	3.912	5.000	5.645	2.506	1.484	1.780	1.480

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	23:49:43	980283.390	90.625	167.188	4313.151	3508.243	8588.518	824849.690	16267.069
2	23:50:51	947742.270	85.938	153.126	4247.506	3575.447	8991.891	800289.830	16800.498
3	23:51:59	967184.180	51.563	190.626	4399.115	3678.599	8730.792	818474.830	16298.354
x		965069.950	76.042	170.314	4319.924	3587.430	8770.401	814538.120	16455.307
σ		16373.258	21.329	18.945	76.031	85.807	204.583	12744.407	299.353
%RSD		1.697	28.049	11.123	1.760	2.392	2.333	1.565	1.819

C4368-15X25 MH30Y2 11/08/2011 11:56:30 PM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	23:57:38	22356.542	22.917	304.691	896.903	11951574.000	348808.560	47422.330	56657.442	4575.733
2	23:58:46	22527.123	21.875	265.627	960.970	11996636.000	346804.390	47731.169	55796.250	4249.069
3	23:59:54	22297.075	25.000	281.253	956.282	12077104.000	353248.490	47790.742	56535.084	4338.159
x		22393.580	23.264	283.857	938.052	12008438.000	349620.480	47648.080	56329.592	4387.654
σ		119.413	1.591	19.661	35.713	63591.753	3297.881	197.762	465.922	168.863
%RSD		0.533	6.840	6.927	3.807	0.530	0.943	0.415	0.827	3.849

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	23:57:38	77616.530	2834.656	64391.669	526031.610	792252.060	4571.044	79281.888	145921.160	182.814
2	23:58:46	75888.533	2812.777	64799.758	521909.480	791766.870	4513.213	80212.059	147477.640	185.939
3	23:59:54	77779.915	2945.616	65473.130	520461.180	801330.160	4671.076	81238.145	143582.010	151.563
x		77094.993	2864.350	64888.186	522800.760	795116.360	4585.111	80244.030	145660.270	173.439
σ		1048.013	71.224	546.127	2890.193	5386.774	79.866	978.520	1960.877	19.009
%RSD		1.359	2.487	0.842	0.553	0.677	1.742	1.219	1.346	10.960

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	23:57:38	53623.892	1273.494	17326.125	10779.065	136246.630	177408.850	5497.933	67.188	239.065
2	23:58:46	49985.735	1234.428	16154.441	11237.230	135864.890	176507.160	5577.651	78.125	221.877
3	23:59:54	47307.889	1361.002	15272.222	11266.941	139296.140	179725.030	5644.865	71.875	260.940
x		50305.839	1289.642	16250.929	11094.412	137135.890	177880.350	5573.483	72.396	240.627
σ		3170.146	64.814	1030.346	273.502	1880.544	1659.943	73.555	5.487	19.578
%RSD		6.302	5.026	6.340	2.465	1.371	0.933	1.320	7.580	8.136

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	23:57:38	548.448	276.565	376.567	1558.418	387.505	387.505	864.610	43.229	34.896
2	23:58:46	528.135	264.065	370.317	1560.502	353.129	353.129	783.355	39.583	35.938
3	23:59:54	523.447	240.627	378.130	1428.196	346.879	346.879	823.982	36.979	30.208
x		533.343	260.419	375.005	1515.706	362.505	362.505	823.982	39.931	33.681
σ		13.289	18.244	4.134	75.792	21.876	21.876	40.627	3.139	3.052
%RSD		2.492	7.006	1.102	5.000	6.035	6.035	4.931	7.862	9.061

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	23:57:38	309.378	32.813	120.313	28.125	79.688	1.563	423467.510	239.065	23.438
2	23:58:46	375.005	32.813	78.125	25.000	84.375	1.563	428933.250	268.753	9.375
3	23:59:54	306.253	32.813	110.938	25.000	59.375	4.688	418052.090	237.502	17.188
x		330.212	32.813	103.125	26.042	74.479	2.604	423484.280	248.440	16.667
σ		38.823	0.000	22.152	1.804	13.289	1.804	5440.599	17.609	7.046
%RSD		11.757	0.000	21.481	6.928	17.842	69.282	1.285	7.088	42.274

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	23:57:38	0.000	0.000	21.875	4.688	76.563	89.063	1525.081	2583.046	966055.250
2	23:58:46	3.125	3.125	12.500	3.125	92.188	95.313	1507.892	2642.432	978815.830
3	23:59:54	3.125	3.125	9.375	9.375	81.250	106.250	1496.953	2689.316	962303.360
x		2.083	2.083	14.583	5.729	83.334	96.875	1509.976	2638.265	969058.150
σ		1.804	1.804	6.505	3.253	8.018	8.700	14.179	53.257	8656.124
%RSD		86.603	86.603	44.607	56.773	9.622	8.980	0.939	2.019	0.893

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	23:57:38	989621.990	73.438	190.626	125.001	107.813	268.753	857659.030	1354.752
2	23:58:46	994560.370	90.625	170.314	134.376	98.438	271.878	865142.190	1465.700
3	23:59:54	985606.590	70.313	206.251	143.751	79.688	228.127	848435.080	1373.504
x		989929.650	78.125	189.064	134.376	95.313	256.252	857078.770	1397.985
σ		4484.814	10.938	18.020	9.375	14.321	24.407	8368.658	59.388
%RSD		0.453	14.000	9.531	6.977	15.025	9.525	0.976	4.248

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	00:05:34	22516.168	22.917	304.691	959.407	13813687.000	311017.920	42668.313	50507.879	14031.888
2	00:06:42	22214.133	30.729	281.253	901.591	13870678.000	309509.110	41953.701	49476.153	13895.817
3	00:07:50	21807.257	20.313	296.878	993.785	13794282.000	314414.500	43544.388	50202.117	13975.583
x		22179.186	24.653	294.274	951.594	13826216.000	311647.180	42722.134	50062.050	13967.763
σ		355.745	5.421	11.934	46.591	39708.808	2512.507	796.708	529.933	68.371
%RSD		1.604	21.989	4.055	4.896	0.287	0.806	1.865	1.059	0.489

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	00:05:34	68077.448	3169.102	66732.060	509556.570	982683.940	3775.499	64857.833	147733.390	239.065
2	00:06:42	67515.415	3140.970	67199.870	513173.260	987487.890	3645.778	64131.126	144907.790	260.940
3	00:07:50	67279.933	3255.058	67457.330	513396.700	993200.140	3769.247	64956.718	144566.870	226.564
x		67624.266	3188.377	67129.753	512042.180	987790.660	3730.175	64648.559	145736.020	242.190
σ		409.748	59.436	367.684	2155.497	5264.636	73.157	450.830	1738.155	17.400
%RSD		0.606	1.864	0.548	0.421	0.533	1.961	0.697	1.193	7.184

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	00:05:34	36292.918	2451.773	11872.119	13808.233	221164.450	226936.740	6717.204	123.438	240.627
2	00:06:42	35359.331	2358.007	11409.242	13543.917	222140.360	223603.550	6729.710	92.188	276.565
3	00:07:50	33843.165	2384.574	11159.044	13651.832	224912.930	223936.830	6643.732	101.563	267.190
x		35165.138	2398.118	11480.135	13667.994	222739.250	224825.710	6696.882	105.730	261.461
σ		1236.368	48.328	361.785	132.897	1944.674	1835.790	46.452	16.036	18.642
%RSD		3.516	2.015	3.151	0.972	0.873	0.817	0.694	15.167	7.130

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	00:05:34	1121.919	581.262	1121.919	984.409	228.127	228.127	839.608	40.104	42.188
2	00:06:42	1246.929	543.760	1209.426	974.512	265.627	265.627	819.294	41.146	32.292
3	00:07:50	1037.538	550.011	1084.416	907.841	245.315	245.315	868.776	34.896	33.854
x		1135.462	558.344	1138.587	955.588	246.356	246.356	842.560	38.715	36.111
σ		105.351	20.092	64.150	41.644	18.772	18.772	24.873	3.348	5.320
%RSD		9.278	3.598	5.634	4.358	7.620	7.620	2.952	8.649	14.732

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	00:05:34	385.943	135.938	253.127	104.688	228.127	0.000	429057.200	268.753	12.500
2	00:06:42	421.881	159.376	190.626	96.875	193.751	1.563	425932.960	246.877	18.750
3	00:07:50	406.256	129.688	204.689	107.813	256.252	0.000	425068.720	282.815	29.688
x		404.693	141.667	216.147	103.125	226.043	0.521	426686.290	266.148	20.313
σ		18.020	15.651	32.788	5.634	31.303	0.902	2098.248	18.110	8.700
%RSD		4.453	11.048	15.169	5.463	13.848	173.205	0.492	6.805	42.829

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	00:05:34	3.125	3.125	12.500	4.688	81.250	137.501	1514.143	2604.925	978753.990
2	00:06:42	0.000	0.000	0.000	3.125	96.875	137.501	1432.884	2659.623	969545.860
3	00:07:50	9.375	9.375	20.313	4.688	112.500	98.438	1418.821	2584.609	965833.150
x		4.167	4.167	10.938	4.167	96.875	124.480	1455.283	2616.385	971377.670
σ		4.774	4.774	10.246	0.902	15.625	22.553	51.457	38.798	6652.342
%RSD		114.564	114.564	93.678	21.651	16.129	18.118	3.536	1.483	0.685

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	00:05:34	992935.810	107.813	214.064	475.008	335.941	876.589	869486.600	639.077
2	00:06:42	993963.060	78.125	214.064	406.256	353.129	912.529	864173.630	692.204
3	00:07:50	997041.890	75.000	181.251	392.193	357.817	804.710	863306.290	623.451
x		994646.920	86.979	203.126	424.486	348.963	864.610	865655.500	651.577
σ		2136.758	18.110	18.945	44.315	11.518	54.899	3346.047	36.041
%RSD		0.215	20.821	9.326	10.440	3.301	6.350	0.387	5.531

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	00:13:30	21921.494	14.063	303.128	935.968	12748907.000	309003.020	42306.301	49822.667	9673.587
2	00:14:38	23040.440	19.792	289.065	918.780	12643232.000	309810.860	41684.164	49146.894	9565.702
3	00:15:46	21743.097	24.479	284.378	910.967	12926238.000	314336.250	42448.911	49745.837	9506.287
x		22235.010	19.444	292.190	921.905	12772792.000	311050.040	42146.459	49571.799	9581.858
σ		703.203	5.217	9.758	12.790	143006.850	2874.458	406.659	369.978	84.812
%RSD		3.163	26.830	3.340	1.387	1.120	0.924	0.965	0.746	0.885

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	00:13:30	83515.282	3534.812	65066.591	512538.570	918601.540	3784.876	65570.450	145821.710	303.128
2	00:14:38	81667.143	3362.896	65809.043	510168.460	907803.980	3734.863	64892.364	148939.570	245.315
3	00:15:46	84194.250	3369.147	66008.397	506707.880	920081.430	3747.366	66334.904	143160.620	259.377
x		83125.558	3422.285	65628.011	509804.970	915495.650	3755.702	65599.239	145973.970	269.273
σ		1307.853	97.502	496.316	2932.291	6702.149	26.028	721.701	2892.479	30.150
%RSD		1.573	2.849	0.756	0.575	0.732	0.693	1.100	1.982	11.197

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	00:13:30	29735.603	1461.012	8957.495	10818.157	353245.290	175278.100	5372.885	118.750	885.965
2	00:14:38	28348.412	1434.447	9445.309	10771.247	345101.390	173201.440	5516.690	134.376	823.461
3	00:15:46	28349.977	1404.757	9224.853	10627.389	355714.820	176897.890	5555.768	157.813	898.466
x		28811.331	1433.405	9209.219	10738.931	351353.830	175125.810	5481.781	136.980	869.297
σ		800.443	28.142	244.283	99.405	5553.777	1852.922	96.309	19.661	40.184
%RSD		2.778	1.963	2.653	0.926	1.581	1.058	1.757	14.353	4.623

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	00:13:30	650.015	307.816	1351.626	818.253	198.439	198.439	879.194	43.750	33.854
2	00:14:38	662.515	301.566	1317.248	773.458	201.564	201.564	837.525	32.813	36.979
3	00:15:46	612.513	307.816	1270.369	750.020	143.751	143.751	890.132	42.708	45.313
x		641.681	305.732	1313.081	780.577	181.251	181.251	868.950	39.757	38.715
σ		26.022	3.609	40.789	34.669	32.514	32.514	27.759	6.037	5.923
%RSD		4.055	1.180	3.106	4.441	17.939	17.939	3.195	15.184	15.299

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	00:13:30	401.568	28.125	82.813	28.125	46.875	0.000	427384.740	245.315	7.813
2	00:14:38	396.881	31.250	81.250	12.500	51.563	0.000	434259.340	231.252	15.625
3	00:15:46	400.006	29.688	101.563	21.875	42.188	3.125	422188.290	259.377	12.500
x		399.485	29.688	88.542	20.833	46.875	1.042	427944.120	245.315	11.979
σ		2.387	1.563	11.303	7.864	4.688	1.804	6054.935	14.063	3.932
%RSD		0.597	5.263	12.766	37.749	10.000	173.205	1.415	5.733	32.825

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	00:13:30	1.563	1.563	15.625	3.125	123.438	120.313	1218.802	2336.129	968303.180
2	00:14:38	3.125	3.125	14.063	0.000	145.313	101.563	1190.675	2215.797	988855.950
3	00:15:46	3.125	3.125	6.250	7.813	146.876	103.125	1279.745	2164.226	965093.390
x		2.604	2.604	11.979	3.646	138.542	108.334	1229.741	2238.717	974084.170
σ		0.902	0.902	5.023	3.932	13.104	10.404	45.531	88.213	12893.010
%RSD		34.641	34.641	41.929	107.855	9.458	9.603	3.703	3.940	1.324

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	00:13:30	999855.240	106.250	231.252	187.501	171.876	431.257	872454.930	389.068
2	00:14:38	1012648.400	89.063	243.752	198.439	178.126	398.443	880762.480	404.693
3	00:15:46	978663.740	93.750	220.314	215.627	190.626	539.073	864684.440	440.632
x		997055.790	96.354	231.773	200.522	180.209	456.257	872633.950	411.464
σ		17164.409	8.885	11.728	14.178	9.547	73.573	8040.516	26.440
%RSD		1.722	9.221	5.060	7.071	5.298	16.125	0.921	6.426

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	00:21:26	22179.705	13.542	200.001	968.783	14244908.000	296747.260	40888.118	47295.348	9281.139
2	00:22:34	22500.518	22.917	254.690	871.902	14245034.000	296262.350	40645.239	47640.241	9340.553
3	00:23:42	22630.411	22.396	212.502	957.845	14311511.000	298945.510	40816.038	48198.358	9353.061
x		22436.878	19.618	222.398	932.843	14267151.000	297318.370	40783.132	47711.316	9324.917
σ		231.995	5.269	28.656	53.059	38416.813	1429.848	124.738	455.682	38.426
%RSD		1.034	26.857	12.885	5.688	0.269	0.481	0.306	0.955	0.412

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	00:21:26	69396.271	3476.986	60644.072	509540.380	1068560.500	3620.771	65532.778	147521.840	289.065
2	00:22:34	70398.030	3408.219	61072.454	510689.720	1062980.500	3658.281	64809.175	148723.270	259.377
3	00:23:42	70696.372	3320.698	60859.046	508164.530	1068488.200	3850.519	64928.465	147311.880	282.815
x		70163.558	3401.968	60858.524	509464.880	1066676.400	3709.857	65090.139	147852.330	277.086
σ		681.028	78.331	214.191	1264.290	3200.971	123.252	387.948	761.524	15.651
%RSD		0.971	2.303	0.352	0.248	0.300	3.322	0.596	0.515	5.649

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	00:21:26	25291.118	1226.615	8038.198	15459.923	283145.650	259747.950	7408.170	82.813	273.440
2	00:22:34	25615.132	1265.681	7856.848	15685.169	284324.980	258748.810	7392.537	84.375	242.190
3	00:23:42	24661.894	1162.547	7753.666	15678.912	286172.260	261059.030	7466.013	89.063	265.627
x		25189.381	1218.281	7882.904	15608.001	284547.630	259851.930	7422.240	85.417	260.419
σ		484.694	52.070	144.045	128.277	1525.538	1158.612	38.706	3.253	16.263
%RSD		1.924	4.274	1.827	0.822	0.536	0.446	0.521	3.808	6.245

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	00:21:26	418.756	156.251	281.253	1160.985	175.001	175.001	842.212	27.604	34.896
2	00:22:34	418.756	175.001	306.253	1145.879	168.751	168.751	841.171	39.063	41.146
3	00:23:42	401.568	185.939	271.878	1085.458	145.313	145.313	876.589	34.896	45.313
x		413.027	172.397	286.461	1130.774	163.022	163.022	853.324	33.854	40.451
σ		9.923	15.014	17.770	39.965	15.651	15.651	20.155	5.800	5.243
%RSD		2.403	8.709	6.203	3.534	9.601	9.601	2.362	17.132	12.961

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	00:21:26	278.128	34.375	85.938	10.938	51.563	0.000	432249.750	229.689	12.500
2	00:22:34	290.628	28.125	89.063	15.625	50.000	0.000	432719.920	226.564	14.063
3	00:23:42	329.691	35.938	70.313	17.188	42.188	1.563	431518.770	265.627	12.500
x		299.482	32.813	81.771	14.583	47.917	0.521	432162.810	240.627	13.021
σ		26.898	4.134	10.046	3.253	5.023	0.902	605.276	21.707	0.902
%RSD		8.981	12.599	12.285	22.304	10.482	173.205	0.140	9.021	6.928

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	00:21:26	1.563	1.563	12.500	1.563	118.750	114.063	1273.494	2228.299	991020.360
2	00:22:34	6.250	6.250	20.313	1.563	115.625	120.313	1282.870	2267.367	994936.840
3	00:23:42	1.563	1.563	6.250	6.250	137.501	118.750	1337.563	2292.371	994843.140
x		3.125	3.125	13.021	3.125	123.959	117.709	1297.976	2262.679	993600.110
σ		2.706	2.706	7.046	2.706	11.831	3.253	34.602	32.293	2234.623
%RSD		86.603	86.603	54.111	86.603	9.544	2.763	2.666	1.427	0.225

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	00:21:26	1011650.000	96.875	240.627	157.813	120.313	250.002	882763.300	932.843
2	00:22:34	1014615.200	110.938	271.878	164.063	126.563	317.191	885551.620	1020.349
3	00:23:42	1015719.400	103.125	203.126	175.001	109.375	321.879	883351.140	1009.411
x		1013994.900	103.646	238.544	165.626	118.751	296.357	883888.690	987.534
σ		2104.432	7.046	34.423	8.700	8.700	40.213	1469.827	47.679
%RSD		0.208	6.798	14.430	5.253	7.326	13.569	0.166	4.828

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	00:29:21	22331.503	37368.080	5998.134	1193.800	36128703.000	27333410.000	3724686.800	4373734.200	6068067.200
2	00:30:29	23173.468	36917.954	6043.466	1157.859	35947525.000	27108643.000	3717263.400	4307303.700	6044762.800
3	00:31:37	22671.100	37735.711	6166.956	1228.178	37129503.000	27872988.000	3834034.600	4475254.600	6272178.900
x		22725.357	37340.582	6069.518	1193.279	36401910.000	27438347.000	3758661.600	4385430.800	6128336.300
σ		423.596	409.572	87.374	35.162	636591.940	392829.010	65380.405	84584.168	125115.150
%RSD		1.864	1.097	1.440	2.947	1.749	1.432	1.739	1.929	2.042

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	00:29:21	72053.126	328424.480	75382.741	456762.210	20746970.000	93803.838	1560014.500	149125.870	48933.664
2	00:30:29	73410.008	327100.870	76188.562	459743.080	20719722.000	92479.621	1542608.500	153150.930	48154.461
3	00:31:37	73686.425	336071.140	77850.611	460491.620	21138823.000	95766.797	1588046.700	149946.900	50589.417
x		73049.853	330532.160	76473.971	458998.970	20868505.000	94016.752	1563556.600	150741.230	49225.847
σ		874.186	4842.331	1258.447	1972.915	234498.340	1653.899	22925.257	2126.853	1243.495
%RSD		1.197	1.465	1.646	0.430	1.124	1.759	1.466	1.411	2.526

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	00:29:21	757304.550	687991.140	88650.775	2684346.500	2118802.900	45872357.000	1108065.800	867310.090	188600.860
2	00:30:29	741926.750	679050.090	87532.977	2655464.800	2005869.300	45268186.000	1100640.700	857521.440	187047.830
3	00:31:37	774251.140	703589.610	90245.086	2743571.700	2174588.700	47057283.000	1135332.300	883601.900	192770.020
x		757827.480	690210.280	88809.613	2694461.000	2099753.600	46065942.000	1114679.600	869477.810	189472.900
σ		16168.540	12419.359	1363.014	44915.856	85957.639	910122.490	18267.007	13174.668	2959.090
%RSD		2.134	1.799	1.535	1.667	4.094	1.976	1.639	1.515	1.562

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	00:29:21	949038.270	462114.660	366704.700	162368.550	9210.781	9210.781	30712.144	12746.309	50.521
2	00:30:29	935976.740	459201.060	359477.580	160530.240	8946.551	8946.551	30261.184	12651.433	36.458
3	00:31:37	973018.910	475260.570	370162.500	166380.460	9515.668	9515.668	31164.163	12770.810	47.396
x		952677.970	465525.430	365448.260	163093.090	9224.333	9224.333	30712.497	12722.851	44.792
σ		18787.394	8555.815	5452.140	2991.653	284.801	284.801	451.490	63.051	7.384
%RSD		1.972	1.838	1.492	1.834	3.087	3.087	1.470	0.496	16.485

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	00:29:21	170807.250	299926.690	323135.590	190253.810	493080.760	1.563	426869.680	19916.999	931692.660
2	00:30:29	167610.340	299144.930	320738.720	191496.820	493114.720	6.250	437254.910	19826.248	927274.920
3	00:31:37	175917.140	307176.760	331556.530	196886.530	505675.370	3.125	425929.740	19956.116	947255.260
x		171444.910	302082.790	325143.610	192879.050	497290.280	3.646	430018.110	19899.788	935407.610
σ		4189.949	4428.789	5681.582	3525.786	7261.718	2.387	6284.852	66.623	10495.432
%RSD		2.444	1.466	1.747	1.828	1.460	65.465	1.462	0.335	1.122

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	00:29:21	14754.490	14754.490	904895.040	224428.840	629390.810	956486.210	852570.720	1494195.800	988934.560
2	00:30:29	14924.980	14924.980	897512.990	223179.810	619312.820	948581.240	840067.940	1483600.300	1000841.100
3	00:31:37	15161.166	15161.166	921573.120	227984.480	639229.150	971162.840	854431.810	1512391.200	982459.910
x		14946.879	14946.879	907993.720	225197.710	629310.930	958743.430	849023.490	1496729.100	990745.200
σ		204.220	204.220	12325.739	2492.906	9958.402	11458.774	7811.362	14561.667	9323.412
%RSD		1.366	1.366	1.357	1.107	1.582	1.195	0.920	0.973	0.941

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	00:29:21	1012377.000	1423259.200	3607519.800	1162679.300	1082219.400	2548011.600	860520.520	6140283.100
2	00:30:29	1032139.000	1419557.200	3628556.900	1160329.000	1074278.900	2497224.000	877591.610	6039412.500
3	00:31:37	1010137.500	1448993.100	3667948.100	1168537.400	1089746.500	2578080.300	853502.070	6205993.800
x		1018217.800	1430603.200	3634674.900	1163848.600	1082081.600	2541105.300	863871.400	6128563.100
σ		12108.000	16033.352	30675.213	4227.270	7734.700	40868.189	12389.426	83906.789
%RSD		1.189	1.121	0.844	0.363	0.715	1.608	1.434	1.369

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	00:37:15	22827.599	26.042	126.563	889.090	255002.660	9679.841	1411.007	1542.271	3242.555
2	00:38:23	22373.757	24.479	126.563	845.338	251319.500	7727.089	1029.725	1162.547	2701.818
3	00:39:31	23164.077	32.292	101.563	926.593	247424.260	6506.169	893.778	954.719	2640.869
x		22788.478	27.604	118.230	887.007	251248.810	7971.033	1111.503	1219.846	2861.747
σ		396.610	4.134	14.434	40.668	3789.696	1600.837	268.137	297.937	331.194
%RSD		1.740	14.976	12.208	4.585	1.508	20.083	24.124	24.424	11.573

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	00:37:15	2640.869	2032.957	43945.614	458504.200	398137.340	51.563	3350.393	147960.720	37.500
2	00:38:23	2475.214	1895.438	44136.827	459630.150	398468.260	48.438	3197.233	151257.480	17.188
3	00:39:31	2309.562	1939.194	43959.720	462450.260	396123.120	45.313	3086.271	148947.460	31.250
x		2475.215	1955.863	44014.053	460194.870	397576.240	48.438	3211.299	149388.550	28.646
σ		165.654	70.258	106.559	2032.739	1269.268	3.125	132.622	1692.062	10.404
%RSD		6.692	3.592	0.242	0.442	0.319	6.452	4.130	1.133	36.318

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	00:37:15	15531.876	1025.037	5144.676	7985.044	1221.927	131368.440	4253.758	285.940	217.189
2	00:38:23	14990.674	1051.601	5102.474	7897.495	1134.420	127690.000	4188.114	221.877	217.189
3	00:39:31	14752.926	1031.287	5029.010	8008.494	1000.035	126094.680	4167.795	164.063	217.189
x		15091.825	1035.975	5092.053	7963.678	1118.794	128384.370	4203.222	223.960	217.189
σ		399.205	13.889	58.533	58.503	111.768	2704.582	44.929	60.965	0.000
%RSD		2.645	1.341	1.149	0.735	9.990	2.107	1.069	27.221	0.000

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	00:37:15	546.885	225.002	265.627	371.359	106.250	106.250	920.342	44.271	38.021
2	00:38:23	454.695	242.190	204.689	348.963	104.688	104.688	896.903	34.896	41.667
3	00:39:31	418.756	164.063	187.501	339.587	89.063	89.063	881.798	37.500	49.479
x		473.445	210.418	219.273	353.303	100.000	100.000	899.681	38.889	43.056
σ		66.091	41.054	41.054	16.324	9.504	9.504	19.422	4.839	5.854
%RSD		13.960	19.511	18.723	4.621	9.504	9.504	2.159	12.444	13.597

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	00:37:15	468.758	760.958	740.644	453.132	1145.358	1.563	436290.140	218.752	276.565
2	00:38:23	309.378	507.822	542.198	318.754	870.339	4.688	436792.650	265.627	225.002
3	00:39:31	246.877	421.881	434.382	245.315	640.639	0.000	437060.020	256.252	168.751
x		341.671	563.554	572.408	339.067	885.446	2.083	436714.270	246.877	223.439
σ		114.411	176.275	155.350	105.387	252.698	2.387	390.879	24.804	53.924
%RSD		33.486	31.279	27.140	31.082	28.539	114.564	0.090	10.047	24.134

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	00:37:15	7.813	7.813	367.192	60.938	623.451	1865.747	240.627	381.255	983857.610
2	00:38:23	0.000	0.000	190.626	32.813	460.945	1401.631	175.001	260.940	991620.900
3	00:39:31	6.250	6.250	181.251	25.000	425.006	1057.852	114.063	228.127	991804.910
x		4.688	4.688	246.357	39.583	503.134	1441.743	176.564	290.107	989094.470
σ		4.134	4.134	104.752	18.901	105.736	405.439	63.297	80.623	4536.189
%RSD		88.192	88.192	42.520	47.751	21.015	28.121	35.849	27.791	0.459

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	00:37:15	1010877.800	521.885	1257.868	353.129	320.316	790.647	874210.660	1732.918
2	00:38:23	1015459.700	390.630	982.846	304.691	300.003	603.138	881405.040	1275.057
3	00:39:31	1005394.800	260.940	679.704	212.502	179.689	515.634	879225.110	1045.351
x		1010577.400	391.152	973.473	290.107	266.669	636.473	878280.270	1351.108
σ		5039.165	130.473	289.196	71.439	76.009	140.504	3689.078	350.036
%RSD		0.499	33.356	29.708	24.625	28.503	22.075	0.420	25.907

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	00:45:09	24400.508	30.208	746.895	3953.672	108823770.000	29428217.000	4006837.300	4673050.100	7514.476
2	00:46:17	23552.211	23.438	692.204	4239.691	111776800.000	30080377.000	4089046.000	4737610.900	7326.878
3	00:47:25	24145.388	17.708	682.829	4192.803	110570760.000	29778821.000	4066695.600	4716397.200	7319.062
x		24032.702	23.785	707.309	4128.722	110390440.000	29762472.000	4054192.900	4709019.400	7386.805
σ		435.230	6.257	34.601	153.400	1484749.000	326387.270	42506.536	32906.618	110.635
%RSD		1.811	26.308	4.892	3.715	1.345	1.097	1.048	0.699	1.498

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	00:45:09	1603943.600	3545.753	347239.780	528974.860	3509711.200	267316.920	4738887.400	159297.290	96.875
2	00:46:17	1647727.000	3466.045	352857.760	535437.170	3560562.400	271532.820	4812793.000	156769.550	101.563
3	00:47:25	1605665.700	3594.202	351893.790	537717.330	3534107.000	268259.340	4765628.600	160390.670	118.750
x		1619112.100	3535.333	350663.780	534043.120	3534793.500	269036.360	4772436.300	158819.170	105.730
σ		24796.163	64.711	3004.186	4534.893	25432.553	2212.752	37420.149	1857.300	11.517
%RSD		1.531	1.830	0.857	0.849	0.719	0.822	0.784	1.169	10.893

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	00:45:09	19915.435	1281.308	5821.498	8594.772	2872.164	160468.090	20516.284	715.643	976.596
2	00:46:17	19832.507	1295.371	5622.981	8361.822	2853.410	162606.130	20402.058	723.456	914.092
3	00:47:25	19740.192	1331.312	5755.847	8597.899	2761.204	161986.650	20286.268	665.641	867.214
x		19829.378	1302.664	5733.442	8518.164	2828.926	161686.960	20401.537	701.580	919.300
σ		87.663	25.788	101.137	135.406	59.394	1100.073	115.009	31.368	54.877
%RSD		0.442	1.980	1.764	1.590	2.100	0.680	0.564	4.471	5.969

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	00:45:09	2045.459	876.589	7125.214	1031.287	107.813	107.813	980.763	58.854	30.729
2	00:46:17	2039.208	906.279	7212.758	1084.416	104.688	104.688	927.113	53.125	43.229
3	00:47:25	2034.520	909.404	7201.815	1060.456	100.000	100.000	957.845	59.375	36.458
x		2039.729	897.424	7179.929	1058.720	104.167	104.167	955.240	57.118	36.806
σ		5.488	18.111	47.699	26.607	3.932	3.932	26.919	3.468	6.257
%RSD		0.269	2.018	0.664	2.513	3.775	3.775	2.818	6.071	17.001

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	00:45:09	259.377	321.879	378.130	229.689	595.325	1.563	442437.430	265.627	84.375
2	00:46:17	270.315	343.754	384.380	229.689	540.635	0.000	436840.970	279.690	87.500
3	00:47:25	262.502	304.691	337.504	176.564	570.324	1.563	446417.800	281.253	73.438
x		264.065	323.441	366.671	211.981	568.761	1.042	441898.730	275.523	81.771
σ		5.634	19.579	25.452	30.672	27.378	0.902	4811.089	8.606	7.384
%RSD		2.133	6.053	6.941	14.469	4.814	86.603	1.089	3.123	9.030

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	00:45:09	6.250	6.250	89.063	29.688	240.627	595.325	56124.093	98925.714	1033427.300
2	00:46:17	4.688	4.688	67.188	45.313	215.627	548.448	56851.963	101695.060	1019059.200
3	00:47:25	3.125	3.125	46.875	32.813	212.502	548.448	56420.570	101084.500	1035360.000
x		4.688	4.688	67.709	35.938	222.918	564.074	56465.542	100568.420	1029282.200
σ		1.563	1.563	21.099	8.268	15.416	27.064	366.013	1455.014	8905.967
%RSD		33.333	33.333	31.161	23.007	6.915	4.798	0.648	1.447	0.865

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	00:45:09	1058393.900	240.627	621.889	645.327	479.696	1351.626	888107.900	137216.780
2	00:46:17	1042072.700	245.315	642.202	653.140	582.824	1381.317	870135.300	140894.510
3	00:47:25	1072036.700	234.377	556.261	557.823	553.136	1217.239	893100.490	138920.630
x		1057501.100	240.106	606.784	618.763	538.552	1316.728	883781.230	139010.640
σ		15001.920	5.487	44.918	52.920	53.089	87.429	12078.496	1840.515
%RSD		1.419	2.285	7.403	8.553	9.858	6.640	1.367	1.324

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	00:53:03	23848.014	25.000	179.689	1151.609	10188341.000	185216.380	24747.980	29348.867	31046.199
2	00:54:11	24405.204	24.479	201.564	987.534	10163819.000	182631.860	24774.589	28893.252	31265.426
3	00:55:19	23935.660	26.042	162.501	1140.670	10248350.000	184725.720	24937.372	29388.009	31957.580
x		24062.959	25.174	181.251	1093.271	10200170.000	184191.320	24819.980	29210.043	31423.068
σ		299.615	0.796	19.578	91.734	43488.995	1372.632	102.531	275.046	475.702
%RSD		1.245	3.160	10.802	8.391	0.426	0.745	0.413	0.942	1.514

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	00:53:03	63669.694	3075.331	62139.540	541529.220	994933.490	2770.581	47119.769	155635.380	270.315
2	00:54:11	62963.449	3105.025	61970.057	536436.120	992609.580	2675.251	47055.495	155916.540	232.814
3	00:55:19	63004.253	3050.326	62877.132	536121.500	991860.110	2769.018	47351.784	155943.400	268.753
x		63212.465	3076.894	62328.910	538028.950	993134.390	2738.283	47175.683	155831.770	257.294
σ		396.497	27.383	482.278	3035.403	1602.494	54.594	155.858	170.612	21.214
%RSD		0.627	0.890	0.774	0.564	0.161	1.994	0.330	0.109	8.245

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	00:53:03	18170.924	1256.305	5596.409	10607.061	81802.288	174144.050	5438.535	112.500	215.627
2	00:54:11	18976.658	1296.934	5596.409	10375.642	81065.292	174072.880	5432.283	79.688	253.127
3	00:55:19	18845.234	1282.870	5597.972	10272.442	81687.572	173859.360	5225.956	106.250	225.002
x		18664.272	1278.703	5596.930	10418.382	81518.384	174025.430	5365.591	99.480	231.252
σ		432.276	20.632	0.902	171.355	396.559	148.155	120.968	17.423	19.516
%RSD		2.316	1.614	0.016	1.645	0.486	0.085	2.255	17.514	8.439

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	00:53:03	662.515	289.065	295.316	484.904	93.750	93.750	923.467	47.917	39.583
2	00:54:11	612.513	254.690	306.253	481.258	85.938	85.938	916.175	44.271	39.063
3	00:55:19	609.388	271.878	303.128	508.342	112.500	112.500	935.968	33.854	36.979
x		628.139	271.878	301.566	491.502	97.396	97.396	925.204	42.014	38.542
σ		29.812	17.188	5.634	14.698	13.651	13.651	10.010	7.298	1.378
%RSD		4.746	6.322	1.868	2.990	14.016	14.016	1.082	17.370	3.575

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	00:53:03	201.564	140.626	145.313	78.125	217.189	0.000	454770.470	246.877	34.375
2	00:54:11	225.002	140.626	173.439	71.875	209.377	1.563	459980.220	317.191	25.000
3	00:55:19	193.751	118.750	139.063	101.563	187.501	1.563	454831.750	290.628	15.625
x		206.772	133.334	152.605	83.854	204.689	1.042	456527.480	284.899	25.000
σ		16.263	12.630	18.311	15.651	15.389	0.902	2990.318	35.505	9.375
%RSD		7.865	9.472	11.999	18.665	7.518	86.603	0.655	12.462	37.500

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	00:53:03	1.563	1.563	14.063	6.250	135.938	279.690	1545.396	2823.717	1026747.100
2	00:54:11	3.125	3.125	18.750	4.688	112.500	293.753	1540.708	2926.862	1026468.700
3	00:55:19	0.000	0.000	17.188	4.688	129.688	207.814	1411.007	2808.089	1023546.400
x		1.563	1.563	16.667	5.208	126.042	260.419	1499.037	2852.889	1025587.400
σ		1.563	1.563	2.387	0.902	12.137	46.097	76.272	64.537	1773.043
%RSD		100.000	100.000	14.321	17.321	9.629	17.701	5.088	2.262	0.173

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	00:53:03	1054410.200	118.750	243.752	328.129	245.315	575.012	906157.340	787.522
2	00:54:11	1048867.400	90.625	212.502	310.941	262.502	531.260	900762.960	796.897
3	00:55:19	1045972.500	95.313	239.065	293.753	229.689	596.887	896281.350	759.395
x		1049750.100	101.563	231.773	310.941	245.835	567.720	901067.220	781.271
σ		4287.532	15.068	16.853	17.188	16.413	33.416	4945.022	19.517
%RSD		0.408	14.836	7.271	5.528	6.676	5.886	0.549	2.498

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	01:00:57	23461.437	21.875	381.255	2395.513	10636724.000	6644943.000	863188.540	1012502.700	12453.864
2	01:02:05	23757.238	22.917	365.630	2573.669	10621418.000	6618890.000	856700.900	1002784.600	12442.917
3	01:03:13	23779.149	21.875	345.317	2695.567	10679057.000	6687140.200	870423.990	1028439.100	12127.020
x		23665.941	22.222	364.067	2554.917	10645733.000	6650324.400	863437.810	1014575.500	12341.267
σ		177.444	0.601	18.020	150.903	29856.881	34441.876	6864.940	12952.221	185.624
%RSD		0.750	2.706	4.950	5.906	0.280	0.518	0.795	1.277	1.504

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	01:00:57	1051747.700	3653.592	55818.211	487050.990	2343107.200	54735.910	905553.620	157254.530	123.438
2	01:02:05	1040666.200	3622.334	56462.925	490338.770	2342964.000	54174.401	906618.050	156554.720	145.313
3	01:03:13	1052879.900	3669.221	56139.780	490726.750	2366467.700	55626.842	911919.730	156562.610	100.000
x		1048431.300	3648.383	56140.305	489372.170	2350846.300	54845.718	908030.470	156790.620	122.917
σ		6748.540	23.874	322.357	2019.538	13528.710	732.420	3409.992	401.775	22.661
%RSD		0.644	0.654	0.574	0.413	0.575	1.335	0.376	0.256	18.436

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	01:00:57	12896.444	1257.868	4183.425	11201.265	9890.923	209071.900	9279.575	851.588	453.132
2	01:02:05	12919.902	1285.995	4127.159	11438.953	10069.172	209073.480	9157.622	896.903	498.446
3	01:03:13	12632.145	1264.118	4092.774	11118.387	9878.414	211859.390	9457.817	943.781	431.257
x		12816.164	1269.327	4134.452	11252.868	9946.170	210001.590	9298.338	897.424	460.945
σ		159.796	14.769	45.764	166.396	106.707	1608.902	150.975	46.099	34.269
%RSD		1.247	1.164	1.107	1.479	1.073	0.766	1.624	5.137	7.435

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	01:00:57	1607.903	785.959	1568.836	827.107	68.750	68.750	911.487	43.750	38.021
2	01:02:05	1607.903	837.525	1528.207	806.273	107.813	107.813	903.154	48.438	42.188
3	01:03:13	1559.460	756.270	1551.647	875.548	67.188	67.188	927.113	44.792	39.583
x		1591.755	793.251	1549.563	836.309	81.250	81.250	913.918	45.660	39.931
σ		27.969	41.115	20.395	35.542	23.017	23.017	12.163	2.461	2.105
%RSD		1.757	5.183	1.316	4.250	28.329	28.329	1.331	5.391	5.271

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	01:00:57	381.255	437.507	476.570	259.377	610.951	3.125	447554.100	218.752	12.500
2	01:02:05	306.253	420.319	448.445	279.690	593.762	3.125	455115.580	270.315	12.500
3	01:03:13	318.754	407.818	462.507	242.190	781.271	0.000	455889.680	223.439	15.625
x		335.421	421.881	462.507	260.419	661.995	2.083	452853.120	237.502	13.542
σ		40.183	14.906	14.063	18.772	103.653	1.804	4605.377	28.513	1.804
%RSD		11.980	3.533	3.041	7.208	15.658	86.603	1.017	12.006	13.323

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	01:00:57	0.000	0.000	15.625	7.813	140.626	356.254	59966.220	106183.790	1016825.300
2	01:02:05	3.125	3.125	10.938	10.938	100.000	373.442	60728.806	106717.430	1028823.100
3	01:03:13	3.125	3.125	20.313	9.375	114.063	321.879	60267.483	106297.130	1024733.300
x		2.083	2.083	15.625	9.375	118.230	350.525	60320.836	106399.450	1023460.600
σ		1.804	1.804	4.688	1.563	20.631	26.255	384.082	281.151	6099.326
%RSD		86.603	86.603	30.000	16.667	17.450	7.490	0.637	0.264	0.596

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	01:00:57	1043596.900	140.626	309.378	1040.663	898.466	2193.919	900385.570	27426.302
2	01:02:05	1055435.000	96.875	270.315	1039.100	960.970	2125.158	910217.730	27158.604
3	01:03:13	1054376.600	106.250	225.002	1076.603	846.900	2172.040	903260.360	27625.122
x		1051136.200	114.584	268.232	1052.122	902.112	2163.706	904621.220	27403.342
σ		6550.597	23.035	42.227	21.216	57.122	35.130	5055.375	234.105
%RSD		0.623	20.103	15.743	2.016	6.332	1.624	0.559	0.854

C4369-02 MH3100 11/09/2011 01:07:44 AM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	01:08:52	23553.776	19.792	356.254	2362.695	10477464.000	6636851.100	858514.430	1007843.000	71437.546
2	01:10:00	23866.795	23.958	320.316	2345.505	10510509.000	6631559.100	864065.830	1014447.700	72759.819
3	01:11:08	23376.924	25.000	370.317	2420.517	10674705.000	6726249.600	868058.230	1025125.700	72180.328
x		23599.165	22.917	348.963	2376.239	10554226.000	6664886.600	863546.160	1015805.400	72125.898
σ		248.070	2.756	25.786	39.298	105638.060	53207.737	4793.073	8720.989	662.815
%RSD		1.051	12.026	7.389	1.654	1.001	0.798	0.555	0.859	0.919

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	01:08:52	1053921.400	4172.484	56171.153	485270.020	2384442.400	54762.575	911873.150	157655.790	375.005
2	01:10:00	1078915.800	4106.840	56111.544	489782.670	2391271.000	55228.425	910607.030	157692.120	415.631
3	01:11:08	1075258.000	4158.418	56136.643	486937.860	2411977.200	55650.371	922905.120	156466.250	309.378
x		1069365.100	4145.914	56139.780	487330.180	2395896.900	55213.790	915128.430	157271.390	366.671
σ		13499.096	34.562	29.928	2281.762	14338.397	444.079	6764.499	697.503	53.614
%RSD		1.262	0.834	0.053	0.468	0.598	0.804	0.739	0.444	14.622

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	01:08:52	11750.143	2381.449	3783.313	22282.990	15905.725	391353.710	13381.264	310.941	893.778
2	01:10:00	11503.067	2187.668	3539.501	21419.170	16023.043	398861.830	13504.818	325.004	842.212
3	01:11:08	11560.926	2450.210	3511.369	21702.410	16451.655	402896.130	13628.373	379.693	909.404
x		11604.712	2339.775	3611.394	21801.523	16126.808	397703.890	13504.818	338.546	881.798
σ		129.227	136.142	149.549	440.356	287.376	5857.686	123.554	36.321	35.161
%RSD		1.114	5.819	4.141	2.020	1.782	1.473	0.915	10.729	3.987

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	01:08:52	1953.259	962.532	2082.964	814.607	53.125	53.125	908.883	38.542	38.542
2	01:10:00	1920.442	951.594	2092.341	831.274	56.250	56.250	929.197	47.396	50.521
3	01:11:08	2056.398	932.843	2168.915	813.044	78.125	78.125	934.406	48.438	42.188
x		1976.699	948.990	2114.740	819.642	62.500	62.500	924.162	44.792	43.750
σ		70.945	15.015	47.150	10.104	13.622	13.622	13.486	5.438	6.141
%RSD		3.589	1.582	2.230	1.233	21.795	21.795	1.459	12.140	14.036

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	01:08:52	401.568	353.129	464.070	201.564	593.762	1.563	452232.400	245.315	20.313
2	01:10:00	470.320	371.880	434.382	221.877	600.013	1.563	455509.070	259.377	10.938
3	01:11:08	400.006	346.879	412.506	240.627	523.447	0.000	446933.560	268.753	15.625
x		423.965	357.296	436.986	221.356	572.407	1.042	451558.340	257.815	15.625
σ		40.153	13.011	25.880	19.537	42.516	0.902	4327.312	11.797	4.688
%RSD		9.471	3.641	5.923	8.826	7.428	86.603	0.958	4.576	30.000

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	01:08:52	1.563	1.563	14.063	20.313	106.250	329.691	60939.073	108175.210	1026309.400
2	01:10:00	3.125	3.125	17.188	6.250	82.813	289.065	60779.019	107858.770	1033999.400
3	01:11:08	3.125	3.125	10.938	9.375	106.250	307.816	62031.259	110004.720	1016813.600
x		2.604	2.604	14.063	11.979	98.438	308.858	61249.784	108679.570	1025707.500
σ		0.902	0.902	3.125	7.384	13.532	20.333	681.493	1158.476	8608.713
%RSD		34.641	34.641	22.222	61.641	13.746	6.583	1.113	1.066	0.839

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	01:08:52	1050617.400	89.063	218.752	1114.106	907.841	2417.392	899088.850	28122.967
2	01:10:00	1057666.300	90.625	212.502	1139.108	990.659	2314.250	915990.030	28611.435
3	01:11:08	1042388.300	85.938	265.627	1273.494	1003.160	2597.111	897044.260	28603.607
x		1050224.000	88.542	232.294	1175.569	967.220	2442.918	904041.040	28446.003
σ		7646.602	2.387	29.037	85.722	51.802	143.148	10398.499	279.785
%RSD		0.728	2.696	12.500	7.292	5.356	5.860	1.150	0.984

C4369-03 MH3101 11/09/2011 01:15:38 AM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	01:16:46	23497.434	19.271	281.253	2876.852	10444618.000	6531953.900	845885.680	999518.810	13360.933
2	01:17:54	23736.892	27.604	348.442	3140.970	10491599.000	6614094.400	864082.410	1004370.100	13908.330
3	01:19:02	23932.530	21.875	268.753	3244.118	10424249.000	6619932.500	855205.810	1002019.600	13715.956
x		23722.285	22.917	299.482	3087.314	10453489.000	6588660.300	855057.970	1001969.500	13661.740
σ		217.916	4.263	42.858	189.421	34540.457	49195.862	9099.269	2426.027	277.697
%RSD		0.919	18.603	14.311	6.135	0.330	0.747	1.064	0.242	2.033

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	01:16:46	1013541.300	3681.724	55455.866	484462.030	2366038.200	53683.490	891540.230	157632.090	96.875
2	01:17:54	1021122.400	3617.646	56018.995	491189.120	2362271.400	53915.612	898809.570	158614.750	156.251
3	01:19:02	1024642.800	3623.897	56226.056	491531.860	2357249.100	53998.738	896108.490	161297.670	134.376
x		1019768.800	3641.089	55900.305	489061.000	2361852.900	53865.947	895486.100	159181.500	129.167
σ		5673.176	35.330	398.576	3986.512	4409.471	163.387	3674.420	1897.372	30.028
%RSD		0.556	0.970	0.713	0.815	0.187	0.303	0.410	1.192	23.248

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	01:16:46	10331.860	1071.915	3197.233	10286.515	13662.780	192610.070	8724.538	1181.299	442.194
2	01:17:54	10314.660	1212.552	3189.419	10166.116	13728.468	193576.120	8510.347	1240.679	390.630
3	01:19:02	10228.661	1167.235	3184.730	10152.043	14009.991	193593.540	8668.254	1265.681	423.444
x		10291.727	1150.567	3190.460	10201.558	13800.413	193259.910	8634.380	1229.220	418.756
σ		55.290	71.784	6.316	73.910	184.448	562.847	111.041	43.343	26.100
%RSD		0.537	6.239	0.198	0.724	1.337	0.291	1.286	3.526	6.233

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	01:16:46	1479.764	634.389	1470.388	754.187	65.625	65.625	907.320	33.854	29.167
2	01:17:54	1395.381	750.020	1529.769	823.982	65.625	65.625	947.948	43.229	39.063
3	01:19:02	1412.570	676.579	1456.324	795.856	79.688	79.688	937.531	44.792	41.146
x		1429.238	686.996	1485.494	791.341	70.313	70.313	930.933	40.625	36.458
σ		44.593	58.515	38.983	35.116	8.119	8.119	21.102	5.916	6.400
%RSD		3.120	8.518	2.624	4.438	11.547	11.547	2.267	14.561	17.555

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	01:16:46	346.879	426.569	453.132	228.127	660.953	0.000	454152.840	285.940	10.938
2	01:17:54	323.441	420.319	409.381	257.815	664.078	0.000	450242.890	262.502	7.813
3	01:19:02	321.879	443.757	510.947	270.315	625.014	0.000	463789.520	271.878	10.938
x		330.733	430.215	457.820	252.086	650.015	0.000	456061.750	273.440	9.896
σ		14.005	12.137	50.945	21.670	21.708	0.000	6972.140	11.797	1.804
%RSD		4.234	2.821	11.128	8.596	3.340	0.000	1.529	4.314	18.232

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	01:16:46	1.563	1.563	20.313	6.250	98.438	384.380	58172.890	102223.810	1024555.600
2	01:17:54	1.563	1.563	17.188	3.125	82.813	389.068	57968.938	104756.120	1037336.600
3	01:19:02	1.563	1.563	9.375	7.813	84.375	362.505	58453.720	103567.810	1058244.400
x		1.563	1.563	15.625	5.729	88.542	378.651	58198.516	103515.910	1040045.500
σ		0.000	0.000	5.634	2.387	8.606	14.178	243.405	1266.952	17006.955
%RSD		0.000	0.000	36.056	41.660	9.719	3.744	0.418	1.224	1.635

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	01:16:46	1054516.100	101.563	245.315	453.132	401.568	981.284	908971.720	27401.254
2	01:17:54	1063442.700	109.375	270.315	482.821	415.631	985.972	918251.980	27554.673
3	01:19:02	1077330.800	92.188	262.502	459.382	460.945	1010.973	937690.050	27481.094
x		1065096.500	101.042	259.377	465.112	426.048	992.743	921637.920	27479.007
σ		11496.906	8.606	12.790	15.652	31.029	15.961	14655.516	76.731
%RSD		1.079	8.517	4.931	3.365	7.283	1.608	1.590	0.279

C4369-04 MH3102 11/09/2011 01:23:33 AM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	01:24:41	23527.170	18.229	329.691	2937.802	4720971.400	4773234.600	613374.030	718053.620	5818.372
2	01:25:49	23430.136	21.875	323.441	3080.020	4662602.700	4727056.000	610195.280	716242.580	5954.366
3	01:26:58	24239.297	19.271	320.316	3058.140	4663701.800	4725268.900	607040.030	709809.700	6105.992
x		23732.201	19.792	324.483	3025.320	4682425.300	4741853.200	610203.110	714701.970	5959.577
σ		441.830	1.878	4.774	76.579	33386.431	27191.836	3167.008	4332.515	143.881
%RSD		1.862	9.488	1.471	2.531	0.713	0.573	0.519	0.606	2.414

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	01:24:41	788065.710	1978.262	64562.751	479789.490	1878001.000	58797.313	988618.450	155576.930	85.938
2	01:25:49	800306.350	1990.764	63961.618	485641.710	1872791.400	58648.265	980763.130	158139.210	65.625
3	01:26:58	780616.730	1928.255	64178.211	486385.120	1864520.000	58899.295	981923.280	159460.020	60.938
x		789662.930	1965.760	64234.193	483938.780	1871770.800	58781.624	983768.290	157725.390	70.834
σ		9941.509	33.076	304.451	3612.559	6798.216	126.248	4240.232	1974.344	13.289
%RSD		1.259	1.683	0.474	0.746	0.363	0.215	0.431	1.252	18.761

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	01:24:41	9310.846	1239.116	2667.437	9431.237	10993.291	182642.940	8907.464	1173.486	326.566
2	01:25:49	9026.288	1195.363	2917.485	9428.110	10852.558	180566.800	8747.990	1203.176	379.693
3	01:26:58	8752.681	1243.804	2769.018	9188.892	10885.396	180682.310	8793.331	1156.297	368.755
x		9029.938	1226.094	2784.647	9349.413	10910.415	181297.350	8816.261	1177.653	358.338
σ		279.101	26.718	125.755	139.024	73.627	1166.747	82.173	23.716	28.053
%RSD		3.091	2.179	4.516	1.487	0.675	0.644	0.932	2.014	7.829

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	01:24:41	1768.860	967.220	2375.197	1030.766	92.188	92.188	953.678	41.146	41.146
2	01:25:49	1790.737	834.399	2589.297	1020.349	65.625	65.625	919.300	38.021	32.813
3	01:26:58	1746.982	928.155	2517.409	1049.518	53.125	53.125	967.220	43.750	51.563
x		1768.860	909.925	2493.968	1033.544	70.313	70.313	946.733	40.972	41.840
σ		21.878	68.261	108.958	14.781	19.949	19.949	24.703	2.869	9.394
%RSD		1.237	7.502	4.369	1.430	28.372	28.372	2.609	7.001	22.453

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	01:24:41	393.755	532.822	543.760	357.817	871.902	1.563	450610.460	212.502	7.813
2	01:25:49	400.006	468.758	646.890	370.317	932.843	1.563	457325.110	246.877	15.625
3	01:26:58	371.880	542.198	581.262	329.691	942.219	0.000	461067.570	250.002	9.375
x		388.547	514.593	590.637	352.609	915.654	1.042	456334.380	236.460	10.938
σ		14.769	39.970	52.200	20.808	38.180	0.902	5298.482	20.808	4.134
%RSD		3.801	7.767	8.838	5.901	4.170	86.603	1.161	8.800	37.796

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	01:24:41	3.125	3.125	18.750	9.375	89.063	415.631	33630.163	59175.432	1028762.700
2	01:25:49	1.563	1.563	12.500	9.375	98.438	429.694	33473.546	59564.544	1033620.300
3	01:26:58	0.000	0.000	21.875	12.500	104.688	467.195	33600.406	58831.830	1039827.000
x		1.563	1.563	17.708	10.417	97.396	437.507	33568.038	59190.602	1034070.000
σ		1.563	1.563	4.774	1.804	7.864	26.655	83.174	366.593	5545.822
%RSD		100.000	100.000	26.956	17.321	8.075	6.092	0.248	0.619	0.536

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	01:24:41	1047544.200	90.625	220.314	3144.096	2670.562	6535.870	900977.440	18713.812
2	01:25:49	1055379.600	73.438	209.377	3172.227	2656.497	6454.583	913275.820	18515.116
3	01:26:58	1069796.500	95.313	217.189	3159.724	2654.934	6462.399	918263.630	18815.508
x		1057573.400	86.459	215.627	3158.683	2660.664	6484.284	910838.960	18681.478
σ		11287.224	11.517	5.634	14.095	8.607	44.845	8897.011	152.784
%RSD		1.067	13.321	2.613	0.446	0.323	0.692	0.977	0.818

C4369-05 MH3103 11/09/2011 01:31:29 AM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	01:32:37	23852.709	23.958	309.378	2662.748	6393772.100	4748035.500	617906.990	731639.460	6573.387
2	01:33:45	23693.069	17.708	368.755	2742.451	6348763.600	4725646.100	611284.130	722353.070	6756.285
3	01:34:53	23686.809	23.438	335.941	2804.963	6512095.100	4852972.400	631324.970	746290.790	6534.307
x		23744.196	21.701	338.025	2736.721	6418210.300	4775551.400	620172.030	733427.780	6621.326
σ		94.028	3.468	29.743	71.280	84363.559	67976.750	10210.617	12068.643	118.500
%RSD		0.396	15.980	8.799	2.605	1.314	1.423	1.646	1.646	1.790

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	01:32:37	804385.520	1989.201	67874.926	484465.260	1915745.600	59101.690	973085.740	159221.450	73.438
2	01:33:45	802733.900	1995.452	67535.824	488838.650	1914379.900	58161.908	969575.920	157502.550	101.563
3	01:34:53	823875.510	1929.818	67728.923	487325.750	1952763.400	59730.862	989240.640	156597.370	104.688
x		810331.640	1971.490	67713.224	486876.550	1927629.600	58998.153	977300.770	157773.790	93.229
σ		11758.365	36.224	170.095	2221.027	21777.161	789.585	10488.091	1332.901	17.211
%RSD		1.451	1.837	0.251	0.456	1.130	1.338	1.073	0.845	18.461

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	01:32:37	8704.213	1243.804	2537.725	9334.299	65826.310	175448.930	8621.351	1279.745	353.129
2	01:33:45	8447.810	1082.853	2497.093	9313.973	65320.873	174871.600	8408.724	1203.176	381.255
3	01:34:53	8217.988	1148.484	2361.133	9281.139	66747.758	176453.380	8672.944	1300.059	381.255
x		8456.670	1158.380	2465.317	9309.803	65964.980	175591.300	8567.673	1260.993	371.880
σ		243.234	80.930	92.485	26.824	723.479	800.439	140.050	51.091	16.238
%RSD		2.876	6.987	3.751	0.288	1.097	0.456	1.635	4.052	4.367

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	01:32:37	1873.560	946.906	1654.783	1091.708	46.875	46.875	987.534	45.833	45.313
2	01:33:45	1942.320	854.713	1729.792	1087.541	62.500	62.500	964.095	45.313	44.792
3	01:34:53	1953.259	959.407	1767.297	1120.356	48.438	48.438	941.177	49.479	33.333
x		1923.046	920.342	1717.291	1099.869	52.604	52.604	964.269	46.875	41.146
σ		43.204	57.179	57.289	17.865	8.606	8.606	23.179	2.270	6.771
%RSD		2.247	6.213	3.336	1.624	16.359	16.359	2.404	4.843	16.456

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	01:32:37	414.069	543.760	651.577	325.004	948.469	1.563	458023.520	256.252	18.750
2	01:33:45	409.381	535.948	581.262	356.254	998.472	0.000	457494.470	293.753	7.813
3	01:34:53	489.071	600.013	634.389	371.880	960.970	1.563	448917.780	259.377	15.625
x		437.507	559.907	622.409	351.046	969.304	1.042	454811.920	269.794	14.063
σ		44.717	34.952	36.657	23.868	26.023	0.902	5111.328	20.808	5.634
%RSD		10.221	6.242	5.889	6.799	2.685	86.603	1.124	7.712	40.062

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	01:32:37	1.563	1.563	14.063	17.188	579.699	496.884	33647.391	59296.244	1028417.300
2	01:33:45	1.563	1.563	10.938	7.813	518.759	490.633	34153.277	59991.325	1030825.700
3	01:34:53	3.125	3.125	20.313	12.500	610.951	467.195	34916.055	62351.398	1022631.100
x		2.083	2.083	15.104	12.500	569.803	484.904	34238.908	60546.322	1027291.300
σ		0.902	0.902	4.774	4.688	46.886	15.652	638.652	1601.408	4211.732
%RSD		43.301	43.301	31.604	37.500	8.228	3.228	1.865	2.645	0.410

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	01:32:37	1061329.900	56.250	195.314	431.257	328.129	843.775	911899.770	18870.267
2	01:33:45	1064606.000	67.188	232.814	435.944	323.441	862.526	920426.040	19208.217
3	01:34:53	1048623.900	70.313	192.189	378.130	346.879	840.650	898842.820	19461.685
x		1058186.600	64.583	206.772	415.110	332.816	848.984	910389.540	19180.057
σ		8441.983	7.384	22.607	32.111	12.402	11.832	10870.576	296.713
%RSD		0.798	11.433	10.933	7.736	3.726	1.394	1.194	1.547

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	01:40:33	24059.305	29.167	340.629	2873.727	6678336.400	4777652.900	621974.810	730300.030	8177.340
2	01:41:41	23868.360	26.563	318.754	3001.878	6754605.800	4840402.600	622854.090	738733.090	8385.273
3	01:42:49	24322.250	20.313	368.755	2944.053	6707759.500	4792307.800	625931.170	731434.020	8447.810
x		24083.305	25.347	342.712	2939.886	6713567.300	4803454.500	623586.690	733489.040	8336.807
σ		227.895	4.550	25.066	64.177	38464.955	32826.323	2077.434	4576.730	141.599
%RSD		0.946	17.953	7.314	2.183	0.573	0.683	0.333	0.624	1.698

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	01:40:33	805855.630	2107.968	67025.617	487998.130	1977720.900	60345.938	1001000.100	160355.910	103.125
2	01:41:41	814771.900	2173.603	67810.558	490287.040	1973899.100	60893.567	1004345.000	157470.950	107.813
3	01:42:49	807458.040	2093.903	67623.739	491732.330	1975826.500	60520.110	1004666.400	159245.150	131.251
x		809361.850	2125.158	67486.638	490005.830	1975815.500	60586.539	1003337.200	159024.000	114.063
σ		4753.245	42.540	410.037	1882.917	1910.937	279.793	2030.313	1455.134	15.068
%RSD		0.587	2.002	0.608	0.384	0.097	0.462	0.202	0.915	13.211

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	01:40:33	7738.033	1356.314	2334.566	11074.603	53895.223	203319.450	9423.420	1318.811	473.445
2	01:41:41	7742.723	1434.447	2301.748	10910.415	54207.338	203072.220	9470.326	1190.675	421.881
3	01:42:49	7623.909	1450.074	2345.505	10689.936	53445.099	202958.110	9306.155	1190.675	460.945
x		7701.555	1413.612	2327.273	10891.651	53849.220	203116.590	9399.967	1233.387	452.091
σ		67.284	50.232	22.772	193.019	383.196	184.709	84.561	73.980	26.898
%RSD		0.874	3.553	0.978	1.772	0.712	0.091	0.900	5.998	5.950

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	01:40:33	2604.925	1081.291	3314.447	1111.502	76.563	76.563	941.698	38.021	27.083
2	01:41:41	2568.981	1192.237	3233.178	1120.356	59.375	59.375	948.990	33.333	47.917
3	01:42:49	2572.107	1193.800	3231.616	1107.335	50.000	50.000	958.365	52.604	38.542
x		2582.004	1155.776	3259.747	1113.064	61.979	61.979	949.684	41.320	37.847
σ		19.911	64.511	47.378	6.650	13.471	13.471	8.356	10.050	10.434
%RSD		0.771	5.582	1.453	0.597	21.735	21.735	0.880	24.323	27.569

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	01:40:33	485.946	526.572	609.388	368.755	967.220	0.000	462550.300	304.691	21.875
2	01:41:41	507.822	500.009	587.512	351.567	850.025	0.000	456505.770	279.690	26.563
3	01:42:49	459.382	525.010	698.455	354.692	960.970	0.000	462250.190	279.690	31.250
x		484.383	517.197	631.785	358.338	926.072	0.000	460435.420	288.024	26.563
σ		24.257	14.906	58.765	9.156	65.932	0.000	3406.484	14.434	4.688
%RSD		5.008	2.882	9.301	2.555	7.120	0.000	0.740	5.011	17.647

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	01:40:33	4.688	4.688	25.000	28.125	115.625	489.071	34037.376	59324.486	1046200.900
2	01:41:41	9.375	9.375	17.188	35.938	126.563	450.007	33564.384	59760.673	1043576.800
3	01:42:49	4.688	4.688	31.250	46.875	140.626	395.318	33583.178	59371.556	1034636.900
x		6.250	6.250	24.479	36.979	127.605	444.799	33728.312	59485.572	1041471.500
σ		2.706	2.706	7.046	9.418	12.533	47.093	267.822	239.405	6062.620
%RSD		43.301	43.301	28.782	25.469	9.821	10.587	0.794	0.402	0.582

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	01:40:33	1066140.900	75.000	171.876	943.781	795.335	1856.371	927204.970	19051.758
2	01:41:41	1054719.300	79.688	132.813	923.467	803.148	1970.448	910690.210	18889.042
3	01:42:49	1061729.900	76.563	189.064	951.594	753.145	1867.310	923066.630	18679.392
x		1060863.400	77.084	164.584	939.614	783.876	1898.043	920320.600	18873.397
σ		5759.897	2.387	28.826	14.519	26.899	62.943	8593.009	186.675
%RSD		0.543	3.096	17.514	1.545	3.432	3.316	0.934	0.989

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	01:48:28	24397.378	23.958	264.065	2381.449	5382279.100	4711507.600	604375.880	718785.980	7480.083
2	01:49:37	23868.360	22.396	343.754	2423.643	5396396.100	4725824.900	610606.030	721636.960	7336.258
3	01:50:45	23603.859	22.917	337.504	2578.358	5444053.200	4782657.000	618172.820	727674.120	7648.922
x		23956.532	23.090	315.108	2461.150	5407576.200	4739996.500	611051.580	722699.020	7488.421
σ		404.041	0.796	44.315	103.674	32369.030	37632.254	6909.253	4538.249	156.499
%RSD		1.687	3.446	14.063	4.212	0.599	0.794	1.131	0.628	2.090

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	01:48:28	791002.800	2103.280	65088.566	491069.480	1917640.000	58692.195	972793.360	159248.310	89.063
2	01:49:37	799758.140	2087.653	65826.310	492647.440	1924281.400	59040.501	980256.640	159412.620	117.188
3	01:50:45	803113.760	2156.413	65016.364	495370.470	1934348.100	59945.822	993101.430	159660.680	76.563
x		797958.230	2115.782	65310.413	493029.130	1925423.200	59226.172	982050.480	159440.540	94.271
σ		6252.887	36.045	448.236	2175.749	8412.363	647.109	10272.187	207.601	20.807
%RSD		0.784	1.704	0.686	0.441	0.437	1.093	1.046	0.130	22.072

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	01:48:28	7231.517	1168.798	2165.789	9342.116	23602.294	178997.230	8502.530	660.953	362.505
2	01:49:37	6918.863	1214.114	1993.889	9353.061	23149.992	180856.360	8802.711	703.142	371.880
3	01:50:45	6889.161	1229.740	2095.466	9351.497	23539.691	181513.050	8877.758	682.829	346.879
x		7013.180	1204.217	2085.048	9348.891	23430.659	180455.550	8727.666	682.308	360.421
σ		189.668	31.654	86.422	5.919	245.072	1304.925	198.552	21.100	12.630
%RSD		2.704	2.629	4.145	0.063	1.046	0.723	2.275	3.092	3.504

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	01:48:28	2128.284	934.406	1693.850	1006.806	56.250	56.250	959.407	37.500	33.854
2	01:49:37	2197.044	1004.723	1628.218	1071.394	43.750	43.750	942.739	40.625	40.625
3	01:50:45	2145.474	1160.985	1786.049	1050.560	45.313	45.313	975.033	35.938	44.792
x		2156.934	1033.371	1702.706	1042.920	48.438	48.438	959.060	38.021	39.757
σ		35.784	115.974	79.287	32.965	6.811	6.811	16.150	2.387	5.520
%RSD		1.659	11.223	4.657	3.161	14.061	14.061	1.684	6.278	13.885

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	01:48:28	395.318	542.198	596.887	345.317	878.152	0.000	459986.670	257.815	15.625
2	01:49:37	370.317	514.072	664.078	389.068	896.903	1.563	459257.520	281.253	20.313
3	01:50:45	400.006	543.760	621.889	339.067	964.095	0.000	462338.930	215.627	12.500
x		388.547	533.343	627.618	357.817	913.050	0.521	460527.710	251.565	16.146
σ		15.960	16.708	33.960	27.244	45.190	0.902	1610.378	33.257	3.932
%RSD		4.108	3.133	5.411	7.614	4.949	173.205	0.350	13.220	24.354

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	01:48:28	3.125	3.125	12.500	25.000	210.939	478.133	33725.700	58849.088	1045054.200
2	01:49:37	1.563	1.563	9.375	18.750	204.689	407.818	33417.164	59798.331	1046966.500
3	01:50:45	3.125	3.125	10.938	15.625	234.377	435.944	33929.307	60160.785	1046115.200
x		2.604	2.604	10.938	19.792	216.668	440.632	33690.724	59602.735	1046045.300
σ		0.902	0.902	1.563	4.774	15.651	35.391	257.857	677.370	958.108
%RSD		34.641	34.641	14.286	24.119	7.224	8.032	0.765	1.136	0.092

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	01:48:28	1067568.400	79.688	175.001	2372.072	2036.083	4936.790	920860.550	18291.390
2	01:49:37	1075387.500	98.438	178.126	2433.020	2012.642	5035.262	925442.910	18134.941
3	01:50:45	1071888.700	73.438	173.439	2411.141	2034.520	4827.378	921876.140	18231.939
x		1071614.900	83.854	175.522	2405.411	2027.748	4933.144	922726.540	18219.423
σ		3916.739	13.010	2.387	30.875	13.106	103.990	2406.632	78.972
%RSD		0.365	15.516	1.360	1.284	0.646	2.108	0.261	0.433

C4369-08 MH3106 11/09/2011 01:55:17 AM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	01:56:25	23484.913	26.042	1310.998	2043.896	13007661.000	4870586.000	629509.950	740995.880	25790.447
2	01:57:33	23054.525	23.438	1400.069	2068.900	12985697.000	4863099.800	628765.730	738261.170	25626.089
3	01:58:41	22813.514	23.958	1346.939	2079.839	12899797.000	4837503.400	628933.830	740926.800	25757.575
x		23117.651	24.479	1352.668	2064.212	12964385.000	4857063.100	629069.840	740061.280	25724.703
σ		340.122	1.378	44.811	18.424	57002.580	17347.785	390.309	1559.329	86.970
%RSD		1.471	5.629	3.313	0.893	0.440	0.357	0.062	0.211	0.338

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	01:56:25	804193.930	1992.326	73590.621	1107479.100	2017580.200	58618.456	965788.060	154798.230	128.126
2	01:57:33	809500.130	2068.900	73168.147	1121455.700	1999704.600	59128.363	963760.920	153144.610	117.188
3	01:58:41	795581.200	2047.022	72960.840	1116542.300	1982159.500	57743.026	963101.410	154393.890	129.688
x		803091.750	2036.083	73239.869	1115159.000	1999814.800	58496.615	964216.800	154112.240	125.001
σ		7024.617	39.441	320.958	7090.232	17710.618	700.659	1400.141	862.036	6.811
%RSD		0.875	1.937	0.438	0.636	0.886	1.198	0.145	0.559	5.449

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	01:56:25	50572.168	1459.450	17164.994	9167.003	67582.921	171918.900	8479.078	589.075	367.192
2	01:57:33	56767.252	1459.450	18884.348	9410.911	67130.797	172369.600	8374.329	564.074	381.255
3	01:58:41	60306.711	1528.207	19748.015	9493.779	67356.857	169934.430	8355.568	573.449	454.695
x		55882.044	1482.369	18599.119	9357.231	67356.858	171407.640	8402.992	575.532	401.047
σ		4927.274	39.697	1314.921	169.873	226.062	1295.587	66.557	12.630	46.989
%RSD		8.817	2.678	7.070	1.815	0.336	0.756	0.792	2.194	11.717

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	01:56:25	2214.234	1035.975	2726.823	2051.189	315.628	315.628	902.112	36.979	36.458
2	01:57:33	2268.930	1048.476	2692.441	2104.322	346.879	346.879	887.007	43.750	42.708
3	01:58:41	2248.615	1026.599	2631.492	2243.926	406.256	406.256	933.885	40.625	35.417
x		2243.926	1037.017	2683.585	2133.146	356.254	356.254	907.668	40.451	38.194
σ		27.648	10.975	48.278	99.549	46.035	46.035	23.928	3.389	3.944
%RSD		1.232	1.058	1.799	4.667	12.922	12.922	2.636	8.377	10.325

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	01:56:25	643.765	614.076	693.767	412.506	1000.035	1.563	450242.890	246.877	18.750
2	01:57:33	543.760	571.886	684.391	396.881	1042.226	4.688	449812.460	290.628	28.125
3	01:58:41	575.012	625.014	664.078	378.130	1010.973	0.000	442791.910	243.752	25.000
x		587.512	603.659	680.745	395.839	1017.745	2.083	447615.750	260.419	23.958
σ		51.161	28.054	15.177	17.212	21.895	2.387	4183.109	26.208	4.774
%RSD		8.708	4.647	2.229	4.348	2.151	114.564	0.935	10.064	19.924

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	01:56:25	4.688	4.688	34.375	10.938	173.439	367.192	32818.905	57565.750	1020881.000
2	01:57:33	4.688	4.688	31.250	10.938	104.688	453.132	32294.273	57821.467	1016305.900
3	01:58:41	4.688	4.688	26.563	28.125	120.313	428.131	32371.009	57699.099	1013631.800
x		4.688	4.688	30.729	16.667	132.813	416.152	32494.729	57695.439	1016939.600
σ		0.000	0.000	3.932	9.923	36.040	44.205	283.354	127.898	3665.944
%RSD		0.000	0.000	12.796	59.539	27.136	10.622	0.872	0.222	0.360

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	01:56:25	1047895.100	114.063	276.565	420.319	359.380	909.404	894950.090	20237.762
2	01:57:33	1031253.400	89.063	268.753	414.069	379.693	853.150	891596.720	20541.320
3	01:58:41	1045633.400	90.625	237.502	423.444	317.191	817.211	898106.410	20195.515
x		1041594.000	97.917	260.940	419.277	352.088	859.922	894884.410	20324.866
σ		9026.330	14.005	20.670	4.774	31.882	46.468	3255.342	188.641
%RSD		0.867	14.303	7.921	1.139	9.055	5.404	0.364	0.928

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	02:04:20	23065.481	37986.374	6266.999	1306.310	37373022.000	28196139.000	3878264.600	4492486.300	6278999.000
2	02:05:28	23583.513	37711.690	6193.530	1262.556	36992738.000	28168070.000	3841418.000	4471242.300	6240199.200
3	02:06:36	22948.104	38464.213	6513.985	1228.178	37606930.000	28462368.000	3893933.000	4499944.900	6315902.600
x		23199.033	38054.092	6324.838	1265.681	37324230.000	28275526.000	3871205.200	4487891.200	6278366.900
σ		338.102	380.805	167.874	39.160	309989.060	162417.850	26959.847	14892.840	37855.672
%RSD		1.457	1.001	2.654	3.094	0.831	0.574	0.696	0.332	0.603

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	02:04:20	73711.554	338048.220	76969.292	476126.190	21514199.000	96587.923	1584344.000	154095.380	49963.783
2	02:05:28	75128.281	335145.070	77090.255	473493.960	21376338.000	95249.292	1577183.200	157199.240	49891.657
3	02:06:36	75483.270	339488.020	77308.617	475493.120	21777343.000	97133.793	1598465.100	155643.280	50609.801
x		74774.368	337560.440	77122.721	475037.750	21555960.000	96323.669	1586664.100	155645.960	50155.080
σ		937.382	2212.181	171.977	1373.926	203738.320	969.643	10828.988	1551.930	395.448
%RSD		1.254	0.655	0.223	0.289	0.945	1.007	0.683	0.997	0.788

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	02:04:20	777332.190	708623.230	89111.441	2765389.600	2198317.600	47282888.000	1135001.200	891279.370	195700.080
2	02:05:28	760070.810	698424.900	89050.122	2735107.400	2154464.600	46558858.000	1117708.100	877541.820	191796.100
3	02:06:36	771442.650	709281.270	89135.025	2776679.400	2199063.400	47486718.000	1147113.700	895601.580	194114.600
x		769615.220	705443.130	89098.863	2759058.800	2183948.500	47109488.000	1133274.300	888140.920	193870.260
σ		8774.593	6086.872	43.826	21496.863	25536.581	487628.620	14778.659	9430.066	1963.424
%RSD		1.140	0.863	0.049	0.779	1.169	1.035	1.304	1.062	1.013

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	02:04:20	977116.120	475774.120	368182.620	167079.170	9106.026	9106.026	31309.272	12903.742	40.104
2	02:05:28	971553.750	471753.400	367379.530	164930.990	9379.641	9379.641	30951.201	12788.013	39.063
3	02:06:36	976243.780	476764.130	372323.840	168544.150	9628.244	9628.244	30963.206	12838.058	42.708
x		974971.220	474763.880	369295.330	166851.440	9371.304	9371.304	31074.560	12843.271	40.625
σ		2991.584	2653.732	2653.327	1817.313	261.208	261.208	203.355	58.040	1.878
%RSD		0.307	0.559	0.718	1.089	2.787	2.787	0.654	0.452	4.623

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	02:04:20	174131.390	309501.130	329057.550	199384.880	505581.510	1.563	437509.400	20017.139	949858.960
2	02:05:28	174139.300	307333.200	332252.100	195476.740	505288.600	4.688	445445.980	19959.246	948099.200
3	02:06:36	175347.700	309994.470	333872.030	200189.770	509637.500	9.375	443741.000	19594.679	955324.720
x		174539.470	308942.930	331727.230	198350.470	506835.870	5.208	442232.130	19857.021	951094.290
σ		699.962	1415.725	2449.781	2521.049	2430.700	3.932	4177.897	229.032	3767.837
%RSD		0.401	0.458	0.738	1.271	0.480	75.498	0.945	1.153	0.396

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	02:04:20	15223.732	15223.732	923451.280	228217.850	637418.040	973241.120	868753.320	1526703.300	1003429.200
2	02:05:28	15209.655	15209.655	922295.720	228224.200	636276.620	964642.540	865148.830	1516577.000	1019362.500
3	02:06:36	15270.657	15270.657	932225.820	232152.360	638804.520	979461.000	865870.320	1545957.200	1015220.100
x		15234.682	15234.682	925990.940	229531.470	637499.730	972448.220	866590.820	1529745.800	1012670.600
σ		31.941	31.941	5430.388	2269.762	1265.927	7440.981	1907.204	14924.530	8266.974
%RSD		0.210	0.210	0.586	0.989	0.199	0.765	0.220	0.976	0.816

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	02:04:20	1024503.700	1451033.900	3683992.500	1183024.000	1091369.900	2547778.100	869043.640	6210949.800
2	02:05:28	1042559.500	1436735.100	3637707.300	1167630.000	1087219.100	2557642.300	883962.260	6127061.300
3	02:06:36	1036897.000	1440584.400	3710821.900	1177627.800	1097055.000	2564432.200	879399.420	6203290.500
x		1034653.400	1442784.500	3677507.200	1176093.900	1091881.300	2556617.500	877468.440	6180433.900
σ		9234.656	7398.960	36986.189	7810.781	4937.870	8374.222	7644.465	46380.363
%RSD		0.893	0.513	1.006	0.664	0.452	0.328	0.871	0.750

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	02:12:14	23668.027	32.292	118.750	985.972	238168.940	4270.951	503.134	610.951	1923.567
2	02:13:22	23608.554	30.729	114.063	985.972	238272.210	2909.671	400.006	353.129	1742.294
3	02:14:30	24649.372	26.042	117.188	992.222	236451.710	2461.150	326.566	326.566	1539.145
x		23975.318	29.688	116.667	988.055	237630.950	3213.924	409.902	430.215	1735.002
σ		584.505	3.253	2.387	3.609	1022.561	942.482	88.699	157.084	192.315
%RSD		2.438	10.956	2.046	0.365	0.430	29.325	21.639	36.513	11.084

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	02:12:14	2700.255	2004.828	44169.741	479356.570	395450.170	23.438	2372.072	155704.880	29.688
2	02:13:22	2431.457	2126.721	45110.173	477792.970	393129.610	28.125	2247.052	157079.180	34.375
3	02:14:30	2575.232	2022.018	45205.787	475325.160	388508.870	17.188	2093.903	158929.160	29.688
x		2568.981	2051.189	44828.567	477491.570	392362.890	22.917	2237.676	157237.740	31.250
σ		134.508	65.975	572.559	2032.532	3533.597	5.487	139.321	1617.977	2.706
%RSD		5.236	3.216	1.277	0.426	0.901	23.945	6.226	1.029	8.660

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	02:12:14	10658.662	981.284	3670.784	8055.396	692.204	131903.020	4280.329	106.250	154.688
2	02:13:22	10386.587	904.716	3647.341	7797.440	621.889	130619.430	4463.197	57.813	167.188
3	02:14:30	9809.617	948.469	3222.238	8174.213	618.763	129242.940	4414.744	68.750	231.252
x		10284.955	944.823	3513.454	8009.016	644.285	130588.460	4386.090	77.604	184.376
σ		433.551	38.414	252.473	192.621	41.528	1330.313	94.742	25.404	41.074
%RSD		4.215	4.066	7.186	2.405	6.446	1.019	2.160	32.735	22.277

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	02:12:14	339.067	143.751	112.500	243.752	76.563	76.563	991.180	43.750	39.583
2	02:13:22	328.129	137.501	148.438	220.314	70.313	70.313	942.739	40.104	42.188
3	02:14:30	289.065	98.438	143.751	231.773	50.000	50.000	942.219	39.583	45.313
x		318.754	126.563	134.896	231.946	65.625	65.625	958.713	41.146	42.361
σ		26.286	24.557	19.537	11.720	13.888	13.888	28.119	2.270	2.869
%RSD		8.246	19.403	14.483	5.053	21.162	21.162	2.933	5.518	6.772

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	02:12:14	418.756	746.895	804.710	517.197	1157.859	3.125	461012.710	239.065	87.500
2	02:13:22	287.503	518.759	548.448	346.879	842.212	0.000	453914.180	267.190	48.438
3	02:14:30	271.878	329.691	376.567	226.564	579.699	1.563	459657.580	259.377	54.688
x		326.046	531.782	576.575	363.547	859.924	1.563	458194.820	255.211	63.542
σ		80.669	208.906	215.453	146.031	289.487	1.563	3768.556	14.518	20.983
%RSD		24.742	39.284	37.368	40.169	33.664	100.000	0.822	5.689	33.022

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	02:12:14	0.000	0.000	75.000	21.875	542.198	1781.361	68.750	93.750	1019665.900
2	02:13:22	1.563	1.563	39.063	14.063	384.380	1215.677	10.938	37.500	1011990.000
3	02:14:30	0.000	0.000	18.750	3.125	332.816	931.280	6.250	12.500	1038776.400
x		0.521	0.521	44.271	13.021	419.798	1309.439	28.646	47.917	1023477.500
σ		0.902	0.902	28.484	9.418	109.092	432.727	34.810	41.615	13793.966
%RSD		173.205	173.205	64.341	72.333	25.987	33.047	121.519	86.848	1.348

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	02:12:14	1038029.600	181.251	500.009	159.376	121.876	304.691	904316.310	637.514
2	02:13:22	1033516.300	143.751	335.941	60.938	56.250	162.501	905981.050	335.941
3	02:14:30	1052100.500	110.938	237.502	57.813	75.000	185.939	910142.870	170.314
x		1041215.500	145.313	357.817	92.709	84.375	217.710	906813.410	381.256
σ		9693.049	35.183	132.614	57.757	33.802	76.234	3001.133	236.874
%RSD		0.931	24.212	37.062	62.299	40.062	35.016	0.331	62.130

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	02:20:07	24445.898	27.604	537.510	1917.316	5828409.200	4636505.800	602378.490	702858.010	12192.701
2	02:21:16	23794.800	27.083	446.882	2017.330	5929489.100	4727056.000	607786.410	712803.370	12924.594
3	02:22:24	23968.528	23.958	437.507	1982.950	5922417.100	4648628.800	599892.730	709391.230	12466.374
x		24069.742	26.215	473.966	1972.532	5893438.500	4670730.200	603352.540	708350.870	12527.890
σ		337.143	1.972	55.230	50.814	56427.914	49154.740	4035.980	5053.643	369.804
%RSD		1.401	7.522	11.653	2.576	0.957	1.052	0.669	0.713	2.952

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	02:20:07	809176.290	2251.740	65435.458	481879.990	1881899.900	58345.466	960877.650	158812.240	109.375
2	02:21:16	816791.860	2408.015	66229.731	484255.190	1888133.800	60110.574	990036.800	159540.600	110.938
3	02:22:24	809239.070	2148.599	66119.848	484875.720	1885104.900	58695.333	968189.600	162037.220	92.188
x		811735.740	2269.452	65928.346	483670.300	1885046.200	59050.458	973034.680	160130.020	104.167
σ		4378.841	130.612	430.375	1581.191	3117.351	934.605	15171.359	1691.354	10.404
%RSD		0.539	5.755	0.653	0.327	0.165	1.583	1.559	1.056	9.988

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	02:20:07	9751.765	1398.506	3028.446	11485.866	26693.666	218013.450	9709.549	1796.988	457.820
2	02:21:16	9795.545	1407.882	2967.496	11603.148	27113.205	223409.930	9973.793	1756.358	404.693
3	02:22:24	9295.211	1392.255	2867.475	11342.001	27216.526	223109.980	9837.761	1970.448	429.694
x		9614.173	1399.548	2954.472	11477.005	27007.799	221511.120	9840.368	1841.265	430.736
σ		277.096	7.865	81.272	130.799	276.909	3032.783	132.142	113.706	26.579
%RSD		2.882	0.562	2.751	1.140	1.025	1.369	1.343	6.175	6.171

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	02:20:07	2078.276	978.158	4947.732	1073.999	62.500	62.500	947.948	42.188	47.396
2	02:21:16	2179.854	992.222	5124.356	1072.436	64.063	64.063	995.868	40.104	48.438
3	02:22:24	2147.036	1060.977	5018.069	1055.247	53.125	53.125	916.696	42.708	42.188
x		2135.055	1010.452	5030.052	1067.227	59.896	59.896	953.504	41.667	46.007
σ		51.838	44.317	88.920	10.404	5.916	5.916	39.877	1.378	3.349
%RSD		2.428	4.386	1.768	0.975	9.876	9.876	4.182	3.307	7.278

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	02:20:07	503.134	737.519	845.338	471.883	1204.738	4.688	455228.460	225.002	93.750
2	02:21:16	595.325	684.391	835.962	471.883	1278.182	1.563	455986.450	256.252	142.188
3	02:22:24	556.261	682.829	764.083	473.445	1226.615	1.563	467630.490	265.627	134.376
x		551.573	701.580	815.127	472.404	1236.512	2.604	459615.130	248.961	123.438
σ		46.274	31.134	44.454	0.902	37.709	1.804	6951.839	21.272	26.005
%RSD		8.389	4.438	5.454	0.191	3.050	69.282	1.513	8.544	21.068

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	02:20:07	3.125	3.125	104.688	42.188	251.565	832.837	32767.224	57684.980	1032120.600
2	02:21:16	4.688	4.688	104.688	59.375	248.440	901.591	32798.545	57711.650	1029084.700
3	02:22:24	3.125	3.125	115.625	48.438	284.378	810.961	33326.327	57970.507	1056654.800
x		3.646	3.646	108.334	50.000	261.461	848.463	32964.032	57789.046	1039286.700
σ		0.902	0.902	6.315	8.700	19.908	47.293	314.147	157.715	15117.615
%RSD		24.744	24.744	5.829	17.399	7.614	5.574	0.953	0.273	1.455

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	02:20:07	1055174.600	292.190	726.581	785.959	634.389	1670.410	911393.970	19328.692
2	02:21:16	1057459.700	407.818	939.093	907.841	757.833	1839.181	911264.200	19915.435
3	02:22:24	1083311.800	359.380	865.651	800.022	737.519	1614.154	935236.810	19959.246
x		1065315.300	353.129	843.775	831.274	709.914	1707.915	919298.330	19734.458
σ		15627.175	58.067	107.932	66.681	66.190	117.108	13803.285	352.085
%RSD		1.467	16.443	12.792	8.022	9.324	6.857	1.502	1.784

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	02:28:02	24189.212	23.438	489.071	2311.124	6623661.400	4677243.500	601526.510	708153.920	12683.753
2	02:29:10	24485.028	25.521	490.633	2237.675	6696011.900	4688423.300	607514.250	716866.490	12419.459
3	02:30:18	24103.129	25.521	475.008	2307.999	6698246.100	4727423.400	608912.560	719611.990	12150.477
x		24259.123	24.826	484.904	2285.600	6672639.800	4697696.700	605984.440	714877.470	12417.896
σ		200.318	1.203	8.606	41.533	42431.264	26343.943	3923.481	5982.387	266.641
%RSD		0.826	4.845	1.775	1.817	0.636	0.561	0.647	0.837	2.147

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	02:28:02	803242.580	2111.093	66738.339	484601.000	1879091.400	57727.338	961747.410	161812.820	79.688
2	02:29:10	816233.120	1967.323	67130.797	495318.720	1891922.600	57978.351	966634.740	161010.080	98.438
3	02:30:18	822254.760	2009.516	68025.640	491777.600	1885358.300	58227.800	973109.130	161706.940	98.438
x		813910.150	2029.311	67298.259	490565.770	1885457.400	57977.830	967163.760	161509.950	92.188
σ		9716.631	73.901	659.787	5460.657	6416.175	250.232	5699.302	436.125	10.825
%RSD		1.194	3.642	0.980	1.113	0.340	0.432	0.589	0.270	11.743

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	02:28:02	8774.569	1306.310	2518.972	10247.424	40309.916	193693.320	9063.812	2101.717	381.255
2	02:29:10	8413.414	1293.809	2636.181	10086.372	40549.656	193975.230	9387.458	1975.137	421.881
3	02:30:18	7939.706	1292.246	2615.865	10413.169	40187.697	195753.930	9242.051	2078.276	378.130
x		8375.896	1297.455	2590.339	10248.988	40349.090	194474.160	9231.107	2051.710	393.755
σ		418.694	7.708	62.635	163.404	184.131	1117.244	162.101	67.342	24.408
%RSD		4.999	0.594	2.418	1.594	0.456	0.574	1.756	3.282	6.199

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	02:28:02	2057.961	1004.723	2181.417	1066.707	67.188	67.188	1041.705	43.750	47.917
2	02:29:10	2159.538	1093.792	2256.428	1070.874	56.250	56.250	932.843	41.146	37.500
3	02:30:18	2115.782	1015.661	2254.865	1065.144	39.063	39.063	982.325	34.375	38.021
x		2111.093	1038.059	2230.903	1067.575	54.167	54.167	985.624	39.757	41.146
σ		50.951	48.575	42.864	2.962	14.178	14.178	54.506	4.839	5.870
%RSD		2.413	4.679	1.921	0.277	26.174	26.174	5.530	12.172	14.265

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	02:28:02	490.633	631.264	718.768	440.632	985.972	1.563	463034.360	246.877	35.938
2	02:29:10	501.571	618.763	692.204	451.570	1076.603	0.000	459152.660	235.939	28.125
3	02:30:18	489.071	634.389	703.142	437.507	996.910	0.000	462171.130	267.190	51.563
x		493.759	628.139	704.705	443.236	1019.828	0.521	461452.720	250.002	38.542
σ		6.811	8.268	13.351	7.384	49.472	0.902	2038.130	15.858	11.934
%RSD		1.379	1.316	1.895	1.666	4.851	173.205	0.442	6.343	30.963

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	02:28:02	0.000	0.000	37.500	28.125	165.626	600.013	32540.143	56613.519	1041292.200
2	02:29:10	3.125	3.125	29.688	18.750	131.251	648.452	33058.519	57281.800	1048014.300
3	02:30:18	9.375	9.375	18.750	15.625	146.876	614.076	32236.330	57236.306	1048415.700
x		4.167	4.167	28.646	20.833	147.917	620.847	32611.664	57043.875	1045907.400
σ		4.774	4.774	9.418	6.505	17.211	24.920	415.734	373.393	4001.902
%RSD		114.564	114.564	32.878	31.225	11.636	4.014	1.275	0.655	0.383

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	02:28:02	1066922.800	142.188	325.004	468.758	423.444	985.972	915224.480	19258.285
2	02:29:10	1067069.000	118.750	253.127	537.510	392.193	993.785	918524.970	19336.515
3	02:30:18	1076928.600	109.375	303.128	515.634	429.694	946.906	922915.110	19505.495
x		1070306.800	123.438	293.753	507.301	415.110	975.554	918888.180	19366.765
σ		5735.129	16.901	36.844	35.126	20.092	25.115	3858.163	126.351
%RSD		0.536	13.692	12.542	6.924	4.840	2.574	0.420	0.652

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	02:35:57	24006.091	25.521	532.822	1945.445	6685543.600	4704944.700	607116.620	712800.090	10305.278
2	02:37:05	23628.900	24.479	515.634	2112.656	6729948.500	4749177.300	611305.320	720702.450	10239.606
3	02:38:13	24311.294	24.479	482.821	2064.212	6718182.800	4737511.000	613566.410	721909.600	10374.078
x		23982.095	24.826	510.426	2040.771	6711225.000	4730544.300	610662.780	718470.710	10306.321
σ		341.829	0.601	25.405	86.035	23005.604	22924.467	3272.549	4947.857	67.242
%RSD		1.425	2.422	4.977	4.216	0.343	0.485	0.536	0.689	0.652

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	02:35:57	814838.010	1918.879	67928.303	489236.290	1903013.600	58565.112	964799.510	159877.150	75.000
2	02:37:05	827236.640	2032.957	68590.833	494497.230	1913873.300	58626.300	971958.030	158363.550	84.375
3	02:38:13	825347.560	1914.191	67791.719	497605.540	1894852.300	58373.706	972141.800	160447.550	75.000
x		822474.070	1955.342	68103.618	493779.690	1903913.000	58521.706	969633.110	159562.750	78.125
σ		6680.135	67.257	427.431	4230.513	9542.355	131.772	4187.035	1076.985	5.413
%RSD		0.812	3.440	0.628	0.857	0.501	0.225	0.432	0.675	6.928

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	02:35:57	7508.223	1150.046	2275.181	9817.435	40801.935	185765.630	8529.108	1998.577	371.880
2	02:37:05	7403.480	1154.734	2123.595	9894.050	40861.480	188110.080	8807.402	1975.137	403.131
3	02:38:13	7326.878	1170.360	2212.671	9795.545	40809.770	187054.160	8624.478	2123.595	359.380
x		7412.861	1158.380	2203.816	9835.676	40824.395	186976.620	8653.662	2032.436	378.130
σ		91.035	10.637	76.180	51.724	32.355	1174.143	141.424	79.811	22.535
%RSD		1.228	0.918	3.457	0.526	0.079	0.628	1.634	3.927	5.960

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	02:35:57	2090.778	876.589	2109.531	1041.705	68.750	68.750	1006.285	37.500	41.146
2	02:37:05	2050.147	848.463	2086.090	1070.874	48.438	48.438	985.972	46.354	39.063
3	02:38:13	1918.879	885.965	2073.588	1076.603	51.563	51.563	984.409	39.063	42.708
x		2019.935	870.339	2089.736	1063.060	56.250	56.250	992.222	40.972	40.972
σ		89.844	19.517	18.247	18.715	10.938	10.938	12.204	4.726	1.829
%RSD		4.448	2.242	0.873	1.761	19.444	19.444	1.230	11.534	4.464

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	02:35:57	456.257	639.077	695.329	415.631	1090.667	1.563	460733.610	271.878	46.875
2	02:37:05	431.257	598.450	645.327	440.632	1048.476	0.000	460885.260	262.502	25.000
3	02:38:13	465.633	679.704	723.456	421.881	1017.224	3.125	456900.920	285.940	31.250
x		451.049	639.077	688.037	426.048	1052.122	1.563	459506.600	273.440	34.375
σ		17.770	40.627	39.572	13.011	36.857	1.563	2257.858	11.797	11.267
%RSD		3.940	6.357	5.751	3.054	3.503	100.000	0.491	4.314	32.778

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	02:35:57	4.688	4.688	54.688	9.375	150.001	526.572	32493.161	57741.457	1040931.400
2	02:37:05	0.000	0.000	25.000	10.938	146.876	628.139	32789.149	57882.652	1036848.300
3	02:38:13	3.125	3.125	50.000	12.500	123.438	571.886	32452.444	58144.650	1044782.200
x		2.604	2.604	43.229	10.938	140.105	575.532	32578.251	57922.920	1040854.000
σ		2.387	2.387	15.960	1.563	14.518	50.881	183.774	204.590	3967.495
%RSD		91.652	91.652	36.919	14.286	10.362	8.841	0.564	0.353	0.381

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	02:35:57	1060817.300	120.313	256.252	342.192	307.816	725.018	915405.870	19275.495
2	02:37:05	1056328.900	106.250	203.126	356.254	278.128	754.707	911673.490	19541.481
3	02:38:13	1064562.300	129.688	264.065	335.941	323.441	706.267	916775.600	19269.237
x		1060569.500	118.751	241.148	344.796	303.128	728.664	914618.320	19362.071
σ		4122.314	11.797	33.158	10.404	23.018	24.425	2640.656	155.405
%RSD		0.389	9.934	13.750	3.017	7.593	3.352	0.289	0.803

C4369-10LX5 MH3108L 11/09/2011 02:50:40 AM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	02:51:48	23218.854	25.521	112.500	1156.297	1511845.800	858545.930	117427.520	138538.830	3841.141
2	02:52:56	23467.697	23.438	120.313	1148.484	1507170.200	857559.560	117578.760	136978.580	3781.751
3	02:54:05	22866.724	20.833	140.626	1203.176	1509017.000	872869.780	119062.850	139961.970	3625.460
x		23184.425	23.264	124.480	1169.319	1509344.300	862991.760	118023.040	138493.120	3749.451
σ		301.962	2.349	14.518	29.580	2354.935	8568.824	903.668	1492.223	111.409
%RSD		1.302	10.095	11.663	2.530	0.156	0.993	0.766	1.077	2.971

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	02:51:48	157772.690	1875.123	49120.240	472095.680	657323.110	11327.927	188903.250	154983.030	35.938
2	02:52:56	157020.730	1967.323	49741.133	480245.050	656101.650	11359.202	187209.300	155373.170	21.875
3	02:54:05	156587.890	2004.828	49338.177	475341.310	659957.690	11285.706	190646.490	153277.270	28.125
x		157127.100	1949.091	49399.850	475894.010	657794.150	11324.278	188919.680	154544.490	28.646
σ		599.522	66.747	315.007	4102.700	1970.703	36.883	1718.658	1114.645	7.046
%RSD		0.382	3.425	0.638	0.862	0.300	0.326	0.910	0.721	24.596

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	02:51:48	12136.403	1054.726	4036.508	8225.805	8488.459	144727.860	5038.388	426.569	237.502
2	02:52:56	10938.561	1096.917	3828.638	8208.608	8438.429	146388.400	4957.110	481.258	250.002
3	02:54:05	10492.915	1106.293	3247.244	8172.650	8368.075	146170.560	4861.765	420.319	223.439
x		11189.293	1085.979	3704.130	8202.354	8431.654	145762.270	4952.421	442.715	236.981
σ		849.949	27.468	409.098	27.124	60.477	902.426	88.405	33.525	13.289
%RSD		7.596	2.529	11.044	0.331	0.717	0.619	1.785	7.573	5.608

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	02:51:48	653.140	328.129	601.575	427.611	76.563	76.563	900.549	41.146	40.104
2	02:52:56	606.263	278.128	532.822	389.068	79.688	79.688	951.073	47.917	45.313
3	02:54:05	679.704	304.691	543.760	402.089	81.250	81.250	928.676	35.417	35.417
x		646.369	303.649	559.386	406.256	79.167	79.167	926.766	41.493	40.278
σ		37.186	25.017	36.944	19.606	2.387	2.387	25.316	6.257	4.950
%RSD		5.753	8.239	6.604	4.826	3.015	3.015	2.732	15.080	12.290

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	02:51:48	118.750	143.751	157.813	79.688	271.878	4.688	448896.820	262.502	15.625
2	02:52:56	103.125	142.188	142.188	98.438	229.689	4.688	455881.620	275.003	18.750
3	02:54:05	128.126	139.063	145.313	98.438	225.002	0.000	447439.660	250.002	3.125
x		116.667	141.667	148.438	92.188	242.190	3.125	450739.370	262.502	12.500
σ		12.630	2.387	8.268	10.825	25.817	2.706	4512.525	12.500	8.268
%RSD		10.825	1.685	5.570	11.743	10.660	86.603	1.001	4.762	66.144

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	02:51:48	3.125	3.125	6.250	3.125	68.750	190.626	6481.157	11218.466	1023077.000
2	02:52:56	1.563	1.563	6.250	7.813	81.250	204.689	6449.893	11149.662	1032331.900
3	02:54:05	0.000	0.000	7.813	1.563	103.125	226.564	6556.192	11252.868	1014479.500
x		1.563	1.563	6.771	4.167	84.375	207.293	6495.747	11206.998	1023296.100
σ		1.563	1.563	0.902	3.253	17.399	18.110	54.630	52.550	8928.220
%RSD		100.000	100.000	13.323	78.062	20.621	8.736	0.841	0.469	0.872

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	02:51:48	1042500.800	539.073	1190.675	132.813	106.250	257.815	906920.760	3717.671
2	02:52:56	1045755.900	353.129	881.277	143.751	125.001	243.752	907927.070	4011.501
3	02:54:05	1045259.000	285.940	742.207	129.688	110.938	309.378	917730.980	3872.400
x		1044505.200	392.714	938.053	135.417	114.063	270.315	910859.610	3867.191
σ		1753.606	131.127	229.561	7.384	9.758	34.553	5972.020	146.984
%RSD		0.168	33.390	24.472	5.453	8.555	12.782	0.656	3.801

C4369-13 MH3109 11/09/2011 02:58:36 AM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	02:59:44	23646.116	25.000	589.075	3486.363	8167634.800	10443722.000	1357902.200	1668055.800	6021.581
2	03:00:52	24078.087	25.000	606.263	3578.573	8198391.200	10451169.000	1344957.800	1651764.000	6188.840
3	03:02:00	24245.557	25.000	601.575	3609.831	8305615.200	10548094.000	1371413.800	1682811.400	6243.552
x		23989.920	25.000	598.971	3558.256	8223880.400	10480995.000	1358091.200	1667543.700	6151.324
σ		309.293	0.000	8.885	64.193	72435.645	58228.160	13229.014	15530.013	115.643
%RSD		1.289	0.000	1.483	1.804	0.881	0.556	0.974	0.931	1.880

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	02:59:44	1296291.700	4144.351	66520.138	490978.950	4648560.100	102176.600	1684884.000	159025.530	81.250
2	03:00:52	1283286.300	4114.655	67118.238	496065.860	4641279.900	101218.250	1680511.100	162489.180	106.250
3	03:02:00	1315058.700	4300.647	67292.492	496745.110	4682119.500	103153.900	1843610.200	160754.090	84.375
x		1298212.200	4186.551	66976.956	494596.640	4657319.800	102182.920	1736335.100	160756.270	90.625
σ		15973.034	99.920	405.097	3151.366	21783.414	967.839	92928.716	1731.826	13.622
%RSD		1.230	2.387	0.605	0.637	0.468	0.947	5.352	1.077	15.031

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	02:59:44	9662.642	1478.202	2933.114	9243.615	2914.360	176798.230	10683.681	806.273	432.819
2	03:00:52	9531.304	1545.396	2776.832	9242.051	3122.216	177677.790	10893.214	842.212	425.006
3	03:02:00	9073.193	1587.588	2593.986	9346.807	2887.792	178728.270	11351.383	793.772	431.257
x		9422.379	1537.062	2767.977	9277.491	2974.789	177734.760	10976.093	814.086	429.694
σ		309.452	55.168	169.737	60.034	128.365	966.283	341.479	25.147	4.134
%RSD		3.284	3.589	6.132	0.647	4.315	0.544	3.111	3.089	0.962

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	02:59:44	2070.463	1140.670	2290.809	798.981	50.000	50.000	1002.119	40.104	43.750
2	03:00:52	2239.238	1092.229	2315.813	807.314	79.688	79.688	935.447	45.833	41.146
3	03:02:00	2223.611	1054.726	2479.903	773.458	67.188	67.188	960.970	43.750	38.542
x		2177.770	1095.875	2362.175	793.251	65.625	65.625	966.179	43.229	41.146
σ		93.259	43.088	102.719	17.640	14.905	14.905	33.639	2.900	2.604
%RSD		4.282	3.932	4.348	2.224	22.713	22.713	3.482	6.708	6.329

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	02:59:44	164.063	229.689	259.377	145.313	365.630	3.125	456847.690	242.190	2086.090
2	03:00:52	181.251	225.002	260.940	164.063	375.005	0.000	461532.210	254.690	1979.825
3	03:02:00	171.876	243.752	243.752	173.439	395.318	0.000	464121.930	262.502	2009.516
x		172.397	232.814	254.690	160.938	378.651	1.042	460833.950	253.127	2025.144
σ		8.606	9.758	9.504	14.321	15.176	1.804	3687.049	10.246	54.829
%RSD		4.992	4.191	3.732	8.898	4.008	173.205	0.800	4.048	2.707

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	02:59:44	0.000	0.000	1967.323	7.813	98.438	440.632	112139.980	196325.760	1037628.600
2	03:00:52	4.688	4.688	2014.205	15.625	81.250	429.694	111066.010	196631.490	1063713.400
3	03:02:00	1.563	1.563	1998.577	10.938	71.875	489.071	110916.420	198437.450	1054035.600
x		2.083	2.083	1993.368	11.458	83.854	453.132	111374.140	197131.570	1051792.500
σ		2.387	2.387	23.871	3.932	13.471	31.601	667.443	1141.214	13186.260
%RSD		114.564	114.564	1.198	34.317	16.065	6.974	0.599	0.579	1.254

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	02:59:44	1062203.900	231.252	578.137	435.944	389.068	995.347	916672.410	33877.622
2	03:00:52	1076062.200	207.814	475.008	473.445	360.942	910.967	934150.320	33968.462
3	03:02:00	1082965.000	196.876	410.943	470.320	425.006	929.718	929431.990	34012.316
x		1073743.700	211.981	488.029	459.903	391.672	945.344	926751.570	33952.800
σ		10572.961	17.562	84.354	20.808	32.111	44.307	9042.003	68.700
%RSD		0.985	8.285	17.285	4.524	8.199	4.687	0.976	0.202

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	03:07:40	24431.812	19.792	615.638	9410.911	8834573.100	11640951.000	1491597.200	1847073.300	3525.435
2	03:08:49	24843.458	16.667	667.203	9933.140	8776393.600	11594762.000	1502331.600	1853612.300	3458.231
3	03:09:57	24943.632	21.354	673.453	9973.793	8814204.000	11599925.000	1497149.500	1857109.200	3270.687
x		24739.634	19.271	652.098	9772.615	8808390.200	11611880.000	1497026.100	1852598.300	3418.118
σ		271.247	2.387	31.730	313.903	29522.259	25308.553	5368.270	5094.172	132.026
%RSD		1.096	12.385	4.866	3.212	0.335	0.218	0.359	0.275	3.863

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	03:07:40	1366055.300	2343.942	68670.904	497058.870	2507842.200	121957.430	2188954.200	161691.140	104.688
2	03:08:49	1377855.700	2456.461	68554.723	508928.510	2496365.700	122004.700	2171041.900	164559.550	85.938
3	03:09:57	1373155.700	2329.878	68540.592	501614.010	2507677.000	120491.940	2173344.600	165811.410	90.625
x		1372355.600	2376.760	68588.739	502533.800	2503961.700	121484.690	2177780.200	164020.700	93.750
σ		5940.710	69.380	71.506	5988.039	6578.782	860.069	9745.193	2112.325	9.758
%RSD		0.433	2.919	0.104	1.192	0.263	0.708	0.447	1.288	10.408

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	03:07:40	7586.389	1903.252	2268.930	7892.805	11490.557	149116.400	11440.517	584.387	442.194
2	03:08:49	7641.106	1993.889	2228.299	8021.001	11395.168	149986.370	11320.108	567.199	421.881
3	03:09:57	7411.297	1914.191	2153.287	7847.467	11628.168	151810.170	11575.000	603.138	460.945
x		7546.264	1937.111	2216.839	7920.424	11504.631	150304.310	11445.208	584.908	441.674
σ		120.044	49.475	58.667	90.004	117.136	1374.744	127.511	17.975	19.537
%RSD		1.591	2.554	2.646	1.136	1.018	0.915	1.114	3.073	4.423

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	03:07:40	868.776	418.756	5960.618	529.176	57.813	57.813	1035.454	34.896	40.104
2	03:08:49	867.214	360.942	5677.691	522.926	35.938	35.938	1032.329	39.063	40.104
3	03:09:57	829.712	432.819	5835.567	509.384	62.500	62.500	930.239	33.333	40.625
x		855.234	404.172	5824.625	520.496	52.083	52.083	999.341	35.764	40.278
σ		22.117	38.093	141.781	10.118	14.178	14.178	59.864	2.962	0.301
%RSD		2.586	9.425	2.434	1.944	27.221	27.221	5.990	8.281	0.747

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	03:07:40	214.064	289.065	328.129	175.001	500.009	1.563	459468.840	273.440	15.625
2	03:08:49	187.501	343.754	335.941	221.877	557.823	0.000	470084.070	264.065	26.563
3	03:09:57	240.627	315.628	334.379	167.188	468.758	1.563	474680.820	276.565	28.125
x		214.064	316.149	332.816	188.022	508.863	1.042	468077.910	271.357	23.438
σ		26.563	27.348	4.134	29.578	45.188	0.902	7801.900	6.505	6.811
%RSD		12.409	8.650	1.242	15.731	8.880	86.603	1.667	2.397	29.059

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	03:07:40	3.125	3.125	25.000	7.813	423.444	350.004	105508.500	186128.120	1056475.000
2	03:08:49	1.563	1.563	14.063	7.813	421.881	292.190	104634.920	187068.410	1064557.300
3	03:09:57	0.000	0.000	18.750	6.250	393.755	315.628	105513.220	184513.630	1080162.800
x		1.563	1.563	19.271	7.292	413.027	319.274	105218.880	185903.380	1067065.000
σ		1.563	1.563	5.487	0.902	16.708	29.079	505.729	1292.132	12041.339
%RSD		100.000	100.000	28.475	12.372	4.045	9.108	0.481	0.695	1.128

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	03:07:40	1072929.800	137.501	407.818	875.027	809.398	1954.821	923502.900	29143.760
2	03:08:49	1092206.900	115.625	331.254	879.715	746.895	1742.294	933902.030	28885.423
3	03:09:57	1105885.900	120.313	282.815	892.215	762.520	1820.429	951827.470	28738.252
x		1090340.900	124.480	340.629	882.319	772.938	1839.181	936410.800	28922.478
σ		16557.103	11.517	63.027	8.885	32.528	107.498	14327.972	205.278
%RSD		1.519	9.252	18.503	1.007	4.208	5.845	1.530	0.710

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	03:15:37	24630.590	20.833	470.320	2370.509	116479250.000	30844424.000	4185600.700	4839050.400	6640.606
2	03:16:45	24630.590	19.792	587.512	2329.878	117660830.000	31361057.000	4235541.000	4905036.200	6070.039
3	03:17:53	25020.329	20.833	539.073	2356.444	119796800.000	31901826.000	4313582.200	5022039.800	5827.751
x		24760.503	20.486	532.302	2352.277	117978960.000	31369103.000	4244908.000	4922042.100	6179.465
σ		225.016	0.601	58.889	20.634	1681502.700	528746.880	64502.898	92672.458	417.329
%RSD		0.909	2.936	11.063	0.877	1.425	1.686	1.520	1.883	6.753

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	03:15:37	1689325.500	3639.526	359519.240	560301.490	3721673.800	282654.830	4986836.200	163356.810	115.625
2	03:16:45	1710669.700	3656.718	363859.900	567112.500	3737005.200	282063.620	5004077.300	164667.030	143.751
3	03:17:53	1746346.200	3642.652	370183.340	573269.840	3808066.900	286409.760	5129093.100	165680.210	104.688
x		1715447.100	3646.299	364520.820	566894.610	3755582.000	283709.400	5040002.200	164568.020	121.355
σ		28808.980	9.158	5362.685	6486.922	46095.161	2357.187	77635.090	1164.862	20.152
%RSD		1.679	0.251	1.471	1.144	1.227	0.831	1.540	0.708	16.606

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	03:15:37	11598.456	3995.871	3353.519	10988.600	17393.395	203772.710	21480.199	767.208	1185.987
2	03:16:45	11889.320	3836.453	3555.130	11165.299	17312.046	204283.050	21223.566	760.958	1306.310
3	03:17:53	11784.546	3925.539	3559.819	10911.978	17429.376	205952.070	21610.082	762.520	1265.681
x		11757.441	3919.288	3489.489	11021.959	17378.272	204669.280	21437.949	763.562	1252.659
σ		147.314	79.893	117.777	129.913	60.109	1139.859	196.691	3.253	61.209
%RSD		1.253	2.038	3.375	1.179	0.346	0.557	0.917	0.426	4.886

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	03:15:37	1743.856	775.021	8013.184	913.571	62.500	62.500	990.138	47.396	44.792
2	03:16:45	1734.480	807.835	7989.734	942.739	40.625	40.625	991.701	49.479	53.125
3	03:17:53	1784.486	787.522	8354.004	941.698	62.500	62.500	975.554	51.042	43.229
x		1754.274	790.126	8118.974	932.669	55.208	55.208	985.798	49.306	47.049
σ		26.581	16.561	203.880	16.548	12.630	12.630	8.906	1.829	5.320
%RSD		1.515	2.096	2.511	1.774	22.876	22.876	0.903	3.710	11.307

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	03:15:37	170.314	200.001	242.190	132.813	350.004	1.563	461070.790	270.315	14.063
2	03:16:45	185.939	189.064	237.502	125.001	332.816	0.000	462835.890	278.128	20.313
3	03:17:53	179.689	217.189	229.689	107.813	318.754	1.563	463673.340	293.753	12.500
x		178.647	202.085	236.460	121.876	333.858	1.042	462526.670	280.732	15.625
σ		7.865	14.178	6.315	12.790	15.651	0.902	1328.541	11.934	4.134
%RSD		4.402	7.016	2.671	10.494	4.688	86.603	0.287	4.251	26.458

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	03:15:37	3.125	3.125	10.938	18.750	145.313	267.190	59760.673	105574.610	1081000.900
2	03:16:45	0.000	0.000	18.750	10.938	207.814	300.003	60418.118	106737.900	1076343.100
3	03:17:53	4.688	4.688	10.938	21.875	164.063	239.065	60929.658	109527.640	1075700.400
x		2.604	2.604	13.542	17.188	172.397	268.753	60369.483	107280.050	1077681.500
σ		2.387	2.387	4.511	5.634	32.073	30.499	586.008	2031.517	2892.573
%RSD		91.652	91.652	33.309	32.778	18.604	11.348	0.971	1.894	0.268

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	03:15:37	1108952.700	240.627	529.697	854.713	651.577	1629.781	932640.690	139734.760
2	03:16:45	1102792.800	185.939	421.881	826.586	679.704	1706.352	927095.040	141123.310
3	03:17:53	1103478.800	173.439	396.881	779.709	639.077	1618.842	928086.070	142808.690
x		1105074.800	200.001	449.486	820.336	656.786	1651.658	929273.930	141222.260
σ		3375.859	35.734	70.581	37.891	20.808	47.681	2957.500	1539.349
%RSD		0.305	17.867	15.702	4.619	3.168	2.887	0.318	1.090

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	03:23:34	25097.026	23.438	56.250	1151.609	562809.750	422197.940	58025.417	67075.852	2132.972
2	03:24:42	24566.417	22.917	56.250	1175.048	562289.870	422334.710	57490.448	67077.422	2029.832
3	03:25:50	25637.046	25.521	60.938	1146.921	558937.070	410747.860	56778.233	65455.864	2065.774
x		25100.163	23.958	57.813	1157.859	561345.560	418426.840	57431.366	66536.379	2076.193
σ		535.321	1.378	2.706	15.069	2101.952	6650.542	625.688	935.754	52.353
%RSD		2.133	5.752	4.681	1.301	0.374	1.589	1.089	1.406	2.522

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	03:23:34	56611.950	2178.291	47263.994	508834.630	577730.180	4511.650	71990.310	164801.380	25.000
2	03:24:42	56458.219	2145.474	46845.432	513280.120	577569.170	4350.662	72283.975	165582.210	20.313
3	03:25:50	56357.823	2097.029	46451.962	513697.870	573749.470	4313.151	71095.219	167904.390	7.813
x		56475.997	2140.265	46853.796	511937.540	576349.610	4391.821	71789.835	166095.990	17.708
σ		127.993	40.881	406.081	2695.303	2253.223	105.456	619.215	1614.046	8.885
%RSD		0.227	1.910	0.867	0.526	0.391	2.401	0.863	0.972	50.173

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	03:23:34	5557.331	1095.355	1926.692	8949.677	817.211	149353.230	4561.666	81.250	225.002
2	03:24:42	5343.187	1098.480	2123.595	8690.142	798.460	144033.390	4749.227	71.875	228.127
3	03:25:50	5426.030	1082.853	1839.181	8751.117	790.647	146326.840	4694.521	85.938	246.877
x		5442.182	1092.229	1963.156	8796.979	802.106	146571.150	4668.471	79.688	233.335
σ		107.982	8.269	145.671	135.710	13.652	2668.319	96.456	7.160	11.831
%RSD		1.984	0.757	7.420	1.543	1.702	1.820	2.066	8.985	5.070

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	03:23:34	351.567	165.626	295.316	155.209	67.188	67.188	1037.538	44.271	44.271
2	03:24:42	351.567	146.876	306.253	154.168	42.188	42.188	1045.351	45.313	43.229
3	03:25:50	334.379	112.500	267.190	157.813	60.938	60.938	1054.206	40.625	43.229
x		345.838	141.667	289.586	155.730	56.771	56.771	1045.698	43.403	43.576
σ		9.923	26.943	20.152	1.878	13.010	13.010	8.339	2.461	0.601
%RSD		2.869	19.018	6.959	1.206	22.917	22.917	0.797	5.671	1.380

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	03:23:34	46.875	35.938	29.688	32.813	46.875	3.125	478285.610	273.440	85.938
2	03:24:42	50.000	39.063	32.813	18.750	48.438	0.000	480185.270	301.566	103.125
3	03:25:50	45.313	45.313	39.063	18.750	48.438	0.000	486341.490	256.252	81.250
x		47.396	40.104	33.854	23.438	47.917	1.042	481604.130	277.086	90.104
σ		2.387	4.774	4.774	8.119	0.902	1.804	4211.190	22.876	11.517
%RSD		5.036	11.903	14.100	34.641	1.883	173.205	0.874	8.256	12.782

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	03:23:34	0.000	0.000	81.250	1.563	79.688	60.938	4746.101	7839.651	1065792.900
2	03:24:42	1.563	1.563	79.688	3.125	53.125	106.250	4394.426	7981.917	1066862.200
3	03:25:50	3.125	3.125	79.688	1.563	64.063	84.375	4410.056	7952.213	1086222.400
x		1.563	1.563	80.209	2.083	65.625	83.854	4516.861	7924.593	1072959.200
σ		1.563	1.563	0.902	0.902	13.350	22.661	198.681	75.047	11498.693
%RSD		100.000	100.000	1.125	43.301	20.343	27.024	4.399	0.947	1.072

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	03:23:34	1087929.600	90.625	256.252	81.250	50.000	103.125	944496.930	1386.005
2	03:24:42	1088197.300	85.938	239.065	57.813	32.813	112.500	941384.020	1346.939
3	03:25:50	1104326.700	93.750	251.565	60.938	50.000	120.313	950316.030	1403.194
x		1093484.500	90.104	248.961	66.667	44.271	111.980	945398.990	1378.712
σ		9390.525	3.932	8.885	12.726	9.923	8.606	4533.817	28.828
%RSD		0.859	4.364	3.569	19.089	22.415	7.685	0.480	2.091

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	03:31:31	24779.284	20.313	51.563	1206.301	577203.260	447289.760	60032.120	70909.927	2011.079
2	03:32:39	24906.067	20.313	50.000	1157.859	576933.300	449664.150	61064.608	71605.571	1878.249
3	03:33:47	24978.068	22.396	40.625	1221.927	578366.090	449380.430	61375.310	71654.252	1982.950
x		24887.806	21.007	47.396	1195.363	577500.880	448778.110	60824.013	71389.917	1957.426
σ		100.642	1.203	5.916	33.405	761.351	1296.731	703.174	416.395	69.997
%RSD		0.404	5.726	12.481	2.795	0.132	0.289	1.156	0.583	3.576

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	03:31:31	56577.439	2015.767	46477.044	503503.780	481639.260	4874.269	80787.161	162917.460	17.188
2	03:32:39	58023.848	2082.964	47107.228	505112.210	482652.290	4746.101	82665.045	162721.490	26.563
3	03:33:47	56884.906	1998.577	47031.981	506283.860	483841.520	4918.034	83050.081	162979.090	23.438
x		57162.064	2032.436	46872.084	504966.620	482711.030	4846.135	82167.429	162872.680	22.396
σ		761.996	44.595	344.178	1395.750	1102.305	89.353	1210.751	134.510	4.774
%RSD		1.333	2.194	0.734	0.276	0.228	1.844	1.474	0.083	21.314

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	03:31:31	4816.437	1046.913	1664.159	8627.605	1123.482	144265.400	4560.103	71.875	203.126
2	03:32:39	4725.782	1004.723	1521.956	8469.698	1178.174	145248.730	4585.111	70.313	218.752
3	03:33:47	4641.379	1104.730	1543.833	8496.276	1101.605	145774.360	4625.749	73.438	189.064
x		4727.866	1052.122	1576.650	8531.193	1134.420	145096.160	4590.321	71.875	203.647
σ		87.548	50.207	76.571	84.546	39.439	765.958	33.132	1.563	14.851
%RSD		1.852	4.772	4.857	0.991	3.477	0.528	0.722	2.174	7.292

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	03:31:31	329.691	151.563	409.381	139.584	32.813	32.813	1007.848	40.625	43.750
2	03:32:39	350.004	131.251	404.693	123.959	34.375	34.375	987.013	37.500	36.458
3	03:33:47	335.941	151.563	345.317	106.250	39.063	39.063	1031.808	38.542	39.063
x		338.546	144.792	386.464	123.264	35.417	35.417	1008.890	38.889	39.757
σ		10.404	11.728	35.711	16.678	3.253	3.253	22.416	1.591	3.695
%RSD		3.073	8.100	9.241	13.530	9.184	9.184	2.222	4.092	9.294

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	03:31:31	45.313	34.375	34.375	20.313	42.188	0.000	477936.730	223.439	7.813
2	03:32:39	42.188	26.563	32.813	20.313	43.750	0.000	475625.540	262.502	7.813
3	03:33:47	48.438	39.063	43.750	21.875	53.125	1.563	471793.760	273.440	14.063
x		45.313	33.333	36.979	20.833	46.354	0.521	475118.680	253.127	9.896
σ		3.125	6.315	5.916	0.902	5.916	0.902	3102.691	26.286	3.608
%RSD		6.897	18.944	15.997	4.330	12.762	173.205	0.653	10.384	36.464

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	03:31:31	0.000	0.000	6.250	0.000	81.250	79.688	4199.055	7419.114	1054981.400
2	03:32:39	1.563	1.563	6.250	1.563	64.063	53.125	4027.130	7148.663	1058296.500
3	03:33:47	3.125	3.125	4.688	6.250	65.625	70.313	4260.010	7153.353	1059587.100
x		1.563	1.563	5.729	2.604	70.313	67.708	4162.065	7240.377	1057621.600
σ		1.563	1.563	0.902	3.253	9.504	13.471	120.766	154.809	2375.822
%RSD		100.000	100.000	15.746	124.900	13.517	19.896	2.902	2.138	0.225

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	03:31:31	1076269.100	68.750	182.814	90.625	65.625	143.751	935716.760	1159.422
2	03:32:39	1082473.500	95.313	164.063	76.563	51.563	178.126	938541.780	1145.358
3	03:33:47	1086862.100	82.813	157.813	85.938	65.625	198.439	939511.920	1193.800
x		1081868.300	82.292	168.230	84.375	60.938	173.439	937923.490	1166.193
σ		5322.388	13.289	13.011	7.160	8.119	27.644	1971.679	24.921
%RSD		0.492	16.149	7.734	8.486	13.323	15.939	0.210	2.137

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	03:39:27	24289.382	39616.835	6513.985	1262.556	39143642.000	29723498.000	4034357.000	4688775.900	6557407.300
2	03:40:35	24303.468	39810.602	6567.134	1260.993	39259839.000	29763650.000	4071814.800	4709939.100	6612191.900
3	03:41:43	24281.556	39689.432	6668.744	1251.617	38856762.000	29665753.000	4023196.900	4699984.100	6603271.800
x		24291.468	39705.623	6583.288	1258.389	39086748.000	29717634.000	4043122.900	4699566.400	6590957.000
σ		11.104	97.893	78.634	5.916	207473.800	49211.522	25466.777	10587.753	29395.206
%RSD		0.046	0.247	1.194	0.470	0.531	0.166	0.630	0.225	0.446

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	03:39:27	79011.647	352021.890	78896.953	493675.790	22563229.000	100437.770	1658329.700	163333.100	52874.231
2	03:40:35	80098.927	353570.370	80094.213	493779.280	22570399.000	101784.760	1675589.600	162639.310	53037.334
3	03:41:43	79555.276	351941.830	79336.879	494946.780	22341068.000	99998.771	1659232.300	161416.180	52344.159
x		79555.283	352511.370	79442.682	494133.950	22491566.000	100740.430	1664383.800	162462.870	52751.908
σ		543.640	918.001	605.602	705.831	130384.120	930.665	9714.944	970.563	362.415
%RSD		0.683	0.260	0.762	0.143	0.580	0.924	0.584	0.597	0.687

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	03:39:27	786681.520	728809.540	88699.514	2854688.100	2283239.400	48888960.000	1175901.700	923527.870	200468.640
2	03:40:35	801571.270	738821.880	88842.586	2905289.400	2297645.700	49550253.000	1187454.300	922831.860	201851.980
3	03:41:43	787494.860	729793.870	87264.152	2862243.300	2267304.100	49252140.000	1178139.400	912565.310	198277.440
x		791915.880	732475.100	88268.751	2874073.600	2282729.700	49230451.000	1180498.500	919641.680	200199.360
σ		8371.690	5518.464	872.944	27296.323	15177.234	331179.530	6126.936	6138.187	1802.420
%RSD		1.057	0.753	0.989	0.950	0.665	0.673	0.519	0.667	0.900

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	03:39:27	1018543.000	497987.250	383613.590	173225.690	9850.270	9850.270	32461.318	13556.429	56.771
2	03:40:35	1024599.200	500903.790	387531.290	173763.410	9820.562	9820.562	32642.981	13578.325	34.896
3	03:41:43	1011306.600	491834.190	386235.970	173271.030	9740.820	9740.820	31971.152	13180.557	38.021
x		1018149.600	496908.410	385793.620	173420.040	9803.884	9803.884	32358.484	13438.437	43.229
σ		6655.036	4630.049	1995.958	298.229	56.599	56.599	347.520	223.599	11.831
%RSD		0.654	0.932	0.517	0.172	0.577	0.577	1.074	1.664	27.368

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	03:39:27	179335.810	318292.730	342225.630	204219.650	523636.620	4.688	461115.970	20552.273	982578.610
2	03:40:35	182918.310	323675.730	345877.640	208258.590	530647.710	4.688	452798.350	20904.346	997599.160
3	03:41:43	182117.550	318668.150	347359.830	203886.820	524057.900	3.125	457279.950	20683.713	979793.630
x		181457.220	320212.200	345154.370	205455.020	526114.080	4.167	457064.750	20713.444	986657.140
σ		1880.316	3005.373	2642.417	2433.655	3931.891	0.902	4162.983	177.909	9577.841
%RSD		1.036	0.939	0.766	1.185	0.747	21.651	0.911	0.859	0.971

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	03:39:27	15499.028	15499.028	955888.770	234091.430	656706.650	994239.120	900728.050	1596188.200	1056659.800
2	03:40:35	15572.546	15572.546	963854.430	237568.440	672676.090	1016585.700	904795.260	1612297.700	1037621.900
3	03:41:43	15461.487	15461.487	951632.270	236067.300	660782.020	1002627.300	896148.380	1593268.900	1050130.300
x		15511.020	15511.020	957125.160	235909.060	663388.250	1004484.000	900557.230	1600584.900	1048137.300
σ		56.492	56.492	6204.171	1743.897	8297.599	11288.396	4325.968	10248.034	9674.194
%RSD		0.364	0.364	0.648	0.739	1.251	1.124	0.480	0.640	0.923

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	03:39:27	1080181.300	1489044.100	3798008.500	1211289.200	1123141.700	2623214.300	906519.920	6336219.300
2	03:40:35	1058412.400	1494109.300	3837382.000	1220750.600	1128761.300	2654998.100	898317.520	6401150.100
3	03:41:43	1064165.600	1485756.500	3774306.200	1203082.600	1125931.800	2615916.500	897197.180	6336617.900
x		1067586.400	1489636.600	3803232.200	1211707.500	1125944.900	2631376.300	900678.210	6357995.800
σ		11280.405	4207.790	31860.675	8841.413	2809.828	20779.965	5089.992	37373.307
%RSD		1.057	0.282	0.838	0.730	0.250	0.790	0.565	0.588

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	03:47:21	24281.556	21.875	140.626	1053.164	243940.110	2803.400	390.630	407.818	1809.490
2	03:48:29	24342.597	28.646	81.250	957.845	248710.370	6479.594	865.651	1010.973	2359.570
3	03:49:38	24539.809	26.563	98.438	948.469	250265.300	6800.056	882.840	1051.601	2481.466
x		24387.987	25.694	106.771	986.492	247638.590	5361.017	713.040	823.464	2216.842
σ		134.977	3.468	30.552	57.929	3295.989	2220.749	279.348	360.533	358.003
%RSD		0.553	13.497	28.615	5.872	1.331	41.424	39.177	43.782	16.149

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	03:47:21	2703.381	2006.391	45295.132	497324.120	397073.980	20.313	1948.570	161774.890	20.313
2	03:48:29	2640.869	2156.413	45459.716	501157.790	401237.930	37.500	2217.360	162977.510	14.063
3	03:49:38	2734.637	2100.154	45522.415	501287.210	399472.280	68.750	2118.907	164088.560	28.125
x		2692.962	2087.653	45425.754	499923.040	399261.400	42.188	2094.946	162946.990	20.833
σ		47.744	75.788	117.386	2251.661	2089.970	24.557	135.987	1157.134	7.046
%RSD		1.773	3.630	0.258	0.450	0.523	58.208	6.491	0.710	33.819

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	03:47:21	4324.092	878.152	1503.204	8389.963	618.763	136847.640	4535.095	82.813	231.252
2	03:48:29	4181.862	1100.042	1417.258	8574.448	889.090	141490.990	4653.883	200.001	218.752
3	03:49:38	4402.241	1057.852	1420.383	8397.780	1018.786	141025.480	4636.690	157.813	221.877
x		4302.731	1012.015	1446.948	8454.064	842.213	139788.040	4608.556	146.876	223.960
σ		111.731	117.833	48.744	104.329	204.090	2557.071	64.197	59.355	6.505
%RSD		2.597	11.643	3.369	1.234	24.233	1.829	1.393	40.412	2.905

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	03:47:21	339.067	95.313	143.751	111.980	29.688	29.688	1000.035	42.188	43.750
2	03:48:29	440.632	160.938	181.251	139.584	31.250	31.250	967.220	54.167	33.333
3	03:49:38	456.257	175.001	207.814	136.980	34.375	34.375	1072.436	40.625	34.896
x		411.985	143.751	177.605	129.514	31.771	31.771	1013.230	45.660	37.326
σ		63.631	42.534	32.187	15.241	2.387	2.387	53.835	7.409	5.618
%RSD		15.445	29.589	18.123	11.768	7.512	7.512	5.313	16.226	15.050

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	03:47:21	365.630	757.833	832.837	460.945	1132.857	1.563	467979.130	265.627	60.938
2	03:48:29	303.128	528.135	596.887	325.004	904.716	0.000	472168.340	256.252	201.564
3	03:49:38	292.190	439.069	440.632	254.690	679.704	0.000	470164.790	245.315	203.126
x		320.316	575.012	623.452	346.879	905.759	0.521	470104.090	255.731	155.209
σ		39.622	164.471	197.447	104.853	226.579	0.902	2095.262	10.166	81.645
%RSD		12.370	28.603	31.670	30.228	25.015	173.205	0.446	3.975	52.603

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	03:47:21	1.563	1.563	50.000	7.813	531.260	1739.168	15.625	29.688	1037402.100
2	03:48:29	6.250	6.250	207.814	31.250	478.133	1467.263	151.563	182.814	1048194.000
3	03:49:38	1.563	1.563	162.501	42.188	334.379	1078.166	137.501	225.002	1048503.000
x		3.125	3.125	140.105	27.083	447.924	1428.199	101.563	145.834	1044699.700
σ		2.706	2.706	81.256	17.562	101.858	332.228	74.756	102.774	6321.825
%RSD		86.603	86.603	57.996	64.845	22.740	23.262	73.605	70.473	0.605

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	03:47:21	1064745.500	70.313	192.189	95.313	75.000	159.376	918100.500	395.318
2	03:48:29	1066608.300	310.941	821.899	218.752	192.189	543.760	916950.360	928.155
3	03:49:38	1065039.700	310.941	793.772	260.940	192.189	521.885	924826.740	960.970
x		1065464.500	230.731	602.620	191.668	153.126	408.340	919959.200	761.481
σ		1001.426	138.927	355.722	86.071	67.659	215.887	4254.459	317.531
%RSD		0.094	60.211	59.029	44.906	44.185	52.869	0.462	41.699

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	03:55:16	23192.248	28.646	4763.294	1837.618	312821390.000	9636981.800	1239092.700	1440958.500	57631.640
2	03:56:24	22865.159	28.125	4828.941	1895.438	313133710.000	9586017.500	1228465.500	1437410.700	56837.844
3	03:57:32	23087.391	30.208	4692.958	1731.355	305128760.000	9351589.800	1195209.600	1404865.200	56138.211
x		23048.266	28.993	4761.731	1821.470	310361290.000	9524863.000	1220922.600	1427744.800	56869.232
σ		167.018	1.084	68.005	83.225	4534190.100	152207.260	22893.307	19893.543	747.209
%RSD		0.725	3.740	1.428	4.569	1.461	1.598	1.875	1.393	1.314

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	03:55:16	2042574.100	27910.050	625785.950	2141646.000	11612025.000	118018.300	2145353.700	153999.040	3705.168
2	03:56:24	2050408.500	27750.364	624322.390	2149565.700	11558795.000	118616.980	2150259.900	152997.740	3830.201
3	03:57:32	1992483.100	27775.413	605421.930	2125586.100	11276454.000	116241.320	2082059.000	153828.460	3825.512
x		2028488.600	27811.942	618510.090	2138932.600	11482425.000	117625.530	2125890.900	153608.410	3786.960
σ		31426.753	85.882	11358.280	12217.889	180350.830	1235.572	38038.717	535.692	70.873
%RSD		1.549	0.309	1.836	0.571	1.571	1.050	1.789	0.349	1.872

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	03:55:16	128229.170	7953.776	32125.143	104084.050	3757860.000	1845988.100	51952.107	1196.925	2003.265
2	03:56:24	132320.920	7964.720	33500.171	104880.460	3733807.900	1833002.100	51931.720	1223.490	2001.703
3	03:57:32	135189.780	7864.664	34695.205	101002.670	3650812.800	1783031.200	49769.356	1201.613	1970.448
x		131913.290	7927.720	33440.173	103322.390	3714160.200	1820673.800	51217.728	1207.343	1991.806
σ		3498.162	54.881	1286.081	2048.025	56163.131	33239.810	1254.368	14.179	18.512
%RSD		2.652	0.692	3.846	1.982	1.512	1.826	2.449	1.174	0.929

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	03:55:16	5197.820	2161.101	1957.947	13886.955	550.011	550.011	968.262	56.771	39.583
2	03:56:24	4969.614	2054.835	1821.991	14037.101	628.139	628.139	890.132	57.813	51.563
3	03:57:32	4757.042	2092.341	1728.230	13556.429	682.829	682.829	905.237	49.479	50.000
x		4974.825	2102.759	1836.056	13826.828	620.326	620.326	921.210	54.688	47.049
σ		220.435	53.893	115.503	245.912	66.753	66.753	41.442	4.541	6.512
%RSD		4.431	2.563	6.291	1.779	10.761	10.761	4.499	8.303	13.841

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	03:55:16	7750.539	562.511	1881.374	393.755	914.092	1.563	425920.080	382.818	268.753
2	03:56:24	7967.846	575.012	1981.387	334.379	804.710	3.125	422722.490	367.192	206.251
3	03:57:32	7417.550	526.572	1825.117	387.505	762.520	0.000	431013.220	290.628	204.689
x		7711.979	554.698	1895.959	371.880	827.107	1.563	426551.930	346.879	226.564
σ		277.167	25.147	79.150	32.627	78.229	1.563	4181.323	49.338	36.544
%RSD		3.594	4.533	4.175	8.773	9.458	100.000	0.980	14.223	16.130

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	03:55:16	48.438	48.438	237.502	75.000	498.446	1715.728	38873.130	69025.732	1001929.200
2	03:56:24	39.063	39.063	201.564	78.125	445.319	1787.612	38956.168	69404.122	997753.130
3	03:57:32	57.813	57.813	173.439	67.188	414.069	1539.145	37395.757	67195.161	1014692.300
x		48.438	48.438	204.168	73.438	452.611	1680.828	38408.351	68541.672	1004791.500
σ		9.375	9.375	32.111	5.634	42.659	127.857	877.915	1181.361	8824.892
%RSD		19.355	19.355	15.728	7.671	9.425	7.607	2.286	1.724	0.878

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	03:55:16	1035605.000	501.571	1393.818	1620.404	1351.626	3301.944	861719.330	36161.335
2	03:56:24	1024949.600	339.067	873.464	1671.973	1262.556	3139.407	865596.650	36415.103
3	03:57:32	1046916.200	284.378	687.517	1484.452	1221.927	3162.850	872297.290	35028.831
x		1035823.600	375.005	984.933	1592.277	1278.703	3201.401	866537.760	35868.423
σ		10984.897	112.969	366.107	96.873	66.340	87.859	5351.410	738.096
%RSD		1.060	30.125	37.171	6.084	5.188	2.744	0.618	2.058

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	04:03:11	23070.176	30.729	5308.799	2181.417	336599300.000	7933416.800	1009881.200	1190048.000	138250.110
2	04:04:18	22293.945	26.563	5555.768	2200.169	336505020.000	7952767.900	1011338.400	1186354.200	136563.690
3	04:05:27	22306.464	30.729	5508.874	2278.307	337953710.000	7972297.800	1023117.200	1185100.000	136568.430
x		22556.861	29.340	5457.814	2219.964	337019340.000	7952827.500	1014778.900	1187167.400	137127.410
σ		444.587	2.406	131.163	51.389	810558.320	19440.561	7257.815	2572.265	972.290
%RSD		1.971	8.199	2.403	2.315	0.241	0.244	0.715	0.217	0.709

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	04:03:11	1652394.700	33367.047	639389.200	2232468.300	15832686.000	89767.089	1485486.700	149432.170	4206.869
2	04:04:18	1600869.500	32939.494	639853.040	2271735.700	15930556.000	90369.305	1500456.900	150545.330	4091.211
3	04:05:27	1638946.600	32656.032	639341.840	2289759.000	15910742.000	89955.770	1482927.700	147229.790	4264.699
x		1630737.000	32987.524	639528.030	2264654.300	15891328.000	90030.721	1489623.800	149069.100	4187.593
σ		26725.643	357.933	282.466	29294.425	51742.500	308.025	9468.621	1687.324	88.336
%RSD		1.639	1.085	0.044	1.294	0.326	0.342	0.636	1.132	2.109

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	04:03:11	140364.330	7032.981	37481.919	87481.098	5430465.600	1532736.900	42572.716	1337.563	1611.028
2	04:04:18	146363.140	7131.467	39064.275	86867.999	5436220.700	1532913.800	41919.225	1254.743	1607.903
3	04:05:27	150417.430	6984.520	40491.679	86673.070	5426276.700	1520088.000	42710.627	1282.870	1573.524
x		145714.970	7049.656	39012.625	87007.389	5430987.700	1528579.600	42400.856	1291.725	1597.485
σ		5057.797	74.879	1505.544	421.663	4992.514	7354.443	422.766	42.114	20.810
%RSD		3.471	1.062	3.859	0.485	0.092	0.481	0.997	3.260	1.303

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	04:03:11	3203.484	1190.675	1436.010	6527.012	712.518	712.518	903.154	67.188	36.979
2	04:04:18	3305.070	1296.934	1564.148	6594.751	785.959	785.959	908.362	46.354	32.813
3	04:05:27	3147.222	1171.923	1445.386	6652.069	821.899	821.899	880.235	43.229	40.625
x		3218.592	1219.844	1481.848	6591.277	773.459	773.459	897.250	52.257	36.806
σ		80.001	67.417	71.428	62.601	55.752	55.752	14.964	13.024	3.909
%RSD		2.486	5.527	4.820	0.950	7.208	7.208	1.668	24.924	10.621

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	04:03:11	7208.068	265.627	1436.010	182.814	415.631	3.125	419799.090	323.441	101.563
2	04:04:18	7259.657	271.878	1529.769	195.314	460.945	1.563	418066.570	287.503	118.750
3	04:05:27	7064.246	250.002	1404.757	150.001	364.067	1.563	416573.900	359.380	78.125
x		7177.324	262.502	1456.845	176.043	413.548	2.083	418146.520	323.441	99.480
σ		101.268	11.268	65.059	23.403	48.472	0.902	1614.081	35.938	20.393
%RSD		1.411	4.292	4.466	13.294	11.721	43.301	0.386	11.111	20.499

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	04:03:11	42.188	42.188	84.375	46.875	404.693	1207.864	31252.899	54947.658	992191.350
2	04:04:18	53.125	53.125	60.938	21.875	353.129	1273.494	31606.801	55893.504	988720.480
3	04:05:27	53.125	53.125	62.500	20.313	331.254	1178.174	31323.365	55928.014	992572.770
x		49.479	49.479	69.271	29.688	363.025	1219.844	31394.355	55589.726	991161.530
σ		6.315	6.315	13.104	14.905	37.707	48.777	187.327	556.314	2122.602
%RSD		12.762	12.762	18.917	50.207	10.387	3.999	0.597	1.001	0.214

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	04:03:11	1024419.800	192.189	439.069	2145.474	1664.159	4241.255	854324.080	16389.083
2	04:04:18	1019030.700	150.001	281.253	2100.154	1771.985	4222.499	848990.080	16207.626
3	04:05:27	1010254.700	95.313	304.691	2025.144	1734.480	4105.277	848272.730	16237.348
x		1017901.700	145.834	341.671	2090.257	1723.542	4189.677	850528.960	16278.019
σ		7149.730	48.572	85.160	60.773	54.739	73.691	3306.184	97.326
%RSD		0.702	33.306	24.924	2.907	3.176	1.759	0.389	0.598

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	04:11:05	22423.835	27.083	5694.885	1922.004	306328330.000	8387349.300	1070793.800	1263385.300	121866.030
2	04:12:13	22184.399	21.875	5515.127	1876.686	305862280.000	8425167.900	1073051.000	1259937.300	121533.520
3	04:13:21	22200.049	29.167	5515.127	1912.628	306238210.000	8409291.800	1069993.300	1261806.000	121445.280
x		22269.428	26.042	5575.046	1903.773	306142940.000	8407269.700	1071279.300	1261709.500	121614.940
σ		133.950	3.756	103.783	23.922	247198.480	18990.224	1585.616	1726.007	221.876
%RSD		0.601	14.422	1.862	1.257	0.081	0.226	0.148	0.137	0.182

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	04:11:05	2107881.600	37439.621	578406.750	1868980.600	12923418.000	96285.894	1586234.400	149429.010	5168.122
2	04:12:13	2119273.400	37101.240	579330.570	1891085.000	12972892.000	95114.021	1577080.500	147491.850	5166.559
3	04:13:21	2135476.900	37203.067	581095.440	1906814.000	13040804.000	96845.911	1592358.100	148903.250	5308.799
x		2120877.300	37247.976	579610.920	1888959.800	12979038.000	96081.942	1585224.300	148608.040	5214.493
σ		13867.388	173.603	1366.094	19006.036	58933.933	883.775	7688.701	1001.756	81.675
%RSD		0.654	0.466	0.236	1.006	0.454	0.920	0.485	0.674	1.566

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	04:11:05	135388.530	8235.185	34765.689	53286.697	8500762.600	921921.100	28345.281	1089.104	2050.147
2	04:12:13	139829.430	7981.917	36422.935	52690.742	8582216.400	924109.020	28483.054	1101.605	2129.846
3	04:13:21	144260.670	8339.934	37107.506	52515.097	8481508.600	913978.040	28674.061	1048.476	2159.538
x		139826.210	8185.679	36098.710	52830.845	8521495.900	920002.720	28500.798	1079.728	2113.177
σ		4436.072	184.071	1204.105	404.429	53459.505	5330.978	165.107	27.778	56.569
%RSD		3.173	2.249	3.336	0.766	0.627	0.579	0.579	2.573	2.677

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	04:11:05	3115.965	1196.925	4874.269	6677.602	690.642	690.642	877.631	57.292	34.375
2	04:12:13	3084.708	1225.053	4977.430	6821.941	710.955	710.955	853.671	40.625	32.292
3	04:13:21	2954.993	1259.431	4827.378	7004.842	729.706	729.706	895.341	51.042	39.063
x		3051.889	1227.136	4893.026	6834.795	710.434	710.434	875.548	49.653	35.243
σ		85.357	31.305	76.764	163.998	19.537	19.537	20.913	8.420	3.468
%RSD		2.797	2.551	1.569	2.399	2.750	2.750	2.389	16.957	9.840

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	04:11:05	7952.213	170.314	1543.833	112.500	318.754	3.125	413307.620	367.192	2629.930
2	04:12:13	7920.945	167.188	1501.641	112.500	300.003	7.813	411418.300	331.254	2672.125
3	04:13:21	7844.341	160.938	1490.703	156.251	329.691	3.125	414550.680	320.316	2637.744
x		7905.833	166.147	1512.059	127.084	316.149	4.688	413092.200	339.587	2646.599
σ		55.501	4.774	28.056	25.259	15.014	2.706	1577.261	24.524	22.448
%RSD		0.702	2.873	1.855	19.876	4.749	57.735	0.382	7.222	0.848

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	04:11:05	42.188	42.188	2543.977	25.000	390.630	428.131	32659.164	56815.882	989021.530
2	04:12:13	67.188	67.188	2475.214	25.000	339.067	465.633	32181.519	56605.675	986166.770
3	04:13:21	42.188	42.188	2548.665	21.875	335.941	360.942	32984.911	57830.880	993186.760
x		50.521	50.521	2522.619	23.958	355.213	418.235	32608.532	57084.146	989458.350
σ		14.434	14.434	41.120	1.804	30.712	53.042	404.082	655.176	3530.322
%RSD		28.570	28.570	1.630	7.531	8.646	12.682	1.239	1.148	0.357

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	04:11:05	1014873.300	109.375	271.878	703.142	618.763	1551.647	850564.060	11576.564
2	04:12:13	1014606.900	107.813	262.502	703.142	557.823	1493.828	850141.560	11509.322
3	04:13:21	1021006.800	89.063	181.251	739.082	592.200	1437.572	847002.130	11534.342
x		1016829.000	102.084	238.544	715.122	589.596	1494.349	849235.910	11540.076
σ		3620.533	11.303	49.838	20.750	30.553	57.039	1946.018	33.986
%RSD		0.356	11.073	20.893	2.902	5.182	3.817	0.229	0.295

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	04:19:00	22074.855	31.250	4377.233	3536.375	345459000.000	7706654.000	989533.340	1160274.800	180055.720
2	04:20:08	22308.029	36.458	4483.516	3627.023	343769280.000	7641084.600	981550.480	1150481.500	182059.000
3	04:21:16	21721.188	30.729	4502.272	3559.819	343480810.000	7713852.400	980413.770	1148290.300	181353.230
x		22034.691	32.813	4454.340	3574.406	344236360.000	7687197.000	983832.530	1153015.500	181155.980
σ		295.475	3.168	67.432	47.051	1068616.300	40096.394	4969.653	6381.490	1016.099
%RSD		1.341	9.655	1.514	1.316	0.310	0.522	0.505	0.553	0.561

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	04:19:00	1743097.300	39162.982	459355.920	2216937.900	17607522.000	92680.919	1531224.400	145960.620	5669.875
2	04:20:08	1743035.600	39081.510	456144.500	2225188.400	17562751.000	91716.915	1528378.400	146806.720	5834.004
3	04:21:16	1755291.000	38862.163	459396.250	2241358.600	17485290.000	91727.923	1513137.800	147611.830	5955.929
x		1747141.300	39035.552	458298.890	2227828.300	17551854.000	92041.919	1524246.800	146793.060	5819.936
σ		7057.939	155.587	1865.864	12422.568	61840.398	553.418	9725.370	825.691	143.545
%RSD		0.404	0.399	0.407	0.558	0.352	0.601	0.638	0.562	2.466

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	04:19:00	165640.690	6814.125	40773.729	201668.160	7214145.800	3645647.900	90680.644	906.279	1720.416
2	04:20:08	174423.990	6914.173	44378.198	198781.250	7095153.400	3581145.600	90307.982	840.650	1734.480
3	04:21:16	181289.930	6932.932	45792.024	198735.300	7184736.400	3647560.600	90227.790	812.523	1725.104
x		173784.870	6887.077	43647.984	199728.240	7164678.500	3624784.700	90405.472	853.151	1726.667
σ		7844.173	63.871	2587.611	1680.182	61980.126	37804.663	241.656	48.112	7.161
%RSD		4.514	0.927	5.928	0.841	0.865	1.043	0.267	5.639	0.415

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	04:19:00	2814.340	1067.227	2293.934	16769.211	846.900	846.900	866.693	47.917	39.063
2	04:20:08	2697.130	1126.607	2278.307	17167.079	814.086	814.086	848.984	50.000	32.292
3	04:21:16	2750.265	1089.104	2303.311	16933.468	929.718	929.718	889.611	43.750	42.188
x		2753.911	1094.313	2291.851	16956.586	863.568	863.568	868.429	47.222	37.847
σ		58.690	30.031	12.632	199.939	59.591	59.591	20.369	3.182	5.059
%RSD		2.131	2.744	0.551	1.179	6.901	6.901	2.346	6.739	13.366

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	04:19:00	6478.031	204.689	1201.613	145.313	310.941	4.688	408508.440	346.879	78.125
2	04:20:08	6448.330	168.751	1181.299	134.376	298.441	3.125	409706.070	337.504	73.438
3	04:21:16	6523.364	195.314	1318.811	117.188	278.128	0.000	406478.310	342.192	93.750
x		6483.242	189.585	1233.908	132.292	295.836	2.604	408230.940	342.192	81.771
σ		37.787	18.641	74.227	14.178	16.561	2.387	1631.678	4.688	10.636
%RSD		0.583	9.833	6.016	10.717	5.598	91.652	0.400	1.370	13.007

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	04:19:00	42.188	42.188	70.313	25.000	268.753	928.155	30538.857	54569.651	970436.180
2	04:20:08	35.938	35.938	60.938	18.750	228.127	879.715	30297.719	53623.892	962451.940
3	04:21:16	32.813	32.813	34.375	15.625	250.002	868.776	30828.541	54317.129	971653.980
x		36.979	36.979	55.208	19.792	248.961	892.215	30555.039	54170.224	968180.700
σ		4.774	4.774	18.641	4.774	20.333	31.602	265.780	489.694	4998.476
%RSD		12.909	12.909	33.765	24.119	8.167	3.542	0.870	0.904	0.516

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	04:19:00	997676.150	93.750	226.564	1684.474	1375.066	3572.322	825598.980	24439.637
2	04:20:08	993676.960	65.625	173.439	1623.530	1445.386	3422.285	831450.720	23970.093
3	04:21:16	990563.700	39.063	151.563	1571.962	1428.196	3426.974	826488.920	24470.941
x		993972.270	66.146	183.855	1626.655	1416.216	3473.860	827846.210	24293.557
σ		3565.408	27.348	38.570	56.321	36.659	85.302	3153.151	280.565
%RSD		0.359	41.344	20.979	3.462	2.588	2.456	0.381	1.155

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	04:26:56	21558.442	27.604	2967.496	2618.990	225193950.000	4239643.800	534018.330	631342.930	318856.660
2	04:28:04	21561.572	28.125	2795.586	2597.111	225803740.000	4203403.800	534692.870	634008.750	315283.340
3	04:29:12	21362.836	35.417	2901.857	2651.809	223655250.000	4160481.800	526311.970	617217.170	311519.290
x		21494.283	30.382	2888.313	2622.637	224884310.000	4201176.500	531674.390	627522.950	315219.760
σ		113.847	4.368	86.751	27.530	1107207.500	39627.937	4656.218	9024.046	3669.098
%RSD		0.530	14.377	3.004	1.050	0.492	0.943	0.876	1.438	1.164

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	04:26:56	1301784.100	23771.324	425733.390	2142903.500	14177263.000	54323.403	908792.060	145782.250	3858.334
2	04:28:04	1293522.400	24007.656	425712.460	2172398.100	14121136.000	55063.729	904544.140	146219.490	3745.804
3	04:29:12	1275553.200	23937.225	421567.220	2165691.800	13926565.000	54480.248	892922.690	145798.030	3583.262
x		1290286.600	23905.402	424337.690	2160331.100	14074988.000	54622.460	902086.300	145933.260	3729.133
σ		13411.467	121.338	2399.321	15460.786	131566.280	390.114	8215.228	248.014	138.291
%RSD		1.039	0.508	0.565	0.716	0.935	0.714	0.911	0.170	3.708

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	04:26:56	166002.670	6975.140	42336.077	38605.217	1824012.600	672276.690	19830.942	742.207	1015.661
2	04:28:04	173677.480	7056.430	44589.793	38835.528	1809808.600	671274.940	20089.115	721.893	1092.229
3	04:29:12	175714.670	7086.132	44911.109	38624.018	1788654.600	662414.450	19952.987	757.833	1082.853
x		171798.270	7039.234	43945.660	38688.254	1807491.900	668655.360	19957.681	740.644	1063.581
σ		5121.454	57.459	1403.168	127.888	17792.501	5427.947	129.150	18.021	41.764
%RSD		2.981	0.816	3.193	0.331	0.984	0.812	0.647	2.433	3.927

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	04:26:56	3772.373	1557.897	2242.363	5555.768	860.963	860.963	882.840	51.042	38.542
2	04:28:04	3728.612	1570.399	2331.440	5609.434	926.593	926.593	866.693	48.958	46.354
3	04:29:12	3742.678	1645.407	2265.805	5813.162	884.402	884.402	869.818	49.479	41.146
x		3747.887	1591.235	2279.870	5659.455	890.653	890.653	873.117	49.826	42.014
σ		22.341	47.330	46.174	135.792	33.258	33.258	8.564	1.084	3.978
%RSD		0.596	2.974	2.025	2.399	3.734	3.734	0.981	2.176	9.468

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	04:26:56	3541.064	1042.226	1601.652	657.828	1723.542	1.563	410921.500	303.128	64.063
2	04:28:04	3762.996	1073.478	1729.792	642.202	1679.786	4.688	408358.940	228.127	56.250
3	04:29:12	3650.466	1093.792	1701.664	657.828	1786.049	3.125	412146.670	304.691	71.875
x		3651.509	1069.832	1677.703	652.619	1729.792	3.125	410475.700	278.649	64.063
σ		110.970	25.976	67.347	9.022	53.407	1.563	1932.813	43.760	7.813
%RSD		3.039	2.428	4.014	1.382	3.087	50.000	0.471	15.704	12.195

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	04:26:56	25.000	25.000	59.375	20.313	228.127	884.402	24552.330	43268.552	973426.580
2	04:28:04	25.000	25.000	34.375	26.563	226.564	975.033	24591.460	43517.744	974390.650
3	04:29:12	18.750	18.750	54.688	12.500	229.689	943.781	24525.722	43690.145	989100.140
x		22.917	22.917	49.479	19.792	228.127	934.406	24556.504	43492.147	978972.460
σ		3.608	3.608	13.289	7.046	1.563	46.037	33.067	211.959	8784.069
%RSD		15.746	15.746	26.858	35.599	0.685	4.927	0.135	0.487	0.897

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	04:26:56	995996.020	79.688	157.813	2483.028	2131.409	4963.362	840867.680	13831.693
2	04:28:04	1001848.800	76.563	151.563	2408.015	2053.273	4878.958	845965.190	13988.095
3	04:29:12	1011527.700	65.625	157.813	2470.526	1868.872	4716.403	859073.130	13831.693
x		1003124.200	73.959	155.730	2453.857	2017.851	4852.908	848635.330	13883.827
σ		7843.995	7.384	3.608	40.189	134.805	125.523	9391.849	90.299
%RSD		0.782	9.984	2.317	1.638	6.681	2.587	1.107	0.650

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	04:34:52	21777.524	14.583	289.065	914.092	12494324.000	353110.780	48071.369	56066.054	3664.532
2	04:36:00	21800.997	20.313	270.315	975.033	12446937.000	352103.560	47908.323	56881.769	3639.526
3	04:37:08	21719.623	17.188	271.878	867.214	12585242.000	351892.190	47767.226	56624.500	3642.652
x		21766.048	17.361	277.086	918.780	12508834.000	352368.840	47915.639	56524.107	3648.904
σ		41.883	2.869	10.404	54.062	70284.864	651.167	152.203	417.021	13.625
%RSD		0.192	16.523	3.755	5.884	0.562	0.185	0.318	0.738	0.373

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	04:34:52	77657.376	2801.837	64947.300	533202.760	800061.960	4741.412	78711.560	146156.350	159.376
2	04:36:00	77635.382	2886.229	64054.219	521462.340	799505.510	4838.319	77715.504	144857.280	167.188
3	04:37:08	78298.361	2769.018	63997.717	520075.640	799926.560	4741.412	78251.229	144989.870	168.751
x		77863.706	2819.028	64333.079	524913.580	799831.340	4773.714	78226.097	145334.500	165.105
σ		376.582	60.467	532.681	7212.045	290.190	55.950	498.503	714.824	5.023
%RSD		0.484	2.145	0.828	1.374	0.036	1.172	0.637	0.492	3.042

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	04:34:52	56009.583	1432.884	18716.941	11562.490	138866.990	176149.660	5704.264	104.688	267.190
2	04:36:00	53559.589	1356.314	17651.523	11729.814	138895.390	176485.010	5461.981	107.813	228.127
3	04:37:08	51978.766	1428.196	17108.676	11612.530	138930.100	176758.680	5458.855	103.125	259.377
x		53849.313	1405.798	17825.713	11634.945	138897.490	176464.450	5541.700	105.209	251.565
σ		2030.967	42.918	818.160	85.884	31.607	305.028	140.793	2.387	20.670
%RSD		3.772	3.053	4.590	0.738	0.023	0.173	2.541	2.269	8.217

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	04:34:52	484.383	217.189	225.002	1789.695	456.257	456.257	904.716	41.667	46.354
2	04:36:00	406.256	259.377	293.753	1716.770	429.694	429.694	877.110	44.271	38.021
3	04:37:08	468.758	204.689	207.814	1698.018	407.818	407.818	934.926	44.271	33.333
x		453.132	227.085	242.190	1734.828	431.257	431.257	905.584	43.403	39.236
σ		41.341	28.656	45.475	48.433	24.257	24.257	28.918	1.504	6.595
%RSD		9.123	12.619	18.776	2.792	5.625	5.625	3.193	3.464	16.808

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	04:34:52	348.442	42.188	115.625	32.813	64.063	3.125	425815.470	254.690	14.063
2	04:36:00	389.068	51.563	109.375	20.313	79.688	1.563	429622.250	206.251	20.313
3	04:37:08	398.443	39.063	132.813	37.500	64.063	1.563	433697.330	281.253	6.250
x		378.651	44.271	119.271	30.208	69.271	2.083	429711.680	247.398	13.542
σ		26.579	6.505	12.137	8.885	9.021	0.902	3941.694	38.029	7.046
%RSD		7.019	14.694	10.176	29.412	13.023	43.301	0.917	15.371	52.030

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	04:34:52	3.125	3.125	9.375	3.125	59.375	118.750	1492.265	2690.878	991493.760
2	04:36:00	3.125	3.125	10.938	9.375	81.250	107.813	1400.069	2790.898	990565.370
3	04:37:08	1.563	1.563	6.250	3.125	65.625	121.876	1520.393	2629.930	1002074.800
x		2.604	2.604	8.854	5.208	68.750	116.146	1470.909	2703.902	994711.320
σ		0.902	0.902	2.387	3.608	11.267	7.384	62.941	81.270	6393.857
%RSD		34.641	34.641	26.956	69.282	16.389	6.358	4.279	3.006	0.643

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	04:34:52	1010365.200	62.500	129.688	84.375	84.375	185.939	876032.990	1328.187
2	04:36:00	1020118.400	62.500	154.688	92.188	70.313	192.189	900334.030	1562.586
3	04:37:08	1022245.500	62.500	145.313	93.750	92.188	223.439	894330.210	1561.023
x		1017576.400	62.500	143.230	90.104	82.292	200.522	890232.410	1483.932
σ		6334.947	0.000	12.630	5.023	11.085	20.091	12658.160	134.881
%RSD		0.623	0.000	8.818	5.574	13.471	10.019	1.422	9.089

C4369-16X25 MH3122 11/09/2011 04:41:40 AM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	04:42:48	21693.021	19.271	360.942	895.341	13943659.000	302168.510	40706.350	48005.523	6746.905
2	04:43:56	21729.013	14.063	276.565	920.342	14005127.000	302541.910	40623.302	47746.846	6981.393
3	04:45:04	21827.600	23.438	282.815	859.401	14048036.000	306734.600	41167.043	48458.612	7048.614
x		21749.878	18.924	306.774	891.695	13998941.000	303815.010	40832.232	48070.327	6925.637
σ		69.674	4.697	47.015	30.634	52462.847	2535.324	292.913	360.281	158.393
%RSD		0.320	24.822	15.326	3.435	0.375	0.834	0.717	0.749	2.287

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	04:42:48	63456.247	3009.692	65314.594	514711.520	979101.640	3703.605	61894.731	146221.070	153.126
2	04:43:56	65452.724	2926.862	65595.565	512117.620	986651.720	3647.341	62712.348	145109.830	168.751
3	04:45:04	65531.208	3147.222	65959.736	513662.250	982287.720	3639.526	62668.406	146274.740	173.439
x		64813.393	3027.925	65623.298	513497.130	982680.360	3663.491	62425.162	145868.550	165.105
σ		1175.978	111.305	323.464	1304.806	3790.324	34.959	459.891	657.619	10.636
%RSD		1.814	3.676	0.493	0.254	0.386	0.954	0.737	0.451	6.442

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	04:42:48	42017.952	1406.319	13880.177	10966.708	209701.340	169537.570	5530.758	98.438	262.502
2	04:43:56	40662.476	1320.374	13328.089	11015.183	211753.150	170454.640	5300.983	109.375	225.002
3	04:45:04	40407.065	1371.941	12747.873	10946.380	210717.690	170770.880	5332.245	110.938	242.190
x		41029.164	1366.211	13318.713	10976.090	210724.060	170254.360	5387.995	106.250	243.231
σ		865.786	43.258	566.211	35.348	1025.920	640.582	124.620	6.811	18.772
%RSD		2.110	3.166	4.251	0.322	0.487	0.376	2.313	6.410	7.718

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	04:42:48	382.818	203.126	210.939	1140.670	320.316	320.316	867.214	32.813	46.875
2	04:43:56	389.068	182.814	167.188	1109.939	323.441	323.441	851.067	46.875	36.458
3	04:45:04	365.630	210.939	195.314	1065.144	307.816	307.816	878.673	43.229	28.646
x		379.172	198.960	191.147	1105.251	317.191	317.191	865.651	40.972	37.326
σ		12.137	14.518	22.171	37.981	8.268	8.268	13.869	7.298	9.146
%RSD		3.201	7.297	11.599	3.436	2.607	2.607	1.602	17.812	24.502

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	04:42:48	350.004	29.688	85.938	32.813	51.563	6.250	427923.960	221.877	6.250
2	04:43:56	343.754	43.750	87.500	25.000	40.625	4.688	431203.200	243.752	10.938
3	04:45:04	312.503	43.750	71.875	14.063	51.563	3.125	435117.680	229.689	15.625
x		335.421	39.063	81.771	23.958	47.917	4.688	431414.950	231.773	10.938
σ		20.091	8.119	8.606	9.418	6.315	1.563	3601.532	11.085	4.688
%RSD		5.990	20.785	10.524	39.311	13.179	33.333	0.835	4.783	42.857

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	04:42:48	1.563	1.563	4.688	4.688	90.625	110.938	1306.310	2317.375	997182.460
2	04:43:56	1.563	1.563	12.500	1.563	79.688	98.438	1339.125	2361.133	993961.390
3	04:45:04	3.125	3.125	9.375	4.688	56.250	107.813	1304.747	2289.246	1006747.800
x		2.083	2.083	8.854	3.646	75.521	105.730	1316.727	2322.585	999297.210
σ		0.902	0.902	3.932	1.804	17.562	6.505	19.413	36.225	6650.337
%RSD		43.301	43.301	44.411	49.487	23.255	6.153	1.474	1.560	0.666

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	04:42:48	1018427.400	51.563	157.813	139.063	92.188	223.439	893218.470	653.140
2	04:43:56	1028794.600	65.625	142.188	100.000	98.438	278.128	889908.690	715.643
3	04:45:04	1032961.000	51.563	104.688	132.813	131.251	271.878	893324.820	637.514
x		1026727.700	56.250	134.896	123.959	107.292	257.815	892150.660	668.766
σ		7484.036	8.119	27.303	20.983	20.983	29.934	1942.331	41.342
%RSD		0.729	14.434	20.240	16.927	19.557	11.611	0.218	6.182

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	04:50:45	21979.395	19.271	282.815	912.529	12652611.000	316811.920	42840.703	50953.206	6442.077
2	04:51:53	21785.348	20.313	260.940	895.341	12699574.000	319946.240	43353.183	51258.985	6499.916
3	04:53:01	21696.150	20.313	239.065	912.529	12662656.000	318585.080	43060.111	50769.742	6395.181
x		21820.298	19.965	260.940	906.800	12671613.000	318447.750	43084.665	50993.978	6445.725
σ		144.821	0.601	21.875	9.924	24730.008	1571.670	257.121	247.156	52.463
%RSD		0.664	3.012	8.383	1.094	0.195	0.494	0.597	0.485	0.814

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	04:50:45	81975.149	3175.353	63267.914	493756.640	866968.380	3867.711	65287.910	144887.270	260.940
2	04:51:53	81990.864	3236.304	63754.445	497320.880	875146.700	3778.625	65466.851	146285.790	212.502
3	04:53:01	83075.227	3225.364	63476.650	497977.550	869201.240	3911.473	65501.384	144890.430	218.752
x		82347.080	3212.340	63499.670	496351.690	870438.770	3852.603	65418.715	145354.500	230.731
σ		630.643	32.496	244.081	2271.237	4227.271	67.700	114.589	806.526	26.348
%RSD		0.766	1.012	0.384	0.458	0.486	1.757	0.175	0.555	11.419

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	04:50:45	34060.869	1282.870	10901.033	9845.579	329551.550	145240.840	4622.623	84.375	257.815
2	04:51:53	33398.370	1279.745	10833.794	9457.817	330956.930	146598.350	4707.025	92.188	250.002
3	04:53:01	32817.338	1307.872	10711.827	9579.773	328403.700	145608.620	4508.524	123.438	246.877
x		33425.526	1290.162	10815.551	9627.723	329637.390	145815.930	4612.724	100.000	251.565
σ		622.210	15.417	95.913	198.278	1278.778	702.100	99.620	20.670	5.634
%RSD		1.861	1.195	0.887	2.059	0.388	0.481	2.160	20.670	2.239

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	04:50:45	417.194	203.126	314.066	955.240	237.502	237.502	878.673	42.708	39.063
2	04:51:53	420.319	150.001	331.254	931.280	225.002	225.002	891.174	40.104	36.458
3	04:53:01	417.194	132.813	384.380	917.738	232.814	232.814	901.070	35.417	45.313
x		418.235	161.980	343.233	934.753	231.773	231.773	890.306	39.410	40.278
σ		1.804	36.655	36.656	18.991	6.315	6.315	11.224	3.695	4.550
%RSD		0.431	22.630	10.680	2.032	2.725	2.725	1.261	9.376	11.298

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	04:50:45	351.567	18.750	84.375	15.625	43.750	1.563	428719.150	237.502	114.063
2	04:51:53	345.317	31.250	87.500	20.313	37.500	1.563	433719.880	281.253	110.938
3	04:53:01	390.630	42.188	93.750	21.875	56.250	4.688	432544.410	254.690	114.063
x		362.505	30.729	88.542	19.271	45.833	2.604	431661.150	257.815	113.021
σ		24.557	11.727	4.774	3.253	9.547	1.804	2614.751	22.042	1.804
%RSD		6.774	38.164	5.391	16.878	20.830	69.282	0.606	8.550	1.596

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	04:50:45	6.250	6.250	106.250	6.250	76.563	64.063	1387.567	2386.137	991085.600
2	04:51:53	0.000	0.000	117.188	3.125	73.438	45.313	1275.057	2325.189	1006288.900
3	04:53:01	0.000	0.000	114.063	3.125	73.438	48.438	1370.378	2429.894	1008598.300
x		2.083	2.083	112.500	4.167	74.479	52.604	1344.334	2380.407	1001990.900
σ		3.608	3.608	5.634	1.804	1.804	10.046	60.608	52.587	9514.623
%RSD		173.205	173.205	5.008	43.301	2.422	19.096	4.508	2.209	0.950

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	04:50:45	1024641.100	57.813	178.126	40.625	57.813	151.563	895516.820	481.258
2	04:51:53	1033378.700	85.938	182.814	81.250	54.688	154.688	901153.670	509.384
3	04:53:01	1034749.300	75.000	200.001	70.313	70.313	145.313	902387.390	559.386
x		1030923.100	72.917	186.980	64.063	60.938	150.522	899685.960	516.676
σ		5483.296	14.178	11.518	21.021	8.268	4.774	3662.900	39.571
%RSD		0.532	19.444	6.160	32.814	13.568	3.171	0.407	7.659

C4369-18X25 MH3124 11/09/2011 04:57:34 AM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	04:58:42	21703.975	12.500	232.814	962.532	14824081.000	300252.170	40565.325	47257.724	8977.820
2	04:59:50	21461.421	22.396	218.752	864.089	14800604.000	298846.590	40670.310	47560.288	8996.582
3	05:00:58	21661.723	22.396	225.002	868.776	14658858.000	298572.190	40284.845	47238.912	8993.455
x		21609.040	19.097	225.523	898.466	14761181.000	299223.650	40506.827	47352.308	8989.286
σ		129.575	5.713	7.046	55.533	89388.569	901.228	199.279	180.361	10.052
%RSD		0.600	29.917	3.124	6.181	0.606	0.301	0.492	0.381	0.112

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	04:58:42	69053.993	3395.716	59519.043	509067.720	1073303.300	3870.837	65885.959	146451.540	273.440
2	04:59:50	69970.939	3250.370	58999.708	507980.010	1071066.200	3727.049	65666.201	147037.200	270.315
3	05:00:58	69270.664	3473.860	59646.134	509074.190	1066196.400	3998.997	65198.441	148052.290	246.877
x		69431.865	3373.315	59388.295	508707.310	1070188.600	3865.628	65583.533	147180.340	263.544
σ		479.256	113.417	342.473	629.867	3633.790	136.049	351.135	809.918	14.518
%RSD		0.690	3.362	0.577	0.124	0.340	3.519	0.535	0.550	5.509

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	04:58:42	30537.291	1220.365	9770.528	15663.270	287734.420	257461.810	7323.752	87.500	220.314
2	04:59:50	30302.417	1210.989	9456.254	15933.881	286674.370	256585.310	7367.524	92.188	243.752
3	05:00:58	29078.001	1160.985	9443.745	15600.701	284756.900	256625.080	7154.916	84.375	257.815
x		29972.570	1197.446	9556.842	15732.617	286388.560	256890.740	7282.064	88.021	240.627
σ		783.570	31.923	185.163	177.085	1509.198	494.965	112.267	3.932	18.945
%RSD		2.614	2.666	1.937	1.126	0.527	0.193	1.542	4.467	7.873

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	04:58:42	379.693	150.001	232.814	1234.949	198.439	198.439	910.967	37.500	32.813
2	04:59:50	379.693	170.314	225.002	1186.508	225.002	225.002	932.322	39.583	41.667
3	05:00:58	317.191	160.938	218.752	1210.468	195.314	195.314	863.047	42.188	38.021
x		358.859	160.418	225.523	1210.642	206.252	206.252	902.112	39.757	37.500
σ		36.085	10.166	7.046	24.221	16.313	16.313	35.476	2.349	4.450
%RSD		10.056	6.337	3.124	2.001	7.909	7.909	3.933	5.907	11.867

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	04:58:42	264.065	21.875	64.063	15.625	43.750	0.000	435186.930	221.877	26.563
2	04:59:50	270.315	10.938	81.250	15.625	37.500	3.125	439424.670	253.127	12.500
3	05:00:58	298.441	23.438	87.500	10.938	50.000	4.688	436286.920	212.502	15.625
x		277.607	18.750	77.604	14.063	43.750	2.604	436966.180	229.169	18.229
σ		18.311	6.811	12.137	2.706	6.250	2.387	2199.013	21.272	7.384
%RSD		6.596	36.324	15.639	19.245	14.286	91.652	0.503	9.282	40.507

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	04:58:42	0.000	0.000	10.938	0.000	64.063	90.625	1412.570	2247.052	1008576.500
2	04:59:50	3.125	3.125	10.938	3.125	78.125	64.063	1321.936	2195.481	1007312.100
3	05:00:58	3.125	3.125	7.813	4.688	76.563	51.563	1256.305	2403.327	1018244.700
x		2.083	2.083	9.896	2.604	72.917	68.750	1330.270	2281.953	1011377.800
σ		1.804	1.804	1.804	2.387	7.708	19.949	78.465	108.229	5980.444
%RSD		86.603	86.603	18.232	91.652	10.570	29.016	5.898	4.743	0.591

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	04:58:42	1028269.700	82.813	160.938	107.813	95.313	214.064	902537.040	1043.788
2	04:59:50	1038862.000	78.125	209.377	131.251	109.375	254.690	911809.920	1084.416
3	05:00:58	1053506.400	92.188	218.752	92.188	95.313	264.065	917373.120	1107.856
x		1040212.700	84.375	196.356	110.417	100.000	244.273	910573.360	1078.687
σ		12672.469	7.160	31.028	19.661	8.119	26.578	7494.942	32.416
%RSD		1.218	8.486	15.802	17.806	8.119	10.881	0.823	3.005

C4369-19X25 MH3125 11/09/2011 05:05:32 AM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	05:06:40	21229.825	18.229	135.938	839.087	9672950.900	164213.420	21732.142	26180.217	14490.158
2	05:07:48	21621.037	26.042	157.813	901.591	9573105.200	162470.220	21955.922	25796.708	14214.881
3	05:08:56	21826.035	20.313	156.251	951.594	9590663.600	163739.270	22217.263	26100.384	14515.183
x		21558.966	21.528	150.001	897.424	9612239.900	163474.300	21968.442	26025.770	14406.741
σ		302.913	4.046	12.204	56.369	53305.205	901.301	242.802	202.349	166.626
%RSD		1.405	18.792	8.136	6.281	0.555	0.551	1.105	0.777	1.157

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	05:06:40	54494.364	2676.813	58288.987	504076.580	918897.840	2250.177	40013.773	144148.610	175.001
2	05:07:48	54419.078	2794.023	57631.640	511991.340	918756.340	2140.785	39028.239	147142.970	168.751
3	05:08:56	54202.633	2586.172	57492.017	511188.340	925659.410	2318.938	38981.236	147223.480	164.063
x		54372.025	2685.669	57804.215	509085.420	921104.530	2236.634	39341.083	146171.680	169.272
σ		151.451	104.208	425.590	4356.323	3945.276	89.845	583.040	1752.498	5.487
%RSD		0.279	3.880	0.736	0.856	0.428	4.017	1.482	1.199	3.242

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	05:06:40	26192.740	1185.987	8289.905	9021.598	76358.214	136161.450	4394.426	71.875	182.814
2	05:07:48	26034.639	1135.983	8313.356	8783.950	75803.710	138401.570	4195.929	87.500	209.377
3	05:08:56	25846.798	1181.299	8249.256	8712.031	76092.740	138264.310	4317.840	81.250	225.002
x		26024.726	1167.756	8284.172	8839.193	76084.888	137609.110	4302.731	80.209	205.731
σ		173.184	27.616	32.432	162.009	277.335	1255.590	100.107	7.864	21.329
%RSD		0.665	2.365	0.391	1.833	0.365	0.912	2.327	9.805	10.367

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	05:06:40	440.632	195.314	350.004	720.852	153.126	153.126	882.319	35.417	39.063
2	05:07:48	392.193	154.688	332.816	633.868	167.188	167.188	886.486	36.458	36.458
3	05:08:56	410.943	200.001	353.129	665.641	176.564	176.564	905.758	35.938	46.875
x		414.589	183.335	345.317	673.453	165.626	165.626	891.521	35.938	40.799
σ		24.424	24.919	10.938	44.015	11.797	11.797	12.504	0.521	5.421
%RSD		5.891	13.592	3.167	6.536	7.123	7.123	1.403	1.449	13.287

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	05:06:40	196.876	71.875	71.875	46.875	85.938	0.000	426940.500	245.315	3.125
2	05:07:48	164.063	57.813	90.625	56.250	82.813	0.000	435230.410	226.564	18.750
3	05:08:56	175.001	60.938	93.750	37.500	96.875	4.688	438786.760	270.315	7.813
x		178.647	63.542	85.417	46.875	88.542	1.563	433652.560	247.398	9.896
σ		16.708	7.384	11.831	9.375	7.384	2.706	6078.710	21.950	8.018
%RSD		9.352	11.621	13.851	20.000	8.340	173.205	1.402	8.872	81.025

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	05:06:40	4.688	4.688	4.688	3.125	56.250	65.625	995.347	1886.062	1003765.700
2	05:07:48	0.000	0.000	6.250	7.813	75.000	98.438	1000.035	1854.808	1017745.300
3	05:08:56	0.000	0.000	4.688	0.000	71.875	76.563	1068.790	1876.686	1029941.800
x		1.563	1.563	5.208	3.646	67.708	80.209	1021.391	1872.519	1017150.900
σ		2.706	2.706	0.902	3.932	10.046	16.707	41.116	16.038	13098.151
%RSD		173.205	173.205	17.321	107.855	14.836	20.830	4.025	0.857	1.288

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	05:06:40	1023777.700	71.875	165.626	154.688	131.251	314.066	901306.640	634.389
2	05:07:48	1047599.600	79.688	168.751	145.313	129.688	262.502	916735.650	621.889
3	05:08:56	1062429.100	65.625	157.813	159.376	145.313	304.691	925711.040	618.763
x		1044602.100	72.396	164.063	153.126	135.417	293.753	914584.440	625.014
σ		19499.263	7.046	5.634	7.160	8.606	27.467	12343.600	8.268
%RSD		1.867	9.732	3.434	4.676	6.355	9.350	1.350	1.323

CCV82 11/09/2011 05:13:28 AM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	05:14:35	21713.364	35639.714	5596.409	1015.661	36997135.000	27829490.000	3772523.300	4370490.000	6004423.700
2	05:15:44	22052.946	36088.233	5801.178	1051.601	37372914.000	28137331.000	3821892.600	4418435.500	6113799.100
3	05:16:51	22282.990	36562.353	5816.809	1010.973	37396563.000	28371034.000	3847929.800	4426813.800	6128254.700
x		22016.433	36096.767	5738.132	1026.079	37255537.000	28112618.000	3814115.200	4405246.400	6082159.200
σ		286.563	461.379	122.985	22.227	224095.260	271616.390	38300.109	30390.101	67707.814
%RSD		1.302	1.278	2.143	2.166	0.602	0.966	1.004	0.690	1.113

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	05:14:35	68168.506	318053.110	73453.983	449183.760	21117874.000	93492.431	1542165.900	148132.810	46130.611
2	05:15:44	71054.392	321647.880	74784.296	453891.610	21373089.000	94503.740	1553591.300	148893.780	46567.964
3	05:16:51	70624.141	323544.690	74485.868	449893.060	21507998.000	94874.939	1564218.800	149316.910	47055.495
x		69949.013	321081.890	74241.382	450989.480	21332987.000	94290.370	1553325.300	148781.170	46584.690
σ		1556.899	2789.200	698.042	2538.219	198129.270	715.526	11028.867	600.032	462.669
%RSD		2.226	0.869	0.940	0.563	0.929	0.759	0.710	0.403	0.993

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	05:14:35	747327.300	674972.900	88359.919	2699358.500	2128995.500	45942328.000	1097376.800	858945.470	183608.320
2	05:15:44	753105.110	682453.530	89007.672	2747711.700	2171593.100	46830844.000	1108900.500	865575.080	187225.130
3	05:16:51	754189.840	691413.050	89782.812	2751986.800	2160120.200	47260549.000	1118755.800	868202.550	188988.750
x		751540.750	682946.490	89050.134	2733019.000	2153569.600	46677907.000	1108344.400	864241.040	186607.400
σ		3689.043	8231.152	712.396	29229.090	22041.369	672286.410	10700.366	4770.551	2742.887
%RSD		0.491	1.205	0.800	1.069	1.023	1.440	0.965	0.552	1.470

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	05:14:35	932227.480	452043.760	359724.300	161161.250	9429.674	9429.674	30135.919	12410.076	50.000
2	05:15:44	944772.080	458568.720	359657.020	163950.530	9465.635	9465.635	30617.671	12529.450	45.313
3	05:16:51	951220.200	460089.920	366050.750	163373.140	9091.955	9091.955	30571.740	12821.897	43.750
x		942739.920	456900.800	361810.690	162828.300	9329.088	9329.088	30441.777	12587.141	46.354
σ		9658.060	4274.536	3672.153	1472.296	206.149	206.149	265.874	211.885	3.253
%RSD		1.024	0.936	1.015	0.904	2.210	2.210	0.873	1.683	7.017

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	05:14:35	164844.060	286656.830	310080.680	184328.450	477103.300	6.250	427634.230	19838.766	936081.730
2	05:15:44	167790.560	296590.930	317703.260	188466.290	484767.450	6.250	433289.930	20170.480	944106.740
3	05:16:51	167632.470	298128.700	319725.770	192567.310	493341.090	3.125	434679.650	20256.539	950626.310
x		166755.700	293792.160	315836.570	188454.020	485070.610	5.208	431867.940	20088.595	943604.930
σ		1657.416	6227.023	5086.286	4119.447	8123.137	1.804	3731.761	220.596	7285.263
%RSD		0.994	2.120	1.610	2.186	1.675	34.641	0.864	1.098	0.772

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	05:14:35	14904.646	14904.646	909876.690	224646.280	610314.270	962655.630	854622.410	1520800.400	1022218.700
2	05:15:44	15076.702	15076.702	920149.680	227378.050	619616.190	975578.700	869430.190	1534575.700	1028432.400
3	05:16:51	15004.751	15004.751	918308.570	229694.360	621164.090	979674.950	876813.110	1544379.100	1027952.800
x		14995.366	14995.366	916111.650	227239.560	617031.510	972636.430	866955.240	1533251.700	1026201.300
σ		86.411	86.411	5477.542	2526.886	5868.567	8882.965	11300.482	11844.990	3457.350
%RSD		0.576	0.576	0.598	1.112	0.951	0.913	1.303	0.773	0.337

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	05:14:35	1037534.600	1468755.700	3800727.000	1194568.500	1105980.300	2593935.900	891874.200	6369109.300
2	05:15:44	1042665.300	1479097.000	3821906.200	1211150.000	1122402.500	2636407.000	894616.050	6365539.600
3	05:16:51	1050765.200	1479670.800	3837239.800	1201623.400	1119096.700	2601885.500	896194.920	6357152.400
x		1043655.000	1475841.200	3819957.700	1202447.300	1115826.500	2610742.800	894228.390	6363933.800
σ		6670.573	6142.914	18334.250	8321.368	8685.733	22578.459	2186.290	6138.031
%RSD		0.639	0.416	0.480	0.692	0.778	0.865	0.244	0.096

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	05:22:30	22181.269	15.625	135.938	796.897	248584.770	2353.319	292.190	253.127	1489.140
2	05:23:38	21952.792	27.604	81.250	854.713	249203.220	3062.828	317.191	456.257	1489.140
3	05:24:46	22225.087	19.792	71.875	796.897	250012.490	3198.796	418.756	484.383	1571.962
x		22119.716	21.007	96.355	816.169	249266.830	2871.648	342.713	397.923	1516.747
σ		146.212	6.081	34.599	33.380	715.981	454.005	67.032	126.183	47.817
%RSD		0.661	28.949	35.908	4.090	0.287	15.810	19.559	31.710	3.153

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	05:22:30	2153.287	1814.178	42146.455	448806.550	377751.060	17.188	2104.843	147182.430	12.500
2	05:23:38	2503.344	1942.320	42762.343	448400.340	376896.110	23.438	2165.789	149212.710	14.063
3	05:24:46	2356.444	1846.994	42271.824	448706.610	377497.620	35.938	1956.384	148437.510	14.063
x		2337.692	1867.831	42393.541	448637.830	377381.590	25.521	2075.672	148277.550	13.542
σ		175.780	66.563	325.486	211.659	439.127	9.547	107.707	1024.545	0.902
%RSD		7.519	3.564	0.768	0.047	0.116	37.409	5.189	0.691	6.662

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	05:22:30	16409.419	909.404	5593.282	7684.879	631.264	115798.680	3813.009	62.500	159.376
2	05:23:38	16035.557	864.089	5530.758	7709.892	628.139	116167.280	3895.844	70.313	132.813
3	05:24:46	15682.040	862.526	5338.497	7589.516	698.455	115874.290	3920.851	87.500	196.876
x		16042.339	878.673	5487.512	7661.429	652.619	115946.750	3876.568	73.438	163.022
σ		363.737	26.625	132.784	63.522	39.725	194.690	56.446	12.790	32.187
%RSD		2.267	3.030	2.420	0.829	6.087	0.168	1.456	17.416	19.744

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	05:22:30	276.565	103.125	117.188	345.317	115.625	115.625	921.905	47.396	28.125
2	05:23:38	329.691	132.813	137.501	313.545	104.688	104.688	911.487	35.417	34.896
3	05:24:46	354.692	98.438	154.688	318.754	84.375	84.375	881.798	43.229	44.792
x		320.316	111.459	136.459	325.872	101.563	101.563	905.063	42.014	35.938
σ		39.898	18.641	18.772	17.040	15.858	15.858	20.811	6.081	8.382
%RSD		12.456	16.725	13.756	5.229	15.614	15.614	2.299	14.475	23.324

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	05:22:30	439.069	695.329	776.584	487.508	1182.862	0.000	441557.700	223.439	48.438
2	05:23:38	293.753	539.073	532.822	334.379	840.650	1.563	440331.660	235.939	54.688
3	05:24:46	256.252	403.131	439.069	245.315	639.077	0.000	437804.170	248.440	76.563
x		329.692	545.844	582.825	355.734	887.529	0.521	439897.840	235.939	59.896
σ		96.562	146.217	174.225	122.501	274.907	0.902	1914.003	12.500	14.768
%RSD		29.289	26.787	29.893	34.436	30.974	173.205	0.435	5.298	24.656

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	05:22:30	1.563	1.563	40.625	0.000	515.634	1879.811	18.750	23.438	1006364.300
2	05:23:38	1.563	1.563	89.063	9.375	454.695	1296.934	32.813	46.875	1012727.100
3	05:24:46	1.563	1.563	87.500	15.625	340.629	993.785	46.875	51.563	1003548.000
x		1.563	1.563	72.396	8.333	436.986	1390.177	32.813	40.625	1007546.500
σ		0.000	0.000	27.526	7.864	88.836	450.313	14.063	15.068	4702.350
%RSD		0.000	0.000	38.021	94.373	20.329	32.392	42.857	37.091	0.467

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	05:22:30	1036975.800	70.313	201.564	71.875	60.938	170.314	903468.220	389.068
2	05:23:38	1030646.200	126.563	307.816	107.813	79.688	221.877	910507.210	387.505
3	05:24:46	1025435.900	145.313	365.630	103.125	76.563	220.314	901401.410	385.943
x		1031019.300	114.063	291.670	94.271	72.396	204.168	905125.610	387.505
σ		5779.033	39.032	83.216	19.537	10.046	29.329	4773.793	1.563
%RSD		0.561	34.219	28.531	20.724	13.876	14.365	0.527	0.403

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	05:30:25	21602.258	19.792	65.625	875.027	249371.750	2581.483	268.753	375.005	1554.772
2	05:31:32	21799.432	21.354	59.375	804.710	248676.980	2458.024	340.629	371.880	1561.023
3	05:32:40	21912.105	16.146	65.625	839.087	247456.050	2517.409	279.690	373.442	1554.772
x		21771.265	19.097	63.542	839.608	248501.600	2518.972	296.357	373.442	1556.856
σ		156.832	2.673	3.608	35.161	969.816	61.744	38.729	1.563	3.609
%RSD		0.720	13.995	5.679	4.188	0.390	2.451	13.068	0.418	0.232

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	05:30:25	2387.700	1850.120	42668.313	440555.590	372804.890	21.875	2000.140	145543.900	23.438
2	05:31:32	2387.700	1962.635	42572.716	446095.460	375163.890	34.375	1968.886	146402.610	9.375
3	05:32:40	2325.189	1839.181	42406.598	446985.140	373265.120	26.563	2062.649	147142.970	25.000
x		2366.863	1883.979	42549.209	444545.400	373744.630	27.604	2010.558	146363.160	19.271
σ		36.090	68.338	132.432	3483.789	1250.470	6.315	47.742	800.264	8.606
%RSD		1.525	3.627	0.311	0.784	0.335	22.876	2.375	0.547	44.656

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	05:30:25	13751.928	879.715	4710.151	7645.796	596.887	113862.900	3700.479	60.938	142.188
2	05:31:32	13656.524	917.217	4592.926	7444.127	654.703	114077.100	3797.380	53.125	185.939
3	05:32:40	13251.456	910.967	4505.398	7434.747	623.451	114376.360	3739.552	60.938	148.438
x		13553.303	902.633	4602.825	7508.223	625.014	114105.450	3745.804	58.333	158.855
σ		265.724	20.092	102.735	119.234	28.939	257.898	48.752	4.511	23.662
%RSD		1.961	2.226	2.232	1.588	4.630	0.226	1.302	7.732	14.896

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	05:30:25	309.378	107.813	135.938	290.107	87.500	87.500	885.444	38.021	35.417
2	05:31:32	289.065	89.063	100.000	264.586	96.875	96.875	904.195	41.146	36.979
3	05:32:40	304.691	92.188	137.501	287.503	100.000	100.000	906.800	41.146	33.333
x		301.045	96.354	124.480	280.732	94.792	94.792	898.813	40.104	35.243
σ		10.636	10.046	21.214	14.043	6.505	6.505	11.651	1.804	1.829
%RSD		3.533	10.426	17.042	5.002	6.863	6.863	1.296	4.499	5.190

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	05:30:25	107.813	165.626	196.876	140.626	259.377	1.563	430755.620	271.878	26.563
2	05:31:32	82.813	106.250	148.438	75.000	209.377	3.125	437126.060	207.814	14.063
3	05:32:40	82.813	95.313	134.376	79.688	176.564	0.000	439340.910	184.376	15.625
x		91.146	122.396	159.897	98.438	215.106	1.563	435740.860	221.356	18.750
σ		14.434	37.835	32.788	36.611	41.703	1.563	4457.113	45.295	6.811
%RSD		15.836	30.912	20.506	37.192	19.387	100.000	1.023	20.463	36.324

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	05:30:25	0.000	0.000	17.188	12.500	187.501	442.194	7.813	29.688	995994.350
2	05:31:32	0.000	0.000	17.188	4.688	160.938	439.069	14.063	12.500	1006553.500
3	05:32:40	1.563	1.563	15.625	7.813	164.063	393.755	7.813	21.875	1001852.200
x		0.521	0.521	16.667	8.333	170.834	425.006	9.896	21.354	1001466.700
σ		0.902	0.902	0.902	3.932	14.518	27.109	3.608	8.606	5290.130
%RSD		173.205	173.205	5.413	47.186	8.498	6.379	36.464	40.299	0.528

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	05:30:25	1023643.600	62.500	151.563	51.563	53.125	123.438	902136.310	96.875
2	05:31:32	1032184.300	62.500	140.626	40.625	62.500	112.500	906436.760	79.688
3	05:32:40	1034016.200	79.688	175.001	45.313	45.313	104.688	912972.980	84.375
x		1029948.000	68.229	155.730	45.833	53.646	113.542	907182.020	86.979
σ		5536.092	9.923	17.562	5.487	8.606	9.418	5456.635	8.885
%RSD		0.538	14.544	11.277	11.972	16.041	8.295	0.601	10.215

PB59037BL 11/09/2011 05:37:11 AM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	05:38:19	21661.723	21.354	40.625	851.588	249766.050	2134.535	314.066	257.815	1409.445
2	05:39:28	21580.350	22.396	35.938	751.582	249498.940	2054.835	260.940	262.502	1407.882
3	05:40:35	21807.257	16.667	32.813	784.397	249808.980	2001.703	298.441	287.503	1376.629
x		21683.110	20.139	36.458	795.856	249691.320	2063.691	291.149	269.273	1397.985
σ		114.955	3.052	3.932	50.978	167.984	66.857	27.303	15.960	18.512
%RSD		0.530	15.154	10.785	6.405	0.067	3.240	9.378	5.927	1.324

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	05:38:19	2203.295	1875.123	42032.056	445595.860	374283.430	20.313	1842.306	145872.220	21.875
2	05:39:28	2500.219	1831.367	42588.387	447168.880	373589.050	23.438	1846.994	145422.360	6.250
3	05:40:35	2412.704	1953.259	42315.704	446214.730	372209.990	18.750	1773.548	146077.430	20.313
x		2372.073	1886.583	42312.049	446326.490	373360.820	20.833	1820.949	145790.670	16.146
σ		152.575	61.748	278.184	792.444	1055.393	2.387	41.118	335.063	8.606
%RSD		6.432	3.273	0.657	0.178	0.283	11.456	2.258	0.230	53.299

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	05:38:19	12095.744	842.212	4111.529	7295.612	584.387	113489.640	3709.857	62.500	185.939
2	05:39:28	12105.127	857.838	3992.745	7589.516	568.761	113177.800	3795.817	67.188	156.251
3	05:40:35	11762.653	884.402	4094.337	7328.442	626.576	112425.020	3783.313	68.750	160.938
x		11987.841	861.484	4066.204	7404.523	593.242	113030.820	3762.996	66.146	167.709
σ		195.075	21.330	64.195	161.047	29.907	547.317	46.442	3.253	15.960
%RSD		1.627	2.476	1.579	2.175	5.041	0.484	1.234	4.917	9.517

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	05:38:19	289.065	98.438	134.376	265.627	106.250	106.250	914.092	42.188	35.938
2	05:39:28	320.316	104.688	151.563	261.461	76.563	76.563	918.780	43.750	41.146
3	05:40:35	215.627	117.188	117.188	269.273	73.438	73.438	928.676	43.750	43.229
x		275.003	106.771	134.376	265.454	85.417	85.417	920.516	43.229	40.104
σ		53.743	9.547	17.188	3.909	18.110	18.110	7.446	0.902	3.756
%RSD		19.543	8.942	12.791	1.473	21.202	21.202	0.809	2.087	9.365

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	05:38:19	70.313	68.750	78.125	43.750	115.625	0.000	438040.950	225.002	18.750
2	05:39:28	68.750	81.250	50.000	40.625	115.625	0.000	436199.950	240.627	17.188
3	05:40:35	46.875	64.063	71.875	39.063	78.125	1.563	434905.100	201.564	17.188
x		61.979	71.354	66.667	41.146	103.125	0.521	436382.000	222.398	17.708
σ		13.104	8.885	14.768	2.387	21.651	0.902	1575.830	19.661	0.902
%RSD		21.142	12.452	22.152	5.801	20.995	173.205	0.361	8.841	5.094

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	05:38:19	0.000	0.000	7.813	6.250	98.438	254.690	3.125	7.813	1004252.900
2	05:39:28	1.563	1.563	7.813	4.688	118.750	204.689	4.688	10.938	1009760.600
3	05:40:35	0.000	0.000	7.813	7.813	95.313	196.876	6.250	6.250	1013238.100
x		0.521	0.521	7.813	6.250	104.167	218.752	4.688	8.333	1009083.900
σ		0.902	0.902	0.000	1.563	12.726	31.367	1.563	2.387	4530.661
%RSD		173.205	173.205	0.000	25.000	12.217	14.339	33.333	28.641	0.449

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	05:38:19	1036776.200	46.875	126.563	39.063	43.750	70.313	908337.940	43.750
2	05:39:28	1036972.500	54.688	151.563	39.063	29.688	92.188	907662.600	35.938
3	05:40:35	1035784.500	48.438	125.001	26.563	37.500	75.000	908712.210	37.500
x		1036511.100	50.000	134.376	34.896	36.979	79.167	908237.580	39.063
σ		636.807	4.134	14.905	7.217	7.046	11.517	531.954	4.134
%RSD		0.061	8.268	11.092	20.681	19.053	14.548	0.059	10.583

PB58970BS 11/09/2011 05:45:07 AM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	05:46:15	23107.736	13917.714	3552.004	787.522	2463916.000	1010137.500	136598.400	160152.080	1179213.400
2	05:47:23	23630.465	14161.703	3584.825	845.338	2496726.500	1031842.100	138996.360	162016.670	1187949.300
3	05:48:31	23666.462	14312.896	3611.394	832.837	2510807.400	1029227.300	139373.450	163974.760	1197294.100
x		23468.221	14130.771	3582.741	821.899	2490483.300	1023735.600	138322.740	162047.840	1188152.200
σ		312.708	199.399	29.750	30.420	24061.021	11848.714	1505.176	1911.534	9042.038
%RSD		1.332	1.411	0.830	3.701	0.966	1.157	1.088	1.180	0.761

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	05:46:15	126640.090	183867.880	41419.333	435091.920	8483194.800	1851.683	32994.308	143182.720	18483.825
2	05:47:23	128062.060	184760.540	41347.249	439550.330	8531171.300	1906.377	33446.921	144143.870	19125.294
3	05:48:31	130013.950	185252.790	41554.098	448416.460	8592651.000	1968.886	33504.869	145150.870	19225.428
x		128238.700	184627.070	41440.227	441019.570	8535672.300	1908.982	33315.366	144159.150	18944.849
σ		1693.849	702.035	104.995	6782.689	54866.741	58.645	279.550	984.164	402.385
%RSD		1.321	0.380	0.253	1.538	0.643	3.072	0.839	0.683	2.124

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	05:46:15	432182.120	530294.320	67035.036	326717.240	397457.870	5568248.800	130783.420	335050.710	184684.560
2	05:47:23	437159.880	534678.270	68148.096	327799.430	399051.390	5636993.300	132689.950	340630.360	187612.980
3	05:48:31	441979.840	544308.470	68743.125	330757.060	404139.910	5690890.300	134066.770	344131.540	188330.130
x		437107.280	536427.020	67975.419	328424.580	400216.390	5632044.100	132513.380	339937.530	186875.890
σ		4899.069	7168.867	867.038	2091.207	3490.033	61470.342	1648.781	4579.885	1931.325
%RSD		1.121	1.336	1.276	0.637	0.872	1.091	1.244	1.347	1.033

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	05:46:15	289130.950	140862.950	73059.782	249233.430	35927.934	35927.934	114199.430	48600.760	45.313
2	05:47:23	291766.540	141577.780	74653.929	250933.110	35754.061	35754.061	116327.430	48915.895	40.104
3	05:48:31	292463.390	143226.910	74000.543	254084.970	36087.711	36087.711	117546.730	49525.281	40.104
x		291120.290	141889.210	73904.751	251417.170	35923.236	35923.236	116024.530	49013.979	41.840
σ		1757.701	1212.359	801.379	2461.724	166.875	166.875	1694.082	470.000	3.007
%RSD		0.604	0.854	1.084	0.979	0.465	0.465	1.460	0.959	7.187

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	05:46:15	132770.380	234377.310	254531.880	149495.330	388931.070	0.000	428395.600	8060.086	140503.180
2	05:47:23	135136.150	240148.550	256959.130	152754.530	394802.950	3.125	423396.710	8066.339	142373.120
3	05:48:31	135987.930	241661.240	260963.560	155317.890	398039.360	3.125	428802.860	8222.678	145212.430
x		134631.490	238729.030	257484.860	152522.580	393924.460	2.083	426865.060	8116.368	142696.240
σ		1667.087	3843.845	3247.909	2918.203	4617.255	1.804	3010.570	92.121	2371.191
%RSD		1.238	1.610	1.261	1.913	1.172	86.603	0.705	1.135	1.662

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	05:46:15	5943.424	5943.424	137448.680	91735.786	888428.500	1515783.400	68214.035	121251.460	997617.570
2	05:47:23	6085.671	6085.671	139048.430	92088.041	892906.070	1524461.500	69600.385	123725.660	1004115.600
3	05:48:31	6151.324	6151.324	140468.470	93030.053	910227.710	1536954.400	69319.336	123298.550	1005351.300
x		6060.140	6060.140	138988.530	92284.627	897187.430	1525733.100	69044.586	122758.560	1002361.500
σ		106.276	106.276	1510.784	669.153	11512.987	10642.625	732.876	1322.542	4154.537
%RSD		1.754	1.754	1.087	0.725	1.283	0.698	1.061	1.077	0.414

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	05:46:15	1019443.000	6323660.800	15418549.000	2441041.400	2243613.100	5652633.800	901394.760	146.876
2	05:47:23	1044401.100	6405047.800	15511901.000	2473892.000	2280821.000	5752505.500	906825.960	140.626
3	05:48:31	1039043.300	6449493.300	15636542.000	2461193.900	2303400.200	5705546.500	905166.120	154.688
x		1034295.800	6392734.000	15522331.000	2458709.100	2275944.800	5703561.900	904462.280	147.397
σ		13138.898	63813.619	109370.260	16565.632	30190.360	49965.433	2783.169	7.046
%RSD		1.270	0.998	0.705	0.674	1.326	0.876	0.308	4.780

PB59037BS 11/09/2011 05:53:03 AM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	05:54:11	24317.554	14238.863	3552.004	759.395	2483096.000	1019994.400	137688.480	163127.650	1180806.000
2	05:55:19	23614.814	14176.823	3469.171	793.772	2551996.100	1044189.500	141533.590	166687.130	1210723.800
3	05:56:27	23441.091	14510.491	3717.671	790.647	2582725.500	1061948.400	145209.270	170517.880	1237016.000
x		23791.153	14308.726	3579.616	781.271	2539272.500	1042044.100	141477.110	166777.550	1209515.300
σ		464.078	177.466	126.530	19.010	51018.880	21059.136	3760.714	3695.949	28124.480
%RSD		1.951	1.240	3.535	2.433	2.009	2.021	2.658	2.216	2.325

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	05:54:11	129105.770	182828.100	41516.489	441754.270	8582220.800	2004.828	33274.644	146355.250	18828.024
2	05:55:19	130660.430	190073.310	41610.512	446675.680	8801948.200	2078.276	33725.700	145580.200	19391.277
3	05:56:27	133681.940	192884.040	41232.857	444309.840	8922528.500	2064.212	34245.685	142324.200	19870.059
x		131149.380	188595.150	41453.286	444246.600	8768899.200	2049.105	33748.677	144753.220	19363.120
σ		2326.940	5188.372	196.601	2461.315	172544.220	38.985	485.928	2138.987	521.588
%RSD		1.774	2.751	0.474	0.554	1.968	1.903	1.440	1.478	2.694

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	05:54:11	436096.870	534820.970	67440.061	325219.580	401981.850	5605680.000	132978.550	342932.910	186620.420
2	05:55:19	449878.550	550334.430	69333.467	335514.530	412502.020	5805856.700	135831.770	351943.430	189810.470
3	05:56:27	457386.400	560761.200	70708.934	342948.910	422938.110	5879591.200	138139.680	356637.400	195020.570
x		447787.270	548638.870	69160.821	334561.010	412473.990	5763709.300	135650.000	350504.580	190483.820
σ		10797.735	13052.972	1641.261	8903.043	10478.158	141736.130	2585.361	6964.624	4240.364
%RSD		2.411	2.379	2.373	2.661	2.540	2.459	1.906	1.987	2.226

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	05:54:11	289771.860	141525.700	73628.314	251835.240	35882.508	35882.508	115248.950	49199.157	43.229
2	05:55:19	296437.800	146030.070	76155.574	258461.390	36299.184	36299.184	119184.690	50204.207	40.625
3	05:56:27	305320.410	147206.110	77443.721	264755.820	37644.847	37644.847	120338.580	51108.970	42.708
x		297176.690	144920.630	75742.536	258350.820	36608.846	36608.846	118257.410	50170.778	42.188
σ		7800.563	2998.318	1940.949	6461.003	921.074	921.074	2668.514	955.345	1.378
%RSD		2.625	2.069	2.563	2.501	2.516	2.516	2.257	1.904	3.266

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	05:54:11	134073.080	237925.880	255128.320	151446.970	386860.340	0.000	438556.410	8311.792	141442.070
2	05:55:19	138221.710	243539.610	263964.820	155944.980	400897.320	1.563	437430.480	8360.258	145400.260
3	05:56:27	140992.340	249875.750	270528.090	159742.840	413740.190	0.000	426819.780	8380.583	148562.230
x		137762.380	243780.410	263207.080	155711.600	400499.280	0.521	434268.890	8350.878	145134.850
σ		3482.425	5978.576	7727.800	4152.858	13444.342	0.902	6475.635	35.341	3567.493
%RSD		2.528	2.452	2.936	2.667	3.357	173.205	1.491	0.423	2.458

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	05:54:11	6029.397	6029.397	138814.920	91271.891	883294.680	1515769.500	69352.308	122192.230	1021911.900
2	05:55:19	6159.140	6159.140	140413.240	93659.143	905247.610	1566377.900	70295.966	125853.500	1023145.700
3	05:56:27	6268.563	6268.563	143305.820	95722.754	932843.960	1587675.900	72739.403	126736.250	996213.560
x		6152.367	6152.367	140844.660	93551.263	907128.750	1556607.800	70795.893	124927.330	1013757.100
σ		119.726	119.726	2276.317	2227.392	24828.144	36935.370	1748.012	2409.435	15205.637
%RSD		1.946	1.946	1.616	2.381	2.737	2.373	2.469	1.929	1.500

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	05:54:11	1052451.500	6385997.100	15403730.000	2438254.600	2260066.900	5679134.300	923509.560	104.688
2	05:55:19	1043560.000	6555326.200	15793041.000	2510828.100	2318168.200	5802397.200	907682.560	104.688
3	05:56:27	1023908.500	6603813.900	16026013.000	2566629.400	2370152.700	5896297.500	888697.620	135.938
x		1039973.300	6515045.800	15740928.000	2505237.300	2316129.300	5792609.700	906629.910	115.105
σ		14605.627	114358.760	314397.160	64369.745	55071.214	108911.910	17429.825	18.042
%RSD		1.404	1.755	1.997	2.569	2.378	1.880	1.922	15.675

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	06:02:07	20708.749	51.563	128.126	1129.732	1327975.500	381715.310	52364.546	60920.243	48494.671
2	06:03:15	21276.770	56.250	148.438	1160.985	1320682.800	383992.310	51704.335	60983.010	47795.446
3	06:04:23	21018.576	41.146	131.251	1087.541	1303066.900	376211.220	51417.365	59602.201	46395.529
x		21001.365	49.653	135.938	1126.086	1317241.700	380639.610	51828.749	60501.818	47561.882
σ		284.401	7.731	10.938	36.857	12805.853	4000.527	485.692	779.723	1068.884
%RSD		1.354	15.570	8.046	3.273	0.972	1.051	0.937	1.289	2.247

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	06:02:07	270531.270	11822.077	44959.699	2117445.900	963346.850	14638.746	246494.330	140823.500	126.563
2	06:03:15	267592.320	11922.160	44820.200	2123446.300	961987.820	14837.389	244348.560	138734.460	135.938
3	06:04:23	263603.560	11493.684	45009.857	2135204.400	952521.510	14385.364	242587.680	138205.940	137.501
x		267242.380	11745.974	44929.919	2125365.500	959285.390	14620.500	244476.860	139254.630	133.334
σ		3477.091	224.147	98.273	9033.503	5896.972	226.564	1956.482	1384.141	5.916
%RSD		1.301	1.908	0.219	0.425	0.615	1.550	0.800	0.994	4.437

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	06:02:07	109211.170	2633.055	37217.166	8638.549	8056.959	155491.640	5457.292	751.582	726.581
2	06:03:15	119327.540	2914.360	40792.533	8579.138	8483.768	155437.930	5329.119	790.647	689.079
3	06:04:23	126249.160	2545.539	42702.791	8447.810	7852.157	150393.740	5236.897	573.449	653.140
x		118262.620	2697.651	40237.497	8555.165	8130.962	153774.440	5341.103	705.226	689.600
σ		8568.767	192.709	2784.613	97.603	322.243	2927.890	110.685	115.782	36.723
%RSD		7.246	7.144	6.920	1.141	3.963	1.904	2.072	16.418	5.325

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	06:02:07	58050.519	28357.805	63798.391	2260.075	614.076	614.076	1104.730	153.126	41.146
2	06:03:15	58392.533	28202.811	63170.610	2454.898	728.144	728.144	1057.331	144.792	39.583
3	06:04:23	57583.007	27767.585	63933.367	2340.817	650.015	650.015	987.013	109.896	38.021
x		58008.686	28109.401	63634.123	2351.930	664.078	664.078	1049.691	135.938	39.583
σ		406.381	305.997	407.047	97.886	58.320	58.320	59.229	22.935	1.563
%RSD		0.701	1.089	0.640	4.162	8.782	8.782	5.643	16.871	3.947

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	06:02:07	681.266	1160.985	1196.925	760.958	1897.001	4.688	413979.790	218.752	368.755
2	06:03:15	595.325	970.345	1085.979	607.825	1632.906	7.813	414454.190	203.126	295.316
3	06:04:23	434.382	667.203	856.276	482.821	1203.176	1.563	411263.950	231.252	217.189
x		570.324	932.844	1046.393	617.201	1577.694	4.688	413232.650	217.710	293.753
σ		125.327	249.018	173.741	139.305	350.192	3.125	1721.358	14.092	75.795
%RSD		21.975	26.694	16.604	22.570	22.196	66.667	0.417	6.473	25.802

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	06:02:07	6.250	6.250	359.380	167.188	3473.860	3017.506	6437.388	11338.873	980022.630
2	06:03:15	10.938	10.938	303.128	175.001	3306.633	3092.522	6593.709	11152.789	970678.390
3	06:04:23	12.500	12.500	228.127	143.751	2747.139	2279.869	6162.266	10876.013	965168.540
x		9.896	9.896	296.878	161.980	3175.877	2796.633	6397.788	11122.559	971956.520
σ		3.253	3.253	65.849	16.263	380.596	449.099	218.430	232.906	7509.074
%RSD		32.868	32.868	22.181	10.040	11.984	16.059	3.414	2.094	0.773

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	06:02:07	1001703.200	12209.903	29613.474	5629.234	5069.649	11809.567	883414.250	243.752
2	06:03:15	991731.300	11560.926	27875.608	5616.729	5277.537	11961.255	880081.770	325.004
3	06:04:23	991135.780	7303.429	17793.887	4142.788	3662.970	8832.417	878371.820	214.064
x		994856.760	10358.086	25094.323	5129.584	4670.052	10867.746	880622.610	260.940
σ		5936.661	2665.237	6381.796	854.613	878.331	1764.278	2564.354	57.432
%RSD		0.597	25.731	25.431	16.660	18.808	16.234	0.291	22.010

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	06:10:03	20843.319	22.917	114.063	1256.305	1276366.600	394865.580	53147.116	61927.686	33832.202
2	06:11:12	20704.055	27.604	93.750	1237.554	1271296.100	390644.060	52565.281	62164.649	33490.774
3	06:12:20	20680.583	19.792	123.438	1207.864	1269295.000	389277.820	52215.565	61380.018	33750.759
x		20742.652	23.438	110.417	1233.908	1272319.200	391595.820	52642.654	61824.118	33691.245
σ		87.967	3.932	15.176	24.426	3645.118	2912.927	470.571	402.438	178.325
%RSD		0.424	16.777	13.744	1.980	0.286	0.744	0.894	0.651	0.529

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	06:10:03	264564.830	10732.155	44561.580	2067391.000	937105.040	15636.678	261197.460	137664.810	60.938
2	06:11:12	261681.190	10460.078	43912.700	2105930.400	939590.260	15808.742	264299.040	138351.080	81.250
3	06:12:20	262002.630	10830.667	44491.048	2115813.400	936941.700	15843.155	263590.820	136948.600	78.125
x		262749.550	10674.300	44321.776	2096378.300	937879.000	15762.859	263029.110	137654.830	73.438
σ		1580.272	191.949	356.021	25585.426	1484.244	110.622	1625.298	701.293	10.938
%RSD		0.601	1.798	0.803	1.220	0.158	0.702	0.618	0.509	14.894

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	06:10:03	129298.120	1811.052	44547.474	7838.087	3539.501	136282.910	4933.664	206.251	410.943
2	06:11:12	138232.760	1656.346	47351.784	7697.386	3275.375	135577.810	4855.512	165.626	387.505
3	06:12:20	144693.130	1784.486	48602.850	7784.933	3312.884	135912.210	4652.320	204.689	371.880
x		137408.000	1750.628	46834.036	7773.469	3375.920	135924.310	4813.832	192.189	390.110
σ		7730.575	82.724	2076.672	71.048	142.901	352.705	145.229	23.017	19.662
%RSD		5.626	4.725	4.434	0.914	4.233	0.259	3.017	11.976	5.040

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	06:10:03	71724.918	34709.302	74446.601	2190.793	696.892	696.892	876.589	53.125	34.375
2	06:11:12	71055.962	34651.349	75264.935	2302.269	800.022	800.022	858.880	47.917	43.750
3	06:12:20	70652.406	34189.300	74837.699	2402.285	773.458	773.458	847.942	45.313	33.333
x		71144.429	34516.651	74849.745	2298.449	756.791	756.791	861.137	48.785	37.153
σ		541.701	284.971	409.300	105.798	53.547	53.547	14.457	3.978	5.737
%RSD		0.761	0.826	0.547	4.603	7.076	7.076	1.679	8.154	15.442

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	06:10:03	206.251	265.627	287.503	154.688	459.382	4.688	410389.330	250.002	106.250
2	06:11:12	187.501	246.877	253.127	157.813	360.942	15.625	413259.380	178.126	57.813
3	06:12:20	171.876	210.939	245.315	123.438	318.754	6.250	413653.350	232.814	71.875
x		188.543	241.148	261.982	145.313	379.693	8.854	412434.020	220.314	78.646
σ		17.211	27.791	22.445	19.009	72.165	5.916	1781.674	37.533	24.919
%RSD		9.129	11.524	8.567	13.081	19.006	66.811	0.432	17.036	31.685

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	06:10:03	4.688	4.688	71.875	56.250	2143.911	642.202	6612.468	11643.806	961797.500
2	06:11:12	1.563	1.563	46.875	37.500	1992.326	389.068	6467.089	11812.694	961872.620
3	06:12:20	4.688	4.688	53.125	39.063	2117.344	510.947	6840.700	11585.946	968134.490
x		3.646	3.646	57.292	44.271	2084.527	514.072	6640.085	11680.815	963934.870
σ		1.804	1.804	13.010	10.404	80.946	126.596	188.331	117.817	3637.168
%RSD		49.487	49.487	22.709	23.500	3.883	24.626	2.836	1.009	0.377

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	06:10:03	990307.770	2448.647	6065.350	1265.681	1146.921	2812.777	883784.570	110.938
2	06:11:12	987650.110	1001.598	2484.591	835.962	751.582	1796.988	877248.010	100.000
3	06:12:20	996831.040	1536.020	3905.221	1051.601	1059.414	2231.424	880998.250	146.876
x		991596.310	1662.088	4151.721	1051.081	985.973	2280.396	880676.940	119.271
σ		4724.153	731.716	1803.061	214.860	207.650	509.662	3280.106	24.524
%RSD		0.476	44.024	43.429	20.442	21.060	22.350	0.372	20.561

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	06:18:00	20746.303	26.042	117.188	1336.000	1265659.900	412429.660	55921.740	65156.060	37245.364
2	06:19:08	20442.741	25.000	96.875	1401.631	1254489.300	411755.950	55659.782	65265.935	36958.684
3	06:20:16	20090.680	25.000	117.188	1281.308	1257009.500	413740.190	55524.884	64744.822	37220.299
x		20426.575	25.347	110.417	1339.646	1259052.900	412641.930	55702.135	65055.606	37141.449
σ		328.111	0.601	11.728	60.245	5858.952	1009.006	201.790	274.696	158.775
%RSD		1.606	2.373	10.621	4.497	0.465	0.245	0.362	0.422	0.427

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	06:18:00	262381.360	11342.001	44386.035	2114556.000	983454.670	17670.297	293485.590	136995.930	96.875
2	06:19:08	258031.320	11085.549	44392.304	2123931.600	981848.050	17446.584	292087.050	138698.170	115.625
3	06:20:16	261359.770	11334.182	44216.761	2141447.500	985787.180	17703.150	292169.970	138732.880	107.813
x		260590.820	11253.911	44331.700	2126645.000	983696.630	17606.677	292580.870	138142.330	106.771
σ		2274.680	145.858	99.589	13649.559	1980.682	139.614	784.607	992.963	9.418
%RSD		0.873	1.296	0.225	0.642	0.201	0.793	0.268	0.719	8.821

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	06:18:00	145236.100	1900.126	48919.554	9825.253	4639.816	172919.940	5701.137	156.251	450.007
2	06:19:08	153651.580	2050.147	52814.636	9903.432	4725.782	172089.690	5608.913	204.689	517.197
3	06:20:16	160953.190	2028.269	53868.560	9922.195	4525.717	173076.500	5743.342	171.876	487.508
x		153280.290	1992.848	51867.583	9883.626	4630.438	172695.380	5684.464	177.605	484.904
σ		7865.120	81.041	2606.885	51.416	100.362	530.350	68.748	24.722	33.671
%RSD		5.131	4.067	5.026	0.520	2.167	0.307	1.209	13.920	6.944

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	06:18:00	49059.093	24381.726	87477.954	2502.303	871.902	871.902	816.169	57.292	32.813
2	06:19:08	49024.600	23995.135	87710.624	2685.669	839.087	839.087	816.169	46.354	35.417
3	06:20:16	48695.352	23735.326	86853.851	2679.939	856.276	856.276	818.773	42.188	36.979
x		48926.349	24037.396	87347.476	2622.637	855.755	855.755	817.037	48.611	35.069
σ		200.791	325.265	443.039	104.252	16.413	16.413	1.504	7.801	2.105
%RSD		0.410	1.353	0.507	3.975	1.918	1.918	0.184	16.048	6.002

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	06:18:00	232.814	142.188	187.501	110.938	212.502	4.688	411571.050	228.127	64.063
2	06:19:08	201.564	160.938	181.251	101.563	228.127	4.688	409365.260	204.689	65.625
3	06:20:16	231.252	125.001	206.251	95.313	239.065	4.688	411453.680	235.939	73.438
x		221.877	142.709	191.668	102.605	226.564	4.688	410796.660	222.918	67.708
σ		17.609	17.975	13.011	7.864	13.350	0.000	1241.019	16.263	5.023
%RSD		7.936	12.595	6.788	7.665	5.892	0.000	0.302	7.296	7.418

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	06:18:00	6.250	6.250	42.188	23.438	670.328	270.315	6972.013	12732.234	963619.000
2	06:19:08	6.250	6.250	57.813	23.438	756.270	351.567	7092.385	12436.661	963957.950
3	06:20:16	6.250	6.250	46.875	31.250	675.016	346.879	7120.524	12575.845	962041.240
x		6.250	6.250	48.958	26.042	700.538	322.920	7061.641	12581.580	963206.060
σ		0.000	0.000	8.018	4.511	48.322	45.618	78.885	147.870	1022.901
%RSD		0.000	0.000	16.377	17.321	6.898	14.127	1.117	1.175	0.106

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	06:18:00	992388.750	832.837	2129.846	1878.249	1811.052	4124.033	864488.740	373.442
2	06:19:08	995196.190	1093.792	2654.934	2184.542	1870.435	4320.966	881204.130	401.568
3	06:20:16	997035.200	945.344	2131.409	2018.893	1765.734	4274.077	882027.700	437.507
x		994873.380	957.324	2305.397	2027.228	1815.740	4239.692	875906.860	404.172
σ		2339.985	130.889	302.710	153.317	52.508	102.871	9896.951	32.111
%RSD		0.235	13.672	13.130	7.563	2.892	2.426	1.130	7.945

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	06:25:57	19948.293	20.313	107.813	1104.730	1272908.800	379754.710	51469.113	59837.557	36346.178
2	06:27:05	20220.550	18.229	101.563	1087.541	1260606.700	379509.250	50877.939	60041.535	36332.080
3	06:28:14	20190.821	22.396	82.813	1145.358	1256542.900	378949.360	51015.930	60218.841	36455.832
x		20119.888	20.313	97.396	1112.543	1263352.800	379404.440	51120.994	60032.644	36378.030
σ		149.347	2.083	13.010	29.690	8521.513	412.774	309.274	190.798	67.746
%RSD		0.742	10.256	13.358	2.669	0.675	0.109	0.605	0.318	0.186

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	06:25:57	263546.260	10919.797	44063.163	2079193.300	944847.120	14582.439	244582.190	135801.800	92.188
2	06:27:05	262126.750	10904.160	44041.220	2104033.200	945625.880	14565.234	244302.470	135543.110	98.438
3	06:28:14	261534.800	10916.669	44400.141	2119453.300	948307.690	14496.414	245217.960	135498.940	93.750
x		262402.610	10913.542	44168.175	2100893.300	946260.230	14548.029	244700.870	135614.610	94.792
σ		1033.715	8.274	201.188	20312.869	1815.404	45.520	469.140	163.601	3.253
%RSD		0.394	0.076	0.456	0.967	0.192	0.313	0.192	0.121	3.431

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	06:25:57	151176.950	2631.492	51619.655	7863.101	3267.561	138243.800	4560.103	128.126	479.696
2	06:27:05	159826.590	2543.977	54693.561	8021.001	3067.517	136484.820	4677.328	128.126	595.325
3	06:28:14	166352.010	2645.557	55846.446	8046.015	3089.397	136794.010	4663.261	115.625	529.697
x		159118.510	2607.009	54053.221	7976.706	3141.492	137174.210	4633.564	123.959	534.906
σ		7612.271	55.039	2184.941	99.176	109.726	939.105	64.007	7.217	57.990
%RSD		4.784	2.111	4.042	1.243	3.493	0.685	1.381	5.822	10.841

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	06:25:57	61116.391	29870.258	92204.413	2675.771	870.339	870.339	803.668	41.146	36.458
2	06:27:05	60531.094	29815.456	91336.364	2803.921	848.463	848.463	800.543	39.583	38.542
3	06:28:14	61102.268	30253.877	93004.890	2930.509	946.906	946.906	839.608	39.583	34.896
x		60916.584	29979.864	92181.889	2803.400	888.569	888.569	814.607	40.104	36.632
σ		333.919	238.879	834.491	127.370	51.692	51.692	21.708	0.902	1.829
%RSD		0.548	0.797	0.905	4.543	5.817	5.817	2.665	2.249	4.993

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	06:25:57	98.438	107.813	107.813	73.438	159.376	6.250	409249.510	200.001	46.875
2	06:27:05	112.500	98.438	121.876	68.750	193.751	3.125	411829.910	232.814	54.688
3	06:28:14	110.938	93.750	118.750	81.250	129.688	6.250	410275.190	187.501	34.375
x		107.292	100.000	116.146	74.479	160.938	5.208	410451.540	206.772	45.313
σ		7.708	7.160	7.384	6.315	32.060	1.804	1299.207	23.403	10.246
%RSD		7.184	7.160	6.358	8.479	19.921	34.641	0.317	11.318	22.612

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	06:25:57	3.125	3.125	48.438	18.750	220.314	184.376	6066.913	10710.263	958297.040
2	06:27:05	1.563	1.563	17.188	14.063	240.627	190.626	5913.724	10585.170	965821.460
3	06:28:14	9.375	9.375	34.375	15.625	201.564	170.314	6102.866	10824.412	964180.020
x		4.688	4.688	33.333	16.146	220.835	181.772	6027.834	10706.615	962766.170
σ		4.134	4.134	15.651	2.387	19.537	10.404	100.444	119.663	3956.444
%RSD		88.192	88.192	46.953	14.783	8.847	5.724	1.666	1.118	0.411

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	06:25:57	993906.170	426.569	1146.921	1131.295	1031.287	2331.440	886700.980	192.189
2	06:27:05	984579.910	357.817	876.589	1157.859	995.347	2398.639	874394.880	189.064
3	06:28:14	989906.330	293.753	764.083	1075.040	990.659	2247.052	869806.800	181.251
x		989464.140	359.380	929.198	1121.398	1005.765	2325.710	876967.550	187.501
σ		4678.828	66.422	196.766	42.287	22.227	75.956	8735.978	5.634
%RSD		0.473	18.482	21.176	3.771	2.210	3.266	0.996	3.005

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	06:33:55	20341.034	24.479	82.813	1256.305	1239606.400	402240.540	53565.863	63749.737	44033.383
2	06:35:04	20126.668	16.667	96.875	1226.615	1227906.300	396895.690	53703.879	61990.457	43351.616
3	06:36:12	20284.704	22.396	73.438	1393.818	1227207.700	397857.840	53426.279	62028.120	43629.021
x		20250.802	21.181	84.375	1292.246	1231573.500	398998.030	53565.340	62589.438	43671.340
σ		111.131	4.046	11.797	89.208	6965.501	2849.013	138.801	1005.025	342.848
%RSD		0.549	19.100	13.981	6.903	0.566	0.714	0.259	1.606	0.785

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	06:33:55	259421.790	11435.825	43466.025	2162956.300	949748.860	17527.934	287928.910	136002.130	107.813
2	06:35:04	257299.550	11612.530	43984.797	2185612.200	945600.870	17268.243	287353.430	137092.160	101.563
3	06:36:12	259634.990	11623.477	43451.920	2202797.200	948207.610	17100.854	286864.050	134866.440	87.500
x		258785.440	11557.278	43634.247	2183788.600	947852.450	17299.010	287382.130	135986.910	98.959
σ		1291.229	105.323	303.667	19982.970	2096.681	215.196	533.007	1112.940	10.404
%RSD		0.499	0.911	0.696	0.915	0.221	1.244	0.185	0.818	10.513

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	06:33:55	162629.830	1853.245	55160.978	11270.069	4542.910	196522.190	6327.964	115.625	1914.191
2	06:35:04	173138.180	2039.208	58047.381	11127.770	4524.154	196040.640	6131.003	112.500	1932.943
3	06:36:12	175218.000	1857.933	60203.150	10921.361	4422.560	195649.390	6212.288	126.563	1859.496
x		170328.670	1916.796	57803.836	11106.400	4496.541	196070.740	6223.752	118.230	1902.210
σ		6747.999	106.038	2529.894	175.334	64.753	437.176	98.980	7.384	38.161
%RSD		3.962	5.532	4.377	1.579	1.440	0.223	1.590	6.246	2.006

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	06:33:55	39988.703	19410.052	64341.443	2788.293	850.025	850.025	806.794	47.396	35.938
2	06:35:04	39546.850	19949.858	64547.055	2942.491	976.596	976.596	818.253	38.021	26.563
3	06:36:12	39908.792	19640.054	63944.354	2969.579	951.594	951.594	768.771	33.333	38.021
x		39814.782	19666.655	64277.617	2900.121	926.072	926.072	797.939	39.583	33.507
σ		235.450	270.884	306.378	97.788	67.034	67.034	25.902	7.160	6.104
%RSD		0.591	1.377	0.477	3.372	7.239	7.239	3.246	18.089	18.216

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	06:33:55	200.001	64.063	81.250	70.313	120.313	4.688	408841.190	179.689	20.313
2	06:35:04	160.938	68.750	96.875	54.688	126.563	4.688	407064.970	190.626	35.938
3	06:36:12	240.627	54.688	71.875	57.813	107.813	4.688	407007.110	189.064	20.313
x		200.522	62.500	83.334	60.938	118.230	4.688	407637.760	186.460	25.521
σ		39.847	7.160	12.630	8.268	9.547	0.000	1042.606	5.916	9.021
%RSD		19.872	11.456	15.155	13.568	8.075	0.000	0.256	3.173	35.348

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	06:33:55	1.563	1.563	20.313	10.938	168.751	145.313	6609.341	11836.151	957195.490
2	06:35:04	1.563	1.563	26.563	25.000	143.751	137.501	6526.490	11695.410	957527.620
3	06:36:12	3.125	3.125	12.500	12.500	178.126	112.500	6840.700	11720.431	956724.860
x		2.083	2.083	19.792	16.146	163.543	131.771	6658.844	11750.664	957149.320
σ		0.902	0.902	7.046	7.708	17.770	17.140	162.849	75.084	403.367
%RSD		43.301	43.301	35.599	47.738	10.865	13.008	2.446	0.639	0.042

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	06:33:55	994510.170	212.502	389.068	1104.730	1006.285	2433.020	876668.710	448.445
2	06:35:04	987904.310	100.000	292.190	1139.108	1075.040	2340.817	879455.870	446.882
3	06:36:12	985260.450	79.688	248.440	1198.488	901.591	2318.938	879970.530	376.567
x		989224.980	130.730	309.899	1147.442	994.306	2364.258	878698.370	423.965
σ		4764.186	71.541	71.967	47.431	87.343	60.546	1776.476	41.055
%RSD		0.482	54.724	23.223	4.134	8.784	2.561	0.202	9.683

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	06:41:54	19682.299	19.792	71.875	1159.422	1997227.700	403540.510	55068.434	63600.637	39667.497
2	06:43:02	19877.882	22.917	87.500	1114.106	1996416.900	410979.380	54853.548	63622.609	39586.021
3	06:44:10	19564.951	21.875	70.313	1026.599	1990804.300	404988.440	54798.650	64355.569	39659.662
x		19708.378	21.528	76.563	1100.043	1994816.300	406502.770	54906.877	63859.605	39637.727
σ		158.087	1.591	9.504	67.519	3498.036	3943.869	142.580	429.658	44.949
%RSD		0.802	7.391	12.414	6.138	0.175	0.970	0.260	0.673	0.113

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	06:41:54	272317.870	11043.329	43646.261	2219188.000	969624.370	15622.600	261130.630	135820.720	64.063
2	06:43:02	272018.490	11187.191	43751.269	2233615.500	968279.790	15901.032	262866.730	135446.890	92.188
3	06:44:10	273216.020	11057.403	43901.729	2264433.700	965971.760	15894.775	261940.570	135976.890	79.688
x		272517.460	11095.974	43766.419	2239079.100	967958.640	15806.136	261979.310	135748.170	78.646
σ		623.216	79.309	128.406	23112.369	1847.361	158.977	868.695	272.348	14.091
%RSD		0.229	0.715	0.293	1.032	0.191	1.006	0.332	0.201	17.918

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	06:41:54	170196.900	1725.104	57983.058	10242.733	4621.060	174976.000	5621.418	114.063	625.014
2	06:43:02	180506.670	1881.374	60815.109	10159.862	4667.950	175664.050	5480.739	139.063	545.323
3	06:44:10	185650.080	1881.374	62569.536	10022.264	4728.908	175836.460	5532.321	107.813	607.825
x		178784.550	1829.284	60455.901	10141.620	4672.639	175492.170	5544.826	120.313	592.721
σ		7869.210	90.222	2314.243	111.361	54.077	455.257	71.169	16.536	41.938
%RSD		4.402	4.932	3.828	1.098	1.157	0.259	1.284	13.744	7.075

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	06:41:54	100384.270	48852.136	68680.324	2875.810	1015.661	1015.661	785.438	34.375	32.813
2	06:43:02	100620.300	49170.413	67914.174	3116.486	1001.598	1001.598	852.109	39.583	28.125
3	06:44:10	100162.410	49335.041	67787.010	3247.244	1115.669	1115.669	815.648	53.646	41.146
x		100388.990	49119.197	68127.169	3079.847	1044.309	1044.309	817.732	42.535	34.028
σ		228.981	245.493	483.247	188.408	62.198	62.198	33.384	9.969	6.595
%RSD		0.228	0.500	0.709	6.117	5.956	5.956	4.083	23.437	19.381

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	06:41:54	75.000	54.688	56.250	37.500	73.438	7.813	404577.030	210.939	21.875
2	06:43:02	54.688	62.500	59.375	54.688	71.875	9.375	405549.330	195.314	26.563
3	06:44:10	62.500	48.438	50.000	51.563	90.625	0.000	405475.400	215.627	18.750
x		64.063	55.208	55.208	47.917	78.646	5.729	405200.590	207.293	22.396
σ		10.246	7.046	4.774	9.155	10.404	5.023	541.283	10.636	3.932
%RSD		15.994	12.762	8.646	19.107	13.229	87.670	0.134	5.131	17.558

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	06:41:54	4.688	4.688	18.750	26.563	504.696	135.938	6642.169	11878.374	956578.000
2	06:43:02	0.000	0.000	26.563	20.313	504.696	150.001	6681.249	11859.608	969577.600
3	06:44:10	3.125	3.125	23.438	21.875	484.383	146.876	6745.342	12114.509	966272.350
x		2.604	2.604	22.917	22.917	497.925	144.272	6689.587	11950.830	964142.650
σ		2.387	2.387	3.932	3.253	11.728	7.384	52.090	142.060	6756.413
%RSD		91.652	91.652	17.159	14.193	2.355	5.118	0.779	1.189	0.701

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	06:41:54	985467.800	104.688	239.065	1176.611	1073.478	2581.483	872514.670	78.125
2	06:43:02	989115.190	114.063	253.127	1175.048	1048.476	2554.916	874998.980	82.813
3	06:44:10	986795.540	78.125	254.690	1114.106	1021.912	2579.920	871162.330	76.563
x		987126.180	98.959	248.961	1155.255	1047.955	2572.107	872892.000	79.167
σ		1846.041	18.641	8.606	35.645	25.787	14.908	1945.959	3.253
%RSD		0.187	18.837	3.457	3.085	2.461	0.580	0.223	4.109

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	06:49:50	19447.603	32045.276	5157.181	1004.723	33933773.000	24972393.000	3352032.600	3880250.900	5431775.000
2	06:50:58	19513.318	32696.750	5640.176	990.659	34532992.000	25480000.000	3442396.100	3982104.900	5554331.800
3	06:52:06	19568.080	32743.210	5293.168	1009.411	34400534.000	25381676.000	3413012.900	3946994.700	5570642.800
x		19509.667	32495.079	5363.508	1001.598	34289100.000	25278023.000	3402480.500	3936450.200	5518916.600
σ		60.321	390.233	249.062	9.758	314767.930	269210.400	46093.257	51739.213	75906.161
%RSD		0.309	1.201	4.644	0.974	0.918	1.065	1.355	1.314	1.375

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	06:49:50	62900.673	295334.040	68433.832	445379.900	19229100.000	85171.894	1398578.500	135013.120	43795.153
2	06:50:58	64752.670	298931.150	69126.217	440452.490	19539086.000	85876.091	1412206.000	136525.840	44370.361
3	06:52:06	65358.545	302265.850	69917.554	435510.640	19703149.000	85652.882	1417453.600	137092.160	43923.671
x		64337.296	298843.680	69159.201	440447.670	19490445.000	85566.956	1409412.700	136210.370	44029.728
σ		1280.502	3466.730	742.410	4934.633	240738.880	359.876	9742.650	1074.818	301.914
%RSD		1.990	1.160	1.073	1.120	1.235	0.421	0.691	0.789	0.686

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	06:49:50	733115.440	624433.340	95771.516	2495712.700	1841148.900	42617828.000	1011892.900	789256.970	169585.000
2	06:50:58	735457.920	630257.480	96834.899	2533304.300	1993023.700	43599487.000	1035091.600	800527.620	175437.860
3	06:52:06	733056.270	629857.600	95673.991	2542702.200	1884160.500	43706828.000	1033697.400	801226.130	174087.110
x		733876.540	628182.810	96093.469	2523906.400	1906111.000	43308048.000	1026894.000	797003.570	173036.660
σ		1369.832	3253.283	643.946	24864.521	78280.636	600152.180	13010.008	6717.836	3064.566
%RSD		0.187	0.518	0.670	0.985	4.107	1.386	1.267	0.843	1.771

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	06:49:50	867378.100	421543.080	331977.070	149571.640	8658.873	8658.873	27822.901	11346.171	36.979
2	06:50:58	879402.740	429987.690	341257.560	151168.000	8730.792	8730.792	27825.510	11503.588	35.938
3	06:52:06	880704.370	430741.130	343043.330	152562.920	8813.656	8813.656	28361.980	11592.201	38.542
x		875828.400	427423.970	338759.320	151100.850	8734.440	8734.440	28003.464	11480.653	37.153
σ		7347.060	5106.907	5941.082	1496.769	77.456	77.456	310.487	124.609	1.311
%RSD		0.839	1.195	1.754	0.991	0.887	0.887	1.109	1.085	3.528

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	06:49:50	157118.670	276395.050	301163.240	178223.590	459007.480	9.375	398799.180	18194.391	866621.700
2	06:50:58	161923.440	283088.280	305735.390	181626.990	465779.270	15.625	399483.530	18424.373	876871.210
3	06:52:06	160848.900	284586.360	308769.930	184217.660	473576.310	9.375	400735.050	19020.466	877477.080
x		159963.670	281356.570	305222.860	181356.080	466121.020	11.458	399672.580	18546.410	873656.660
σ		2521.741	4361.594	3829.162	3006.204	7290.423	3.608	981.684	426.345	6099.982
%RSD		1.576	1.550	1.255	1.658	1.564	31.492	0.246	2.299	0.698

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	06:49:50	13766.004	13766.004	851768.690	210587.670	590627.780	898540.270	800425.240	1425315.400	962396.850
2	06:50:58	13856.717	13856.717	858834.390	211919.650	597332.470	914926.590	807534.040	1435749.200	955498.270
3	06:52:06	14142.935	14142.935	860787.470	213959.090	597985.520	918939.450	821236.100	1441217.100	961547.080
x		13921.885	13921.885	857130.180	212155.470	595315.260	910802.100	809731.790	1434093.900	959814.070
σ		196.734	196.734	4744.769	1698.035	4072.584	10806.949	10578.073	8079.022	3761.660
%RSD		1.413	1.413	0.554	0.800	0.684	1.187	1.306	0.563	0.392

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	06:49:50	981272.980	1406402.900	3635184.300	1152820.200	1067439.000	2501390.900	852128.270	6266263.200
2	06:50:58	986247.040	1404373.300	3669778.200	1162528.700	1066438.500	2523716.700	852414.950	6310208.900
3	06:52:06	992403.810	1420884.700	3696074.600	1166854.700	1074824.000	2531371.400	858598.980	6358382.800
x		986641.270	1410553.700	3667012.400	1160734.500	1069567.100	2518826.300	854380.740	6311618.300
σ		5575.875	9004.291	30539.228	7187.259	4579.930	15577.059	3655.919	46075.987
%RSD		0.565	0.638	0.833	0.619	0.428	0.618	0.428	0.730

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	06:57:45	20341.034	25.000	103.125	715.643	235964.050	3039.386	398.443	406.256	1540.708
2	06:58:53	19851.283	27.604	93.750	725.018	237800.380	2392.388	367.192	340.629	1384.442
3	07:00:01	20427.094	25.000	81.250	800.022	236966.380	2484.591	323.441	312.503	1465.700
x		20206.470	25.868	92.709	746.895	236910.270	2638.788	363.025	353.129	1463.617
σ		310.596	1.504	10.975	46.248	919.447	349.977	37.674	48.110	78.154
%RSD		1.537	5.812	11.838	6.192	0.388	13.263	10.378	13.624	5.340

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	06:57:45	2184.542	1762.609	40512.049	424437.870	364250.920	18.750	2200.169	138183.850	14.063
2	06:58:53	2268.930	1696.976	40692.248	419298.780	359889.320	25.000	2001.703	138308.490	18.750
3	07:00:01	2218.922	1570.399	40239.405	425207.120	363523.360	14.063	2023.581	138683.970	20.313
x		2224.132	1676.661	40481.234	422981.260	362554.540	19.271	2075.151	138392.100	17.708
σ		42.435	97.702	227.989	3212.229	2336.636	5.487	108.820	260.336	3.253
%RSD		1.908	5.827	0.563	0.759	0.644	28.475	5.244	0.188	18.368

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	06:57:45	45238.703	939.093	14831.132	7325.315	617.201	107865.060	3448.854	85.938	196.876
2	06:58:53	43136.905	910.967	14616.849	7215.885	634.389	106837.070	3389.465	68.750	204.689
3	07:00:01	41550.964	1010.973	13589.273	7164.296	637.514	106966.160	3366.022	54.688	168.751
x		43308.857	953.678	14345.751	7235.165	629.701	107222.760	3401.447	69.792	190.105
σ		1849.873	51.574	663.833	82.223	10.938	559.981	42.696	15.651	18.902
%RSD		4.271	5.408	4.627	1.136	1.737	0.522	1.255	22.425	9.943

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	06:57:45	351.567	123.438	125.001	950.552	279.690	279.690	820.857	34.375	42.188
2	06:58:53	289.065	112.500	156.251	916.696	265.627	265.627	865.130	38.542	35.417
3	07:00:01	259.377	93.750	142.188	882.319	256.252	256.252	837.525	40.625	36.458
x		300.003	109.896	141.147	916.522	267.190	267.190	841.171	37.847	38.021
σ		47.058	15.014	15.651	34.117	11.797	11.797	22.361	3.182	3.646
%RSD		15.686	13.662	11.089	3.722	4.415	4.415	2.658	8.408	9.589

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	06:57:45	473.445	634.389	823.461	459.382	1154.734	0.000	416760.480	175.001	62.500
2	06:58:53	328.129	518.759	495.321	314.066	846.900	4.688	412291.380	215.627	68.750
3	07:00:01	256.252	353.129	426.569	235.939	665.641	4.688	420093.500	204.689	46.875
x		352.609	502.093	581.784	336.463	889.092	3.125	416381.780	198.439	59.375
σ		110.647	141.369	212.103	113.393	247.261	2.706	3914.820	21.022	11.267
%RSD		31.379	28.156	36.457	33.701	27.811	86.603	0.940	10.593	18.977

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	06:57:45	1.563	1.563	75.000	14.063	451.570	1525.081	25.000	84.375	976773.530
2	06:58:53	0.000	0.000	64.063	7.813	354.692	1160.985	7.813	20.313	976720.050
3	07:00:01	0.000	0.000	65.625	7.813	332.816	932.843	7.813	14.063	974178.450
x		0.521	0.521	68.229	9.896	379.693	1206.303	13.542	39.583	975890.680
σ		0.902	0.902	5.916	3.608	63.201	298.709	9.923	38.917	1483.076
%RSD		173.205	173.205	8.670	36.464	16.645	24.762	73.279	98.315	0.152

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	06:57:45	998161.480	304.691	642.202	78.125	81.250	212.502	885460.270	500.009
2	06:58:53	997989.100	226.564	554.698	82.813	64.063	164.063	893198.530	248.440
3	07:00:01	1007474.500	203.126	445.319	73.438	82.813	159.376	888544.790	209.377
x		1001208.400	244.794	547.407	78.125	76.042	178.647	889067.860	319.275
σ		5427.345	53.180	98.644	4.688	10.404	29.412	3895.559	157.734
%RSD		0.542	21.724	18.020	6.000	13.682	16.464	0.438	49.404

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	07:05:40	19575.903	17.188	103.125	1092.229	1233441.500	365723.780	48996.379	58197.992	40911.623
2	07:06:48	19682.299	16.146	107.813	1037.538	1218486.200	363734.900	48825.483	56568.027	40065.480
3	07:07:57	19790.261	25.000	101.563	1093.792	1202958.800	360445.260	48485.264	57065.311	39643.994
x		19682.821	19.444	104.167	1074.520	1218295.500	363301.310	48769.042	57277.110	40207.032
σ		107.180	4.839	3.253	32.037	15242.259	2665.837	260.190	835.369	645.561
%RSD		0.545	24.888	3.123	2.982	1.251	0.734	0.534	1.458	1.606

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	07:05:40	253997.490	11259.123	43078.917	1986385.500	913252.520	14354.083	238157.820	133169.380	84.375
2	07:06:48	252718.870	10996.418	43936.210	2006901.600	904760.330	13758.184	235239.750	132672.600	87.500
3	07:07:57	246902.860	11008.928	43014.662	2010078.300	904336.270	13898.946	232868.570	135218.170	84.375
x		251206.400	11088.156	43343.263	2001121.800	907449.710	14003.738	235422.050	133686.720	85.417
σ		3781.418	148.193	514.511	12860.462	5029.856	311.464	2649.336	1349.341	1.804
%RSD		1.505	1.337	1.187	0.643	0.554	2.224	1.125	1.009	2.112

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	07:05:40	130540.590	1589.151	43834.335	8036.635	3725.486	141536.750	4889.899	159.376	434.382
2	07:06:48	144540.030	1678.224	48874.086	8310.229	3619.208	141467.320	4583.548	123.438	407.818
3	07:07:57	151259.060	1665.722	51119.423	8236.749	3694.228	141770.300	4661.698	168.751	434.382
x		142113.230	1644.366	47942.615	8194.538	3679.641	141591.450	4711.715	150.522	425.527
σ		10570.277	48.224	3730.798	141.597	54.620	158.726	159.183	23.919	15.336
%RSD		7.438	2.933	7.782	1.728	1.484	0.112	3.378	15.891	3.604

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	07:05:40	201365.500	98268.073	58609.042	2180.375	671.891	671.891	743.249	41.146	40.625
2	07:06:48	201341.730	97494.047	57557.906	2317.375	684.391	684.391	820.336	45.833	38.021
3	07:07:57	199142.480	97818.126	57871.670	2498.135	785.959	785.959	773.458	43.750	34.375
x		200616.570	97860.082	58012.873	2331.962	714.080	714.080	779.014	43.576	37.674
σ		1276.658	388.715	539.607	159.382	62.562	62.562	38.843	2.349	3.139
%RSD		0.636	0.397	0.930	6.835	8.761	8.761	4.986	5.390	8.333

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	07:05:40	129.688	204.689	229.689	128.126	318.754	1.563	402158.600	146.876	159.376
2	07:06:48	123.438	173.439	167.188	117.188	278.128	4.688	401217.040	229.689	112.500
3	07:07:57	123.438	156.251	165.626	101.563	237.502	7.813	404262.040	196.876	121.876
x		125.521	178.126	187.501	115.625	278.128	4.688	402545.890	191.147	131.251
σ		3.608	24.557	36.544	13.350	40.626	3.125	1559.008	41.703	24.804
%RSD		2.875	13.786	19.490	11.546	14.607	66.667	0.387	21.817	18.898

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	07:05:40	3.125	3.125	173.439	50.000	365.630	548.448	5783.983	10217.715	955368.110
2	07:06:48	4.688	4.688	117.188	37.500	320.316	482.821	5632.360	10463.205	947493.760
3	07:07:57	6.250	6.250	142.188	23.438	289.065	496.884	5888.713	10213.024	954033.180
x		4.688	4.688	144.272	36.979	325.004	509.384	5768.352	10297.982	952298.350
σ		1.563	1.563	28.183	13.289	38.497	34.553	128.890	143.107	4214.094
%RSD		33.333	33.333	19.535	35.936	11.845	6.783	2.234	1.390	0.443

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	07:05:40	986862.430	1201.613	2647.120	567.199	539.073	1154.734	874235.560	667.203
2	07:06:48	977908.290	670.328	1612.591	495.321	423.444	1143.796	860701.250	639.077
3	07:07:57	982867.840	550.011	1364.128	556.261	500.009	1071.915	872391.880	700.017
x		982546.190	807.317	1874.613	539.594	487.508	1123.482	869109.560	668.766
σ		4485.726	346.729	680.448	38.729	58.819	44.992	7339.931	30.500
%RSD		0.457	42.948	36.298	7.177	12.065	4.005	0.845	4.561

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	07:13:36	19541.481	27.083	96.875	1098.480	1195067.100	358018.180	48505.646	55757.035	40197.099
2	07:14:44	19453.862	26.042	103.125	1081.291	1193603.600	357324.570	48099.589	55965.661	39761.507
3	07:15:52	19392.841	18.750	96.875	1081.291	1191706.100	359544.870	47844.045	56235.468	40085.849
x		19462.728	23.958	98.959	1087.021	1193459.000	358295.870	48149.760	55986.055	40014.818
σ		74.716	4.541	3.608	9.924	1685.153	1135.901	333.641	239.867	226.316
%RSD		0.384	18.952	3.646	0.913	0.141	0.317	0.693	0.428	0.566

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	07:13:36	245939.580	10541.388	43429.978	2046897.000	903631.180	13930.226	229573.690	133823.890	59.375
2	07:14:44	247045.920	11052.712	43174.518	2087951.200	905428.890	13941.174	230351.690	133333.400	75.000
3	07:15:52	244858.750	10861.940	43340.645	2098716.700	901692.370	13786.336	229283.140	133574.700	73.438
x		245948.080	10818.680	43315.047	2077855.000	903584.150	13885.912	229736.170	133577.330	69.271
σ		1093.612	258.392	129.640	27345.395	1868.701	86.409	552.493	245.257	8.606
%RSD		0.445	2.388	0.299	1.316	0.207	0.622	0.240	0.184	12.423

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	07:13:36	154245.420	1718.853	52483.732	8250.819	3636.400	144101.260	4614.808	148.438	339.067
2	07:14:44	165017.920	1786.049	55871.544	7953.776	3575.447	141904.430	4513.213	128.126	400.006
3	07:15:52	170421.430	1787.612	57694.393	8075.720	3520.746	143324.760	4683.580	110.938	387.505
x		163228.260	1764.172	55349.890	8093.438	3577.531	143110.150	4603.867	129.167	375.526
σ		8235.167	39.254	2644.208	149.312	57.855	1114.026	85.709	18.772	32.187
%RSD		5.045	2.225	4.777	1.845	1.617	0.778	1.862	14.533	8.571

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	07:13:36	199427.660	97715.867	57912.460	2634.097	809.398	809.398	814.086	44.271	36.979
2	07:14:44	198313.880	96581.630	57010.405	2767.456	809.398	809.398	789.084	35.938	43.229
3	07:15:52	197402.960	97339.876	57095.117	2894.564	843.775	843.775	790.647	39.063	40.104
x		198381.500	97212.458	57339.327	2765.372	820.857	820.857	797.939	39.757	40.104
σ		1014.045	577.754	498.151	130.246	19.848	19.848	14.005	4.210	3.125
%RSD		0.511	0.594	0.869	4.710	2.418	2.418	1.755	10.589	7.792

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	07:13:36	87.500	100.000	104.688	57.813	175.001	7.813	400338.210	176.564	70.313
2	07:14:44	92.188	79.688	85.938	75.000	162.501	4.688	398092.370	218.752	64.063
3	07:15:52	76.563	89.063	68.750	79.688	114.063	3.125	399975.130	182.814	59.375
x		85.417	89.584	86.459	70.834	150.522	5.208	399468.570	192.710	64.583
σ		8.018	10.166	17.975	11.517	32.187	2.387	1205.572	22.769	5.487
%RSD		9.387	11.348	20.790	16.260	21.384	45.826	0.302	11.815	8.497

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	07:13:36	1.563	1.563	54.688	25.000	193.751	304.691	5580.777	9906.559	947975.770
2	07:14:44	3.125	3.125	68.750	12.500	192.189	318.754	5335.371	9823.689	952439.760
3	07:15:52	1.563	1.563	64.063	18.750	210.939	295.316	5480.739	10108.262	952199.510
x		2.083	2.083	62.500	18.750	198.960	306.253	5465.629	9946.170	950871.680
σ		0.902	0.902	7.160	6.250	10.404	11.797	123.399	146.364	2510.806
%RSD		43.301	43.301	11.456	33.333	5.229	3.852	2.258	1.472	0.264

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	07:13:36	968082.710	310.941	770.333	531.260	479.696	1034.412	872698.860	348.442
2	07:14:44	983539.940	276.565	617.201	526.572	465.633	1051.601	873802.410	357.817
3	07:15:52	973586.970	234.377	565.636	526.572	425.006	1057.852	868771.570	335.941
x		975069.870	273.961	651.057	528.135	456.778	1047.955	871757.610	347.400
σ		7834.586	38.348	106.465	2.706	28.399	12.138	2644.204	10.975
%RSD		0.803	13.998	16.353	0.512	6.217	1.158	0.303	3.159

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	07:21:31	19145.633	29.167	35.938	820.336	425580.490	73989.548	9654.824	11409.242	9248.305
2	07:22:40	19676.041	17.708	40.625	857.838	426589.620	73633.026	10078.554	11470.228	9167.003
3	07:23:48	19277.060	21.354	53.125	810.961	426906.700	73468.118	9808.053	11535.906	9015.344
x		19366.245	22.743	43.229	829.712	426358.940	73696.897	9847.144	11471.792	9143.551
σ		276.222	5.854	8.885	24.805	692.542	266.519	214.553	63.347	118.238
%RSD		1.426	25.740	20.553	2.990	0.162	0.362	2.179	0.552	1.293

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	07:21:31	51081.789	3316.010	40888.118	701393.280	475070.010	2870.601	48496.239	134120.400	20.313
2	07:22:40	51734.130	3431.662	40642.105	698867.650	472337.870	2779.958	48839.593	133562.080	26.563
3	07:23:48	50746.221	3494.177	40632.704	696644.150	471025.260	2883.103	48127.809	133948.480	28.125
x		51187.380	3413.950	40720.976	698968.360	472811.050	2844.554	48487.880	133876.990	25.000
σ		502.348	90.395	144.826	2376.162	2063.471	56.290	355.966	285.944	4.134
%RSD		0.981	2.648	0.356	0.340	0.436	1.979	0.734	0.214	16.536

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	07:21:31	77316.472	1200.050	25954.806	7353.455	6370.170	118553.960	3370.710	57.813	237.502
2	07:22:40	75502.119	1193.800	25439.819	7511.349	6254.494	119746.650	3492.614	62.500	228.127
3	07:23:48	73995.831	1282.870	24639.981	7367.524	6521.801	119020.310	3442.602	67.188	234.377
x		75604.807	1225.574	25344.869	7410.776	6382.155	119106.970	3435.309	62.500	233.335
σ		1662.701	49.719	662.535	87.383	134.056	601.053	61.279	4.688	4.774
%RSD		2.199	4.057	2.614	1.179	2.100	0.505	1.784	7.500	2.046

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	07:21:31	41008.776	19865.365	11492.121	1515.185	498.446	498.446	816.169	31.250	32.292
2	07:22:40	40779.997	19646.312	11696.974	1487.577	439.069	439.069	797.939	35.417	44.792
3	07:23:48	41002.508	19641.618	11526.523	1446.948	412.506	412.506	781.271	31.250	32.813
x		40930.427	19717.765	11571.873	1483.237	450.007	450.007	798.460	32.639	36.632
σ		130.314	127.847	109.698	34.325	44.002	44.002	17.455	2.406	7.071
%RSD		0.318	0.648	0.948	2.314	9.778	9.778	2.186	7.370	19.304

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	07:21:31	70.313	51.563	57.813	40.625	82.813	7.813	407193.560	204.689	764.083
2	07:22:40	64.063	60.938	84.375	34.375	79.688	4.688	405560.580	214.064	735.956
3	07:23:48	75.000	48.438	59.375	53.125	95.313	1.563	411934.420	196.876	732.831
x		69.792	53.646	67.188	42.708	85.938	4.688	408229.520	205.210	744.290
σ		5.487	6.505	14.905	9.547	8.268	3.125	3310.797	8.606	17.212
%RSD		7.862	12.126	22.185	22.354	9.621	66.667	0.811	4.194	2.313

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	07:21:31	0.000	0.000	787.522	10.938	112.500	185.939	1201.613	1945.445	964291.890
2	07:22:40	4.688	4.688	746.895	3.125	93.750	196.876	1190.675	2018.893	967359.540
3	07:23:48	0.000	0.000	729.706	7.813	92.188	178.126	1129.732	2020.455	967887.300
x		1.563	1.563	754.707	7.292	99.480	186.980	1174.007	1994.931	966512.910
σ		2.706	2.706	29.689	3.932	11.303	9.418	38.731	42.863	1941.475
%RSD		173.205	173.205	3.934	53.927	11.363	5.037	3.299	2.149	0.201

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	07:21:31	990548.640	90.625	270.315	231.252	153.126	414.069	877931.910	79.688
2	07:22:40	993807.460	101.563	234.377	190.626	157.813	442.194	891254.450	71.875
3	07:23:48	1003655.200	90.625	201.564	189.064	182.814	435.944	887393.620	60.938
x		996003.770	94.271	235.419	203.647	164.584	430.736	885526.660	70.834
σ		6823.723	6.315	34.387	23.919	15.960	14.769	6854.682	9.418
%RSD		0.685	6.699	14.607	11.745	9.697	3.429	0.774	13.296

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	07:29:27	21148.455	11608.360	2798.712	1035.975	3164421.600	1162980.600	157809.030	183394.670	991776.470
2	07:30:35	20833.931	11505.152	3128.468	985.972	3150034.300	1166545.000	157606.810	183249.070	991898.590
3	07:31:43	20763.516	11643.806	2951.867	992.222	3164151.300	1177429.600	158338.270	183443.730	999219.220
x		20915.301	11585.773	2959.682	1004.723	3159535.700	1168985.000	157918.040	183362.490	994298.090
σ		204.964	72.034	165.017	27.245	8229.557	7527.219	377.718	101.242	4262.257
%RSD		0.980	0.622	5.575	2.712	0.260	0.644	0.239	0.055	0.429

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	07:29:27	344398.800	163369.450	42133.918	1911799.600	7683761.400	15802.485	259191.100	133055.830	16082.485
2	07:30:35	340321.570	164921.510	41688.865	1949213.900	7688706.600	15926.060	259983.430	129263.430	15782.150
3	07:31:43	338075.420	163952.640	41610.512	1951618.500	7687098.600	15552.211	262546.860	129176.720	15840.027
x		340931.930	164081.200	41811.098	1937544.000	7686522.200	15760.252	260573.800	130498.660	15901.554
σ		3205.572	783.974	282.301	22327.685	2522.505	190.469	1754.049	2214.996	159.341
%RSD		0.940	0.478	0.675	1.152	0.033	1.209	0.673	1.697	1.002

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	07:29:27	492033.050	441841.270	101290.640	272801.970	337505.940	4710849.700	111546.300	278704.910	154115.910
2	07:30:35	503939.040	446857.810	105423.500	275229.120	339793.590	4734929.300	112176.200	281352.940	155493.220
3	07:31:43	510051.910	446425.860	107282.580	276114.710	340244.770	4744627.300	112362.030	284272.390	155437.930
x		502008.000	445041.650	104665.570	274715.270	339181.430	4730135.400	112028.170	281443.410	155015.690
σ		9163.322	2780.007	3067.031	1715.107	1468.453	17391.582	427.537	2784.841	779.718
%RSD		1.825	0.625	2.930	0.624	0.433	0.368	0.382	0.989	0.503

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	07:29:27	436344.900	216152.680	118045.080	210364.100	30183.415	30183.415	97323.095	40831.185	37.500
2	07:30:35	436596.150	212054.440	118089.190	211348.790	30576.437	30576.437	97197.767	41521.713	44.271
3	07:31:43	440099.670	215446.820	118325.510	212740.040	30743.984	30743.984	97377.632	41340.459	29.688
x		437680.240	214551.310	118153.260	211484.310	30501.279	30501.279	97299.498	41231.119	37.153
σ		2099.050	2190.968	150.794	1193.755	287.743	287.743	92.225	358.013	7.298
%RSD		0.480	1.021	0.128	0.564	0.943	0.943	0.095	0.868	19.643

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	07:29:27	110740.060	193143.770	208309.320	123550.720	321384.240	9.375	399559.030	6868.838	118987.220
2	07:30:35	110979.410	196514.270	211665.930	125139.460	323535.100	7.813	392488.910	6836.010	118843.850
3	07:31:43	110258.230	197550.280	212994.840	126368.960	324711.340	4.688	388630.880	7028.291	118842.270
x		110659.230	195736.110	210990.030	125019.710	323210.230	7.292	393559.610	6911.047	118891.120
σ		367.320	2304.019	2414.780	1412.931	1687.177	2.387	5542.197	102.855	83.235
%RSD		0.332	1.177	1.144	1.130	0.522	32.733	1.408	1.488	0.070

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	07:29:27	5152.492	5152.492	113705.410	76972.434	752473.080	1294495.500	64098.166	113562.090	948234.300
2	07:30:35	5099.347	5099.347	116784.790	77321.185	752135.680	1296368.600	63311.859	113973.150	941810.820
3	07:31:43	5072.776	5072.776	116253.920	77838.043	756155.390	1309956.300	63950.632	113302.220	937403.380
x		5108.205	5108.205	115581.370	77377.221	753588.050	1300273.500	63786.885	113612.490	942482.830
σ		40.589	40.589	1646.173	435.516	2229.772	8437.683	417.947	338.293	5446.645
%RSD		0.795	0.795	1.424	0.563	0.296	0.649	0.655	0.298	0.578

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	07:29:27	985431.010	5493447.300	13423028.000	2243340.500	1887431.100	4989572.400	874711.860	337.504
2	07:30:35	969078.170	5512339.800	13423064.000	2233906.900	1901672.200	5004748.400	858983.600	306.253
3	07:31:43	968087.720	5573252.600	13434293.000	2252436.100	1896053.000	5018917.400	856369.380	268.753
x		974198.970	5526346.600	13426795.000	2243227.800	1895052.100	5004412.700	863354.950	304.170
σ		9739.832	41705.651	6493.497	9265.107	7173.128	14675.349	9921.854	34.423
%RSD		1.000	0.755	0.048	0.413	0.379	0.293	1.149	11.317

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	07:37:24	20888.698	11405.072	2962.807	1087.541	3145088.500	1175759.500	157589.440	185105.590	999087.000
2	07:38:32	20173.609	11423.837	3042.512	1010.973	3121683.300	1176909.600	158181.870	184314.200	992042.460
3	07:39:40	20275.315	11529.651	2911.234	1007.848	3143989.400	1181446.500	159757.060	186044.220	998223.400
x		20445.874	11452.853	2972.184	1035.454	3136920.400	1178038.500	158509.460	185154.670	996450.950
σ		386.854	67.167	66.139	45.136	13207.122	3006.879	1120.329	866.055	3842.208
%RSD		1.892	0.586	2.225	4.359	0.421	0.255	0.707	0.468	0.386

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	07:37:24	342968.120	165430.460	41825.200	2006438.400	7710139.700	15250.323	254592.320	128618.590	15980.809
2	07:38:32	341028.760	163939.990	41641.853	2020865.800	7672989.800	15156.473	255780.450	128378.950	16141.927
3	07:39:40	344594.050	165779.790	41735.877	2038425.800	7700491.500	15289.427	255863.160	127346.330	16008.965
x		342863.640	165050.080	41734.310	2021910.000	7694540.300	15232.075	255411.970	128114.620	16043.900
σ		1784.940	977.104	91.684	16019.271	19276.703	68.330	711.048	676.064	86.053
%RSD		0.521	0.592	0.220	0.792	0.251	0.449	0.278	0.528	0.536

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	07:37:24	510775.520	445445.980	106649.740	276337.710	340625.560	4778000.300	113629.810	282893.860	155477.420
2	07:38:32	520031.900	440765.030	110705.420	274369.060	339588.810	4741770.600	112284.860	281438.990	155488.480
3	07:39:40	525778.810	445811.810	112062.820	275039.580	340985.560	4778037.100	113513.260	284713.860	155738.050
x		518862.080	444007.610	109805.990	275248.780	340399.980	4765936.000	113142.640	283015.570	155567.980
σ		7569.744	2814.104	2816.394	1000.862	725.184	20927.844	745.144	1640.828	147.386
%RSD		1.459	0.634	2.565	0.364	0.213	0.439	0.659	0.580	0.095

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	07:37:24	439946.630	217593.050	118776.100	213168.760	31063.424	31063.424	97134.841	41174.355	44.792
2	07:38:32	440774.700	217903.980	118815.490	213593.260	30920.927	30920.927	96633.018	41003.030	39.583
3	07:39:40	442282.750	217431.240	120006.630	213990.810	30758.076	30758.076	97565.889	41344.638	41.667
x		441001.360	217642.760	119199.410	213584.270	30914.143	30914.143	97111.249	41174.008	42.014
σ		1184.440	240.261	699.355	411.098	152.787	152.787	466.883	170.804	2.621
%RSD		0.269	0.110	0.587	0.192	0.494	0.494	0.481	0.415	6.240

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	07:37:24	111544.720	194708.540	210806.490	124841.550	321542.430	6.250	387792.940	6976.703	119538.670
2	07:38:32	110729.040	196778.810	210855.640	124151.200	321202.080	12.500	382625.100	6848.516	120473.040
3	07:39:40	112513.210	199479.950	212931.400	126397.330	325716.660	3.125	382426.130	6735.963	119047.090
x		111595.660	196989.100	211531.180	125130.030	322820.390	7.292	384281.390	6853.727	119686.270
σ		893.176	2392.643	1212.881	1150.517	2514.007	4.774	3042.714	120.455	724.338
%RSD		0.800	1.215	0.573	0.919	0.779	65.465	0.792	1.758	0.605

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	07:37:24	5089.969	5089.969	115081.990	77533.267	753498.500	1308821.500	63435.844	113095.910	941462.370
2	07:38:32	5311.925	5311.925	115732.520	77948.015	751620.540	1302486.100	63429.566	112588.800	933253.850
3	07:39:40	5197.820	5197.820	115849.090	78292.076	758529.540	1300238.300	63566.109	113273.870	922147.530
x		5199.905	5199.905	115554.530	77924.453	754549.530	1303848.600	63477.173	112986.190	932287.920
σ		110.993	110.993	413.366	379.953	3572.406	4450.863	77.084	355.469	9693.582
%RSD		2.135	2.135	0.358	0.488	0.473	0.341	0.121	0.315	1.040

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	07:37:24	969798.080	5583885.100	13453660.000	2267441.100	1904354.500	5022627.400	858221.000	331.254
2	07:38:32	957499.250	5576697.200	13506075.000	2254425.700	1899390.200	5008264.200	855756.090	245.315
3	07:39:40	950728.070	5587979.900	13547296.000	2259719.400	1909973.200	5032574.000	848073.930	217.189
x		959341.800	5582854.000	13502344.000	2260528.800	1904572.600	5021155.200	854017.010	264.586
σ		9667.604	5711.600	46929.566	6545.346	5294.897	12221.606	5292.361	59.424
%RSD		1.008	0.102	0.348	0.290	0.278	0.243	0.620	22.459

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	07:45:20	20611.734	11916.426	3067.517	973.471	3181754.700	1195153.600	161017.980	187844.110	1024034.200
2	07:46:28	20341.034	11892.969	3006.566	1023.474	3134782.300	1177012.900	157595.760	186010.980	1028682.200
3	07:47:36	20225.244	11900.788	3022.195	1076.603	3162682.800	1189137.600	159090.310	187375.520	1031880.700
x		20392.671	11903.395	3032.093	1024.516	3159739.900	1187101.400	159234.680	187076.870	1028199.100
σ		198.351	11.944	31.658	51.574	23624.098	9240.195	1715.672	952.356	3945.490
%RSD		0.973	0.100	1.044	5.034	0.748	0.778	1.077	0.509	0.384

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	07:45:20	331722.820	168394.480	40994.673	1893401.300	7931552.200	14870.235	245682.080	128079.400	16365.619
2	07:46:28	328483.630	169107.520	40722.020	1913211.500	7895966.300	14640.311	243045.360	127667.930	16583.057
3	07:47:36	332749.410	170200.070	40979.003	1920248.700	7957534.000	14838.953	244308.830	125762.080	16339.026
x		330985.290	169234.020	40898.565	1908953.800	7928350.900	14783.166	244345.420	127169.800	16429.234
σ		2226.478	909.415	153.093	13920.896	30908.464	124.701	1318.740	1236.366	133.877
%RSD		0.673	0.537	0.374	0.729	0.390	0.844	0.540	0.972	0.815

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	07:45:20	522265.910	462021.080	107773.750	285456.590	350686.520	4936184.900	116050.720	296691.430	161904.470
2	07:46:28	529991.190	465993.920	110581.020	286650.460	349855.580	4958045.300	116138.930	293576.500	158584.740
3	07:47:36	536025.830	467004.240	112922.670	286578.730	352859.360	4967951.700	116929.710	295973.640	162021.410
x		529427.640	465006.410	110425.820	286228.590	351133.820	4954060.600	116373.120	295413.850	160836.870
σ		6897.246	2634.266	2577.965	669.532	1551.046	16253.974	484.039	1631.172	1951.286
%RSD		1.303	0.567	2.335	0.234	0.442	0.328	0.416	0.552	1.213

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	07:45:20	439352.180	215773.570	119584.370	221738.350	31569.218	31569.218	100114.160	42584.731	47.917
2	07:46:28	437064.850	215007.470	119181.020	221637.320	32117.313	32117.313	100850.560	42506.373	45.833
3	07:47:36	437683.360	215407.170	120578.610	221640.500	31478.393	31478.393	101841.930	42801.523	43.229
x		438033.470	215396.070	119781.330	221672.060	31721.641	31721.641	100935.550	42630.876	45.660
σ		1183.174	383.175	719.314	57.435	345.658	345.658	867.016	152.890	2.349
%RSD		0.270	0.178	0.601	0.026	1.090	1.090	0.859	0.359	5.144

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	07:45:20	117370.810	208794.450	224474.870	132666.290	341276.760	12.500	383703.460	7345.638	126028.470
2	07:46:28	117511.020	206719.280	224657.390	132283.070	340313.570	0.000	382769.520	7143.973	124819.490
3	07:47:36	118850.150	210804.900	225538.290	133860.160	349557.790	15.625	382515.990	7219.011	125725.820
x		117910.660	208772.880	224890.180	132936.510	343716.040	9.375	382996.320	7236.208	125524.590
σ		816.639	2042.895	568.652	822.536	5081.977	8.268	625.378	101.926	629.110
%RSD		0.693	0.979	0.253	0.619	1.479	88.192	0.163	1.409	0.501

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	07:45:20	5358.817	5358.817	121111.210	80834.301	787871.030	1351438.000	65874.971	118427.920	936925.040
2	07:46:28	5285.353	5285.353	120766.120	79713.970	787277.090	1345774.900	65931.481	117323.550	927951.160
3	07:47:36	5372.885	5372.885	122705.980	80774.590	792793.390	1354351.700	66341.183	116531.160	920194.630
x		5339.018	5339.018	121527.770	80440.954	789313.830	1350521.500	66049.212	117427.540	928356.940
σ		47.005	47.005	1034.848	630.294	3027.980	4361.237	254.429	952.643	8372.581
%RSD		0.880	0.880	0.852	0.784	0.384	0.323	0.385	0.811	0.902

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	07:45:20	960403.560	5875496.700	14141949.000	2255617.100	2098486.600	5261556.400	855376.530	303.128
2	07:46:28	963687.460	5860101.500	14199517.000	2244063.800	2092855.900	5248447.400	850166.410	259.377
3	07:47:36	948007.460	5840734.600	14196177.000	2263244.000	2098758.500	5273216.600	847595.170	281.253
x		957366.160	5858777.600	14179214.000	2254308.300	2096700.300	5261073.500	851046.040	281.253
σ		8269.516	17418.833	32315.647	9656.830	3332.186	12391.648	3964.556	21.875
%RSD		0.864	0.297	0.228	0.428	0.159	0.236	0.466	7.778

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	07:53:17	18731.022	28.125	156.251	1021.912	1234796.700	347913.700	46154.124	54859.822	36615.615
2	07:54:25	18424.373	36.979	135.938	1098.480	1239734.000	350066.910	46745.104	54425.352	36955.551
3	07:55:34	18910.946	28.646	129.688	1007.848	1249698.600	350315.070	47215.397	55272.345	37129.438
x		18688.780	31.250	140.626	1042.746	1241409.800	349431.890	46704.875	54852.506	36900.201
σ		246.021	4.968	13.888	48.776	7590.970	1320.639	531.779	423.544	261.345
%RSD		1.316	15.899	9.876	4.678	0.611	0.378	1.139	0.772	0.708

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	07:53:17	240447.260	10441.314	41632.451	1984510.400	897230.420	13348.421	225782.740	128058.910	82.813
2	07:54:25	244591.730	10741.537	41869.078	2013100.600	903060.820	14060.041	225001.810	129687.560	103.125
3	07:55:34	243507.820	10564.843	42447.344	2040168.600	907007.250	13820.745	226704.980	129127.840	109.375
x		242848.940	10582.565	41982.958	2012593.200	902432.830	13743.069	225829.840	128958.100	98.438
σ		2149.363	150.894	419.212	27832.553	4918.577	362.113	852.563	827.489	13.888
%RSD		0.885	1.426	0.999	1.383	0.545	2.635	0.378	0.642	14.108

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	07:53:17	164747.640	2120.470	55631.547	7945.959	3647.341	132423.430	4391.300	410.943	568.761
2	07:54:25	175138.910	2167.352	58904.002	7886.551	3798.943	135248.140	4536.658	468.758	607.825
3	07:55:34	180764.590	2232.987	61017.532	8125.748	3919.288	136027.360	4292.832	395.318	598.450
x		173550.380	2173.603	58517.694	7986.086	3788.524	134566.310	4406.930	425.006	591.679
σ		8125.776	56.518	2713.694	124.545	136.273	1896.249	122.662	38.687	20.393
%RSD		4.682	2.600	4.637	1.560	3.597	1.409	2.783	9.103	3.447

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	07:53:17	86556.743	42986.452	60192.167	3163.892	917.217	917.217	890.132	100.521	39.063
2	07:54:25	87977.885	42578.985	60079.193	3221.197	1006.285	1006.285	871.381	97.396	40.625
3	07:55:34	88251.439	42992.721	60505.988	3342.058	1071.915	1071.915	944.302	99.480	35.417
x		87595.356	42852.719	60259.116	3242.382	998.473	998.473	901.938	99.132	38.368
σ		909.805	237.082	221.134	90.953	77.645	77.645	37.867	1.591	2.673
%RSD		1.039	0.553	0.367	2.805	7.776	7.776	4.198	1.605	6.966

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	07:53:17	629.701	1096.917	1134.420	754.707	1753.233	10.938	388971.200	176.564	176.564
2	07:54:25	487.508	867.214	909.404	614.076	1479.764	9.375	394168.600	214.064	176.564
3	07:55:34	437.507	717.206	775.021	490.633	1309.435	6.250	394521.900	196.876	151.563
x		518.239	893.779	939.615	619.806	1514.144	8.854	392553.900	195.835	168.230
σ		99.714	191.245	181.594	132.130	223.887	2.387	3107.733	18.772	14.434
%RSD		19.241	21.397	19.326	21.318	14.786	26.956	0.792	9.586	8.580

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	07:53:17	1.563	1.563	184.376	112.500	1248.492	1792.300	5918.413	10389.714	939510.250
2	07:54:25	4.688	4.688	189.064	96.875	1285.995	1998.577	5929.355	10374.078	944581.980
3	07:55:34	12.500	12.500	137.501	100.000	1184.424	1967.323	6005.950	10653.971	943684.880
x		6.250	6.250	170.314	103.125	1239.637	1919.400	5951.239	10472.588	942592.370
σ		5.634	5.634	28.513	8.268	51.361	111.176	47.695	157.277	2706.620
%RSD		90.139	90.139	16.742	8.017	4.143	5.792	0.801	1.502	0.287

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	07:53:17	976414.240	7337.822	17302.660	2914.360	2472.089	5904.345	863603.130	192.189
2	07:54:25	977315.000	7187.745	17700.021	3087.834	2783.084	6668.744	869425.210	201.564
3	07:55:34	980714.650	6818.815	16304.612	2970.621	2731.511	6420.192	876350.020	215.627
x		978147.960	7114.794	17102.431	2990.938	2662.228	6331.094	869792.790	203.126
σ		2267.988	267.083	718.930	88.504	166.672	389.911	6381.386	11.797
%RSD		0.232	3.754	4.204	2.959	6.261	6.159	0.734	5.808

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	08:01:15	18945.367	22.396	110.938	993.785	1276492.800	363720.470	48834.890	56914.712	46509.963
2	08:02:23	18598.036	21.875	104.688	1042.226	1277897.900	361763.910	48629.503	56568.027	46704.346
3	08:03:31	18813.943	21.875	121.876	1115.669	1275503.800	363464.070	48500.942	57084.136	47483.470
x		18785.782	22.049	112.500	1050.560	1276631.500	362982.820	48655.112	56855.625	46899.260
σ		175.370	0.301	8.700	61.368	1203.105	1063.361	168.440	263.079	515.192
%RSD		0.934	1.364	7.733	5.841	0.094	0.293	0.346	0.463	1.099

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	08:01:15	250613.510	11302.907	42513.164	2088723.300	924856.720	14408.825	236297.620	130310.380	85.938
2	08:02:23	251128.690	11374.839	42580.552	2130770.300	931795.960	14080.373	237242.780	129274.470	87.500
3	08:03:31	251424.450	11543.725	42542.940	2143543.200	927436.480	14286.828	238885.450	129775.860	89.063
x		251055.550	11407.157	42545.552	2121012.300	928029.720	14258.675	237475.280	129786.900	87.500
σ		410.387	123.619	33.770	28683.075	3507.453	166.026	1309.483	518.044	1.563
%RSD		0.163	1.084	0.079	1.352	0.378	1.164	0.551	0.399	1.786

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	08:01:15	176668.510	1887.625	59203.674	8427.485	4946.169	140750.920	4556.977	206.251	364.067
2	08:02:23	186284.830	1931.381	62877.132	8410.287	5005.564	140399.040	4541.347	168.751	304.691
3	08:03:31	193028.160	1914.191	65389.938	8318.046	4847.697	140100.820	4438.189	162.501	345.317
x		185327.170	1911.065	62490.248	8385.273	4933.143	140416.930	4512.171	179.168	338.025
σ		8221.760	22.045	3111.226	58.852	79.735	325.416	64.545	23.662	30.352
%RSD		4.436	1.154	4.979	0.702	1.616	0.232	1.430	13.207	8.979

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	08:01:15	9551.630	4542.910	59465.696	3100.336	975.033	975.033	806.273	65.104	33.854
2	08:02:23	9578.210	4589.800	59730.862	3261.831	1053.164	1053.164	783.876	48.438	42.708
3	08:03:31	9307.719	4503.835	59424.902	3360.291	1071.915	1071.915	791.168	43.229	37.500
x		9479.186	4545.515	59540.487	3240.819	1033.371	1033.371	793.772	52.257	38.021
σ		149.089	43.042	166.126	131.245	51.384	51.384	11.423	11.427	4.450
%RSD		1.573	0.947	0.279	4.050	4.972	4.972	1.439	21.866	11.704

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	08:01:15	201.564	353.129	282.815	206.251	554.698	6.250	391504.640	190.626	73.438
2	08:02:23	179.689	245.315	276.565	159.376	410.943	10.938	395120.930	201.564	34.375
3	08:03:31	189.064	243.752	257.815	160.938	403.131	12.500	394783.670	176.564	43.750
x		190.105	280.732	272.398	175.522	456.257	9.896	393803.080	189.585	50.521
σ		10.975	62.703	13.011	26.624	85.342	3.253	1997.640	12.533	20.393
%RSD		5.773	22.335	4.776	15.169	18.705	32.868	0.507	6.611	40.365

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	08:01:15	0.000	0.000	40.625	42.188	528.135	829.712	6116.934	10936.998	936576.710
2	08:02:23	1.563	1.563	34.375	40.625	448.445	568.761	6162.266	11101.187	938936.830
3	08:03:31	3.125	3.125	26.563	28.125	356.254	454.695	6068.476	10965.144	946169.540
x		1.563	1.563	33.854	36.979	444.278	617.723	6115.892	11001.109	940561.030
σ		1.563	1.563	7.046	7.708	86.016	192.243	46.904	87.805	4998.412
%RSD		100.000	100.000	20.812	20.843	19.361	31.121	0.767	0.798	0.531

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	08:01:15	966264.000	2867.475	6709.388	1500.079	1275.057	3178.479	864420.740	217.189
2	08:02:23	978518.330	1504.767	3761.433	1100.042	1023.474	2504.907	853503.720	187.501
3	08:03:31	975388.200	1065.665	2597.111	1043.788	834.399	2048.584	870609.820	190.626
x		973390.180	1812.636	4355.977	1214.636	1044.310	2577.323	862844.760	198.439
σ		6366.807	939.531	2119.627	248.795	221.066	568.417	8661.257	16.313
%RSD		0.654	51.832	48.660	20.483	21.169	22.055	1.004	8.221

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	08:09:13	18731.022	21.875	107.813	1084.416	1183439.200	353527.140	47096.254	55346.067	43141.606
2	08:10:21	18970.400	17.188	106.250	1081.291	1181009.300	352625.570	46665.156	54117.937	42202.871
3	08:11:29	18591.778	16.667	106.250	1110.981	1183368.000	352942.630	47253.021	54723.362	42514.731
x		18764.400	18.576	106.771	1092.229	1182605.500	353031.780	47004.810	54729.122	42619.736
σ		191.505	2.869	0.902	16.314	1382.807	457.345	304.414	614.085	478.096
%RSD		1.021	15.442	0.845	1.494	0.117	0.130	0.648	1.122	1.122

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	08:09:13	237428.650	10760.301	42395.628	2080936.000	893466.070	14063.169	231952.280	129920.920	100.000
2	08:10:21	236065.710	10729.027	41895.719	2101363.900	891631.610	13892.689	230000.790	133115.750	112.500
3	08:11:29	239052.260	10922.924	42720.030	2132160.100	896572.210	14030.324	230097.640	130789.730	101.563
x		237515.540	10804.084	42337.125	2104820.000	893889.970	13995.394	230683.570	131275.470	104.688
σ		1495.171	104.100	415.258	25786.319	2497.427	90.448	1099.799	1651.878	6.811
%RSD		0.630	0.964	0.981	1.225	0.279	0.646	0.477	1.258	6.506

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	08:09:13	176598.910	6529.617	60637.795	19857.542	6001.260	342035.210	9034.106	171.876	489.071
2	08:10:21	185871.690	6731.273	63514.317	19812.166	6349.848	339529.620	9174.820	145.313	481.258
3	08:11:29	192817.530	7056.430	65353.836	20244.021	6256.057	344595.650	9273.321	160.938	481.258
x		185096.040	6772.440	63168.649	19971.243	6202.389	342053.490	9160.749	159.376	483.862
σ		8137.084	265.808	2376.946	237.320	180.385	2533.066	120.227	13.350	4.511
%RSD		4.396	3.925	3.763	1.188	2.908	0.741	1.312	8.377	0.932

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	08:09:13	21358.142	10339.678	51222.918	3139.928	935.968	935.968	829.191	55.208	33.333
2	08:10:21	21389.438	10511.678	51484.795	3327.471	995.347	995.347	760.437	49.479	34.375
3	08:11:29	21455.162	10630.516	51735.699	3307.154	1079.728	1079.728	810.440	42.188	46.354
x		21400.914	10493.958	51481.137	3258.184	1003.681	1003.681	800.022	48.958	38.021
σ		49.518	146.227	256.410	102.915	72.242	72.242	35.541	6.526	7.236
%RSD		0.231	1.393	0.498	3.159	7.198	7.198	4.442	13.330	19.031

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	08:09:13	448.445	696.892	734.394	406.256	1145.358	10.938	396831.440	209.377	40.625
2	08:10:21	460.945	720.331	760.958	464.070	1065.665	7.813	400757.540	167.188	29.688
3	08:11:29	429.694	689.079	753.145	443.757	1128.170	10.938	397722.910	189.064	12.500
x		446.361	702.101	749.499	438.028	1113.064	9.896	398437.300	188.543	27.604
σ		15.729	16.264	13.652	29.330	41.939	1.804	2058.232	21.099	14.178
%RSD		3.524	2.316	1.821	6.696	3.768	18.232	0.517	11.190	51.361

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	08:09:13	0.000	0.000	40.625	20.313	295.316	389.068	5854.324	10277.133	937406.710
2	08:10:21	6.250	6.250	45.313	20.313	248.440	304.691	5744.905	10208.334	952361.350
3	08:11:29	3.125	3.125	29.688	26.563	243.752	264.065	5934.045	10125.462	943408.090
x		3.125	3.125	38.542	22.396	262.502	319.275	5844.425	10203.643	944392.050
σ		3.125	3.125	8.018	3.608	28.513	63.765	94.958	75.944	7525.718
%RSD		100.000	100.000	20.804	16.112	10.862	19.972	1.625	0.744	0.797

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	08:09:13	962176.470	1067.227	2404.890	1378.192	1150.046	2845.596	865699.480	212.502
2	08:10:21	983874.330	639.077	1565.711	1253.180	1043.788	2595.548	881516.290	235.939
3	08:11:29	976908.900	398.443	1032.850	1190.675	1012.536	2528.349	874881.150	176.564
x		974319.900	701.582	1667.817	1274.015	1068.790	2656.498	874032.300	208.335
σ		11078.196	338.745	691.696	95.479	72.084	167.175	7942.495	29.906
%RSD		1.137	48.283	41.473	7.494	6.744	6.293	0.909	14.355

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	08:17:11	18781.087	18.229	137.501	1046.913	1813391.900	618619.680	81854.146	96844.338	18083.313
2	08:18:19	18741.974	19.271	137.501	1115.669	1825184.600	616729.590	82185.729	96704.331	17781.372
3	08:19:27	18962.577	23.958	143.751	1037.538	1835643.900	624547.550	83237.103	97280.096	18253.842
x		18828.546	20.486	139.584	1066.707	1824740.100	619965.610	82425.659	96942.922	18039.509
σ		117.710	3.052	3.608	42.661	11132.655	4079.063	722.023	300.275	239.262
%RSD		0.625	14.897	2.585	3.999	0.610	0.658	0.876	0.310	1.326

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	08:17:11	237994.190	4263.136	45839.050	2118328.300	1087207.300	22131.192	369798.560	131376.330	45.313
2	08:18:19	241127.330	4344.411	46282.664	2172729.000	1093909.800	22594.416	374618.610	132119.070	59.375
3	08:19:27	243224.940	4389.737	45774.782	2178420.600	1092776.200	22062.335	375159.080	133503.720	54.688
x		240782.150	4332.428	45965.499	2156492.600	1091297.800	22262.648	373192.090	132333.040	53.125
σ		2632.403	64.145	276.547	33173.576	3587.535	289.375	2951.274	1079.720	7.160
%RSD		1.093	1.481	0.602	1.538	0.329	1.300	0.791	0.816	13.478

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	08:17:11	180987.700	1876.686	61075.592	8941.860	3001.878	153425.730	5000.875	92.188	510.947
2	08:18:19	192157.160	2057.961	64653.786	8990.328	2948.742	154476.020	5280.663	64.063	460.945
3	08:19:27	199185.250	1981.387	66678.687	9037.233	3064.391	155054.110	4914.908	79.688	520.322
x		190776.700	1972.011	64136.022	8989.807	3005.004	154318.620	5065.482	78.646	497.405
σ		9176.981	91.000	2837.204	47.688	57.888	825.521	191.245	14.091	31.921
%RSD		4.810	4.615	4.424	0.530	1.926	0.535	3.775	17.918	6.418

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	08:17:11	109988.980	53532.927	25280.161	3158.683	1015.661	1015.661	774.500	35.938	36.979
2	08:18:19	110957.360	55118.627	25339.641	3313.405	1103.168	1103.168	825.024	47.396	44.792
3	08:19:27	113064.410	54732.773	25347.467	3340.495	1057.852	1057.852	812.523	49.479	41.667
x		111336.920	54461.443	25322.423	3270.861	1058.894	1058.894	804.016	44.271	41.146
σ		1572.456	826.938	36.809	98.089	43.763	43.763	26.314	7.292	3.932
%RSD		1.412	1.518	0.145	2.999	4.133	4.133	3.273	16.471	9.557

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	08:17:11	120.313	145.313	126.563	121.876	214.064	6.250	396617.820	215.627	29.688
2	08:18:19	121.876	92.188	100.000	76.563	178.126	7.813	398542.150	218.752	35.938
3	08:19:27	87.500	101.563	134.376	90.625	182.814	6.250	400884.460	196.876	34.375
x		109.896	113.021	120.313	96.355	191.668	6.771	398681.480	210.418	33.333
σ		19.411	28.356	18.020	23.193	19.537	0.902	2136.732	11.831	3.253
%RSD		17.663	25.089	14.977	24.071	10.193	13.323	0.536	5.623	9.758

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	08:17:11	0.000	0.000	23.438	28.125	404.693	325.004	7634.852	13179.514	951018.350
2	08:18:19	0.000	0.000	17.188	20.313	418.756	326.566	7720.836	13637.756	959235.090
3	08:19:27	3.125	3.125	32.813	29.688	382.818	339.067	7780.243	13450.079	962764.150
x		1.042	1.042	24.479	26.042	402.089	330.212	7711.977	13422.450	957672.530
σ		1.804	1.804	7.864	5.023	18.110	7.708	73.099	230.367	6026.789
%RSD		173.205	173.205	32.127	19.287	4.504	2.334	0.948	1.716	0.629

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	08:17:11	989168.720	412.506	1064.102	1132.857	1068.790	2309.562	875629.670	282.815
2	08:18:19	989337.650	265.627	707.830	1121.919	960.970	2320.501	878124.470	279.690
3	08:19:27	989217.220	279.690	690.642	1204.738	937.531	2414.267	884199.740	251.565
x		989241.190	319.275	820.858	1153.172	989.097	2348.110	879317.960	271.357
σ		86.979	81.046	210.831	44.992	70.004	57.554	4407.929	17.211
%RSD		0.009	25.385	25.684	3.902	7.078	2.451	0.501	6.343

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	08:25:08	18335.196	31021.144	5071.212	1032.850	33017162.000	23899055.000	3203353.600	3750937.500	5278839.000
2	08:26:16	18659.053	30997.134	5236.897	1035.975	33322294.000	24156418.000	3268160.800	3788220.600	5299900.600
3	08:27:24	19031.418	31557.734	5138.424	1020.349	33570642.000	24391104.000	3269363.000	3772555.400	5308983.800
x		18675.222	31192.004	5148.845	1029.725	33303366.000	24148859.000	3246959.100	3770571.200	5295907.800
σ		348.393	316.959	83.332	8.269	277225.120	246111.580	37768.305	18720.590	15463.944
%RSD		1.866	1.016	1.618	0.803	0.832	1.019	1.163	0.496	0.292

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	08:25:08	60308.280	286640.890	67104.109	427486.140	18789094.000	82504.748	1356340.300	130780.270	42563.313
2	08:26:16	60462.053	288775.430	67166.903	424798.350	18859649.000	82426.171	1353453.600	133204.070	43287.359
3	08:27:24	60631.519	290009.420	67537.394	420862.520	19100314.000	83812.326	1376382.700	135894.860	42450.478
x		60467.284	288475.250	67269.469	424382.340	18916352.000	82914.415	1362058.800	133293.070	42767.050
σ		161.683	1704.211	234.145	3331.352	163174.470	778.606	12488.504	2558.458	454.119
%RSD		0.267	0.591	0.348	0.785	0.863	0.939	0.917	1.919	1.062

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	08:25:08	713612.620	606709.230	95115.594	2446855.900	1804714.300	41731715.000	994871.580	770430.810	167185.090
2	08:26:16	709135.220	609624.810	93500.295	2462629.600	1804882.100	41907898.000	997537.240	768382.610	167719.420
3	08:27:24	713320.430	612984.390	93360.322	2478845.600	1838987.500	42352193.000	1001050.400	775531.950	168598.430
x		712022.760	609772.810	93992.070	2462777.000	1816194.600	41997269.000	997819.730	771448.450	167834.310
σ		2504.944	3140.201	975.514	15995.376	19739.378	319747.570	3099.059	3681.709	713.640
%RSD		0.352	0.515	1.038	0.649	1.087	0.761	0.311	0.477	0.425

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	08:25:08	848014.290	415449.680	329027.170	145449.720	8482.205	8482.205	26968.661	11268.505	42.708
2	08:26:16	849823.440	410617.630	329649.080	146703.590	8813.656	8813.656	26960.834	11250.261	41.667
3	08:27:24	860608.400	418327.160	332271.290	147036.670	8382.146	8382.146	27198.262	11203.871	39.583
x		852815.380	414798.160	330315.850	146396.660	8559.335	8559.335	27042.586	11240.879	41.320
σ		6809.305	3895.839	1721.774	836.816	225.858	225.858	134.877	33.323	1.591
%RSD		0.798	0.939	0.521	0.572	2.639	2.639	0.499	0.296	3.851

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	08:25:08	152704.000	271690.460	294270.240	172508.760	447167.270	9.375	388966.390	18108.345	847103.170
2	08:26:16	154956.180	276896.820	295839.660	172934.170	453312.720	10.938	394812.580	17976.929	854239.560
3	08:27:24	157271.900	277424.090	299631.530	176766.590	458805.850	21.875	397438.600	18191.262	855452.770
x		154977.360	275337.120	296580.480	174069.840	453095.280	14.063	393739.190	18092.179	852265.170
σ		2284.027	3169.086	2756.351	2345.119	5822.335	6.811	4336.903	108.077	4511.388
%RSD		1.474	1.151	0.929	1.347	1.285	48.432	1.101	0.597	0.529

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	08:25:08	13700.316	13700.316	827820.610	206327.740	578486.440	884490.370	791146.370	1402000.100	953017.040
2	08:26:16	13642.448	13642.448	835493.860	207481.780	582146.330	885265.950	791250.330	1390374.900	953520.930
3	08:27:24	14038.144	14038.144	838637.450	209281.180	582618.110	895230.960	796824.250	1413920.000	969605.990
x		13793.636	13793.636	833983.970	207696.900	581083.630	888329.090	793073.650	1402098.300	958714.650
σ		213.718	213.718	5564.244	1488.423	2261.566	5989.757	3248.534	11772.844	9435.538
%RSD		1.549	1.549	0.667	0.717	0.389	0.674	0.410	0.840	0.984

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	08:25:08	982553.540	1402106.700	3628308.100	1147560.000	1068537.000	2517682.700	851641.100	6275343.400
2	08:26:16	983897.740	1396034.300	3634171.500	1147502.500	1063331.800	2494018.800	858267.420	6311907.100
3	08:27:24	994734.380	1401836.700	3668570.000	1145266.100	1069036.400	2503701.100	858345.340	6353773.300
x		987061.880	1399992.600	3643683.200	1146776.200	1066968.400	2505134.200	856084.620	6313674.600
σ		6678.482	3430.658	21751.064	1308.095	3159.273	11896.854	3848.400	39244.825
%RSD		0.677	0.245	0.597	0.114	0.296	0.475	0.450	0.622

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	08:33:03	19316.175	21.354	90.625	815.648	252419.900	2822.154	354.692	425.006	1259.431
2	08:34:11	19111.212	28.125	75.000	767.208	254948.590	2940.928	342.192	384.380	1204.738
3	08:35:19	18834.282	20.313	85.938	745.332	254865.880	2981.561	389.068	409.381	1362.565
x		19087.223	23.264	83.854	776.063	254078.120	2914.881	361.984	406.256	1275.578
σ		241.840	4.242	8.018	35.985	1436.659	82.834	24.274	20.493	80.143
%RSD		1.267	18.234	9.562	4.637	0.565	2.842	6.706	5.044	6.283

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	08:33:03	2181.417	1598.527	39051.741	404847.010	351383.010	29.688	1775.110	134640.880	26.563
2	08:34:11	2028.269	1601.652	38996.904	410746.250	351656.810	18.750	1820.429	135358.560	15.625
3	08:35:19	2153.287	1587.588	39114.412	408003.690	353962.730	26.563	1739.168	134776.530	10.938
x		2120.991	1595.923	39054.352	407865.650	352334.180	25.000	1778.236	134925.320	17.708
σ		81.522	7.385	58.798	2952.039	1416.987	5.634	40.720	381.271	8.018
%RSD		3.844	0.463	0.151	0.724	0.402	22.535	2.290	0.283	45.279

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	08:33:03	48223.443	1071.915	16309.304	6928.242	668.766	104653.810	3287.878	89.063	223.439
2	08:34:11	46905.002	946.906	15688.297	7011.095	726.581	104685.290	3281.627	71.875	178.126
3	08:35:19	45895.481	1078.166	15029.777	7014.222	692.204	104815.930	3231.616	76.563	181.251
x		47007.975	1032.329	15675.793	6984.520	695.850	104718.340	3267.040	79.167	194.272
σ		1167.392	74.044	639.855	48.763	29.080	85.966	30.838	8.885	25.308
%RSD		2.483	7.173	4.082	0.698	4.179	0.082	0.944	11.223	13.027

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	08:33:03	351.567	109.375	140.626	996.910	306.253	306.253	810.440	44.792	35.417
2	08:34:11	310.941	110.938	125.001	978.679	323.441	323.441	832.837	34.896	40.104
3	08:35:19	325.004	126.563	131.251	943.260	265.627	265.627	825.024	44.792	45.313
x		329.170	115.625	132.292	972.950	298.441	298.441	822.767	41.493	40.278
σ		20.631	9.504	7.864	27.280	29.688	29.688	11.368	5.713	4.950
%RSD		6.268	8.220	5.945	2.804	9.948	9.948	1.382	13.769	12.290

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	08:33:03	448.445	770.333	818.773	493.759	1209.426	4.688	407788.290	187.501	90.625
2	08:34:11	315.628	526.572	626.576	357.817	906.279	4.688	408400.730	220.314	81.250
3	08:35:19	267.190	407.818	481.258	250.002	676.579	3.125	408555.050	190.626	123.438
x		343.754	568.241	642.203	367.193	930.761	4.167	408248.030	199.481	98.438
σ		93.843	184.815	169.299	122.148	267.266	0.902	405.549	18.110	22.152
%RSD		27.300	32.524	26.362	33.265	28.715	21.651	0.099	9.079	22.504

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	08:33:03	0.000	0.000	125.001	14.063	450.007	1570.399	46.875	70.313	958267.000
2	08:34:11	1.563	1.563	67.188	9.375	406.256	1207.864	34.375	90.625	960151.500
3	08:35:19	3.125	3.125	87.500	14.063	376.567	1003.160	34.375	84.375	958145.160
x		1.563	1.563	93.229	12.500	410.943	1260.474	38.542	81.771	958854.550
σ		1.563	1.563	29.329	2.706	36.944	287.256	7.217	10.404	1124.839
%RSD		100.000	100.000	31.459	21.651	8.990	22.789	18.725	12.723	0.117

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	08:33:03	986111.590	484.383	1095.355	140.626	131.251	342.192	880910.250	534.385
2	08:34:11	985650.060	423.444	1101.605	110.938	139.063	289.065	891719.680	414.069
3	08:35:19	992736.720	390.630	985.972	145.313	162.501	317.191	884694.640	421.881
x		988166.120	432.819	1060.977	132.292	144.272	316.149	885774.860	456.778
σ		3964.976	47.574	65.032	18.641	16.263	26.578	5485.077	67.323
%RSD		0.401	10.992	6.129	14.091	11.273	8.407	0.619	14.739

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	08:40:58	18715.376	30.729	81.250	1142.233	1506287.300	333069.240	44897.003	52052.471	39169.250
2	08:42:06	18644.972	26.563	109.375	1121.919	1510413.400	336418.230	45912.723	52588.805	39653.395
3	08:43:14	18865.574	31.771	82.813	1123.482	1494828.000	332226.510	44395.439	51585.156	39549.984
x		18741.974	29.688	91.146	1129.211	1503842.900	333904.660	45068.388	52075.477	39457.543
σ		112.680	2.756	15.806	11.304	8075.123	2217.220	773.025	502.220	254.967
%RSD		0.601	9.283	17.342	1.001	0.537	0.664	1.715	0.964	0.646

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	08:40:58	233991.380	10951.071	41809.529	2029359.000	869574.530	13159.183	223605.130	131004.180	71.875
2	08:42:06	236691.570	11148.098	41847.139	2073148.800	880219.570	13420.363	224733.570	129616.610	93.750
3	08:43:14	232231.760	10962.017	41833.036	2081619.900	873541.870	13659.652	226073.210	130539.020	93.750
x		234304.900	11020.395	41829.901	2061375.900	874445.320	13413.066	224803.970	130386.600	86.459
σ		2246.372	110.729	19.000	28049.063	5379.720	250.315	1235.544	706.230	12.630
%RSD		0.959	1.005	0.045	1.361	0.615	1.866	0.550	0.542	14.608

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	08:40:58	135421.650	6090.361	46386.124	9648.570	5068.086	161127.010	5133.735	431.257	2522.098
2	08:42:06	151893.870	6317.021	52154.404	9573.519	4969.614	161815.980	5057.145	400.006	2642.432
3	08:43:14	162342.210	6376.423	55452.729	9507.850	4878.958	161114.370	5058.708	351.567	2400.202
x		149885.910	6261.268	51331.086	9576.647	4972.220	161352.450	5083.196	394.276	2521.577
σ		13572.144	150.961	4589.033	70.412	94.591	401.477	43.775	40.153	121.116
%RSD		9.055	2.411	8.940	0.735	1.902	0.249	0.861	10.184	4.803

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	08:40:58	23887.142	11604.712	43412.738	2246.531	673.453	673.453	785.959	40.104	30.208
2	08:42:06	23988.874	11409.242	43666.635	2443.959	762.520	762.520	777.625	43.750	34.375
3	08:43:14	23754.108	11593.765	43511.475	2643.995	881.277	881.277	791.168	38.021	30.208
x		23876.708	11535.906	43530.283	2444.828	772.417	772.417	784.917	40.625	31.597
σ		117.731	109.831	127.989	198.733	104.265	104.265	6.831	2.900	2.406
%RSD		0.493	0.952	0.294	8.129	13.499	13.499	0.870	7.138	7.613

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	08:40:58	165.626	201.564	265.627	151.563	348.442	9.375	392524.240	182.814	181.251
2	08:42:06	150.001	182.814	251.565	143.751	329.691	10.938	390337.410	173.439	195.314
3	08:43:14	146.876	160.938	167.188	146.876	373.442	14.063	391414.730	198.439	189.064
x		154.168	181.772	228.127	147.397	350.525	11.458	391425.460	184.897	188.543
σ		10.046	20.333	53.241	3.932	21.950	2.387	1093.457	12.630	7.046
%RSD		6.516	11.186	23.338	2.668	6.262	20.830	0.279	6.831	3.737

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	08:40:58	9.375	9.375	173.439	65.625	367.192	635.952	4810.185	8890.265	939958.660
2	08:42:06	3.125	3.125	215.627	48.438	371.880	573.449	5097.784	8948.114	939881.980
3	08:43:14	6.250	6.250	210.939	60.938	321.879	518.759	4927.412	8829.290	935241.810
x		6.250	6.250	200.001	58.333	353.650	576.053	4945.127	8889.223	938360.820
σ		3.125	3.125	23.123	8.885	27.615	58.640	144.616	59.419	2701.413
%RSD		50.000	50.000	11.562	15.231	7.808	10.180	2.924	0.668	0.288

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	08:40:58	963916.200	1290.683	3375.399	759.395	689.079	1731.355	859588.730	1110.981
2	08:42:06	971936.310	960.970	2270.493	771.896	609.388	1604.778	862835.320	1050.039
3	08:43:14	968496.920	739.082	1876.686	712.518	612.513	1464.138	865488.840	892.215
x		968116.480	996.912	2507.526	747.936	636.993	1600.090	862637.630	1017.745
σ		4023.567	277.552	776.964	31.304	45.135	133.670	2955.016	112.901
%RSD		0.416	27.841	30.985	4.185	7.086	8.354	0.343	11.093

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	08:48:54	18756.055	20.313	92.188	1182.862	1158914.600	352473.450	47093.119	55717.820	35663.210
2	08:50:02	19072.098	26.042	93.750	1075.040	1161681.000	350353.500	47500.715	55404.104	35597.421
3	08:51:10	18809.249	24.479	85.938	1140.670	1169307.700	356129.660	46668.291	55164.115	36317.981
x		18879.134	23.611	90.625	1132.858	1163301.100	352985.530	47087.375	55428.680	35859.537
σ		169.215	2.962	4.134	54.333	5382.651	2921.930	416.242	277.669	398.384
%RSD		0.896	12.543	4.562	4.796	0.463	0.828	0.884	0.501	1.111

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	08:48:54	243015.170	11209.083	42538.238	2058522.800	906573.140	14768.567	246774.100	130110.130	71.875
2	08:50:02	243482.400	11241.922	42367.419	2089914.600	913929.780	14904.646	247610.250	130761.350	78.125
3	08:51:10	245163.910	11396.732	42334.510	2103834.600	914761.830	14660.644	247972.710	130277.270	81.250
x		243887.160	11282.579	42413.389	2084090.700	911754.920	14777.952	247452.350	130382.910	77.084
σ		1130.113	100.213	109.368	23210.563	4506.792	122.272	614.710	338.219	4.774
%RSD		0.463	0.888	0.258	1.114	0.494	0.827	0.248	0.259	6.193

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	08:48:54	160232.660	1762.609	54586.904	7756.793	2995.627	136213.500	4419.434	146.876	304.691
2	08:50:02	174814.660	1751.670	58634.145	7889.678	2972.184	135473.700	4216.247	137.501	381.255
3	08:51:10	182940.460	1832.930	61493.002	7897.495	2900.294	136907.590	4263.136	142.188	345.317
x		172662.600	1782.403	58238.017	7847.989	2956.035	136198.260	4299.606	142.188	343.754
σ		11505.852	44.098	3470.048	79.075	49.675	717.064	106.389	4.688	38.306
%RSD		6.664	2.474	5.958	1.008	1.680	0.526	2.474	3.297	11.143

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	08:48:54	26389.978	12944.925	43259.148	2698.171	826.586	826.586	790.126	41.146	26.042
2	08:50:02	26026.812	12594.612	43710.519	2883.103	904.716	904.716	829.712	41.146	31.771
3	08:51:10	26405.631	12768.203	43412.738	3089.397	939.093	939.093	775.021	44.271	40.104
x		26274.140	12769.247	43460.802	2890.224	890.132	890.132	798.286	42.188	32.639
σ		214.335	175.159	229.492	195.710	57.654	57.654	28.244	1.804	7.071
%RSD		0.816	1.372	0.528	6.771	6.477	6.477	3.538	4.277	21.665

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	08:48:54	123.438	104.688	128.126	89.063	189.064	10.938	389386.990	196.876	100.000
2	08:50:02	115.625	114.063	120.313	101.563	165.626	9.375	393495.740	182.814	89.063
3	08:51:10	117.188	117.188	128.126	59.375	154.688	7.813	395700.720	195.314	98.438
x		118.750	111.980	125.521	83.334	169.793	9.375	392861.150	191.668	95.834
σ		4.134	6.505	4.511	21.670	17.562	1.563	3204.344	7.708	5.916
%RSD		3.481	5.809	3.593	26.003	10.343	16.667	0.816	4.021	6.173

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	08:48:54	0.000	0.000	89.063	37.500	267.190	423.444	5139.987	9043.487	941705.780
2	08:50:02	1.563	1.563	79.688	28.125	290.628	343.754	4991.497	9004.399	942982.910
3	08:51:10	0.000	0.000	114.063	25.000	300.003	337.504	5069.649	9084.137	943194.660
x		0.521	0.521	94.271	30.208	285.940	368.234	5067.044	9044.008	942627.790
σ		0.902	0.902	17.770	6.505	16.901	47.915	74.279	39.872	805.467
%RSD		173.205	173.205	18.849	21.534	5.911	13.012	1.466	0.441	0.085

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	08:48:54	968334.910	389.068	979.721	779.709	721.893	1726.667	865062.580	465.633
2	08:50:02	968187.930	359.380	845.338	798.460	720.331	1651.658	872501.400	457.820
3	08:51:10	974932.030	373.442	884.402	826.586	725.018	1807.927	867011.510	470.320
x		970484.960	373.963	903.154	801.585	722.414	1728.751	868191.830	464.591
σ		3851.978	14.851	69.126	23.595	2.387	78.155	3857.311	6.315
%RSD		0.397	3.971	7.654	2.943	0.330	4.521	0.444	1.359

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	08:56:50	18666.875	26.042	81.250	981.284	1450396.100	338752.110	45412.691	53355.703	45431.501
2	08:57:59	18499.470	22.917	85.938	1054.726	1469314.800	346602.710	46430.016	54372.025	46762.348
3	08:59:07	19178.490	20.833	81.250	1037.538	1466116.600	345010.160	45754.404	54312.423	46152.557
x		18781.612	23.264	82.813	1024.516	1461942.500	343454.990	45865.704	54013.384	46115.468
σ		353.752	2.621	2.706	38.414	10126.541	4149.930	517.714	570.347	666.198
%RSD		1.884	11.268	3.268	3.749	0.693	1.208	1.129	1.056	1.445

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	08:56:50	240682.420	10710.263	42256.153	2127196.500	889920.320	13701.880	228092.430	131262.790	101.563
2	08:57:59	244407.370	11195.010	42806.225	2174714.400	908510.930	13759.748	232371.510	131302.210	109.375
3	08:59:07	246782.040	11240.358	42872.047	2194348.100	902704.980	14009.991	230105.580	133820.730	96.875
x		243957.280	11048.544	42644.808	2165419.700	900378.740	13823.873	230189.840	132128.580	102.605
σ		3074.621	293.835	338.190	34527.211	9511.111	163.759	2140.782	1465.582	6.315
%RSD		1.260	2.659	0.793	1.594	1.056	1.185	0.930	1.109	6.155

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	08:56:50	176458.120	1897.001	59752.828	7822.454	4335.033	141391.570	4377.233	123.438	440.632
2	08:57:59	190549.910	1901.689	64573.738	7783.370	4447.567	141162.760	4377.233	126.563	385.943
3	08:59:07	197376.030	1882.937	66419.672	7834.960	4363.166	142756.610	4355.351	87.500	381.255
x		188128.020	1893.876	63582.079	7813.595	4381.922	141770.320	4369.939	112.500	402.610
σ		10667.185	9.759	3442.273	26.912	58.565	861.784	12.633	21.707	33.011
%RSD		5.670	0.515	5.414	0.344	1.337	0.608	0.289	19.295	8.199

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	08:56:50	83435.128	41165.476	57422.990	2979.477	1000.035	1000.035	773.458	33.333	45.313
2	08:57:59	85382.521	41773.487	58096.015	3097.732	993.785	993.785	792.730	43.750	43.750
3	08:59:07	84703.497	40939.828	57892.065	3369.668	1029.725	1029.725	750.541	35.417	47.396
x		84507.048	41292.930	57803.690	3148.959	1007.848	1007.848	772.243	37.500	45.486
σ		988.448	431.196	345.106	200.076	19.202	19.202	21.121	5.512	1.829
%RSD		1.170	1.044	0.597	6.354	1.905	1.905	2.735	14.699	4.021

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	08:56:50	103.125	95.313	82.813	67.188	153.126	6.250	394974.790	198.439	65.625
2	08:57:59	95.313	70.313	82.813	56.250	120.313	4.688	391459.680	181.251	65.625
3	08:59:07	92.188	79.688	89.063	60.938	104.688	7.813	399189.540	200.001	73.438
x		96.875	81.771	84.896	61.458	126.042	6.250	395208.000	193.230	68.229
σ		5.634	12.630	3.608	5.487	24.722	1.563	3870.204	10.404	4.511
%RSD		5.815	15.445	4.250	8.929	19.614	25.000	0.979	5.384	6.611

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	08:56:50	9.375	9.375	71.875	14.063	217.189	298.441	5807.430	10416.296	945834.340
2	08:57:59	7.813	7.813	65.625	20.313	193.751	267.190	5841.819	10624.262	943111.300
3	08:59:07	1.563	1.563	62.500	15.625	123.438	273.440	5782.420	10464.769	950417.790
x		6.250	6.250	66.667	16.667	178.126	279.690	5810.557	10501.776	946454.470
σ		4.134	4.134	4.774	3.253	48.790	16.536	29.823	108.810	3692.510
%RSD		66.144	66.144	7.160	19.516	27.390	5.912	0.513	1.036	0.390

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	08:56:50	974774.960	257.815	614.076	370.317	332.816	807.835	866819.090	323.441
2	08:57:59	975316.350	225.002	489.071	439.069	314.066	815.648	866056.090	284.378
3	08:59:07	974008.020	178.126	462.507	385.943	339.067	865.651	873774.200	214.064
x		974699.780	220.314	521.885	398.443	328.650	829.712	868883.130	273.961
σ		657.398	40.051	80.937	36.040	13.011	31.369	4252.939	55.428
%RSD		0.067	18.179	15.509	9.045	3.959	3.781	0.489	20.232

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	09:04:47	18851.493	25.000	82.813	1067.227	1934976.100	360222.560	47751.549	56023.700	66997.360
2	09:05:55	18798.298	21.875	81.250	970.345	1912823.200	360898.690	47982.007	56737.447	66035.083
3	09:07:03	18716.941	13.542	92.188	1079.728	1928940.200	361235.160	48903.875	56665.286	66893.751
x		18788.910	20.139	85.417	1039.100	1925579.800	360785.470	48212.477	56475.478	66642.065
σ		67.765	5.923	5.916	59.871	11452.361	515.703	609.755	392.911	528.208
%RSD		0.361	29.412	6.926	5.762	0.595	0.143	1.265	0.696	0.793

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	09:04:47	240374.170	10605.498	42362.718	2059603.700	894481.440	13870.793	231458.420	131925.100	84.375
2	09:05:55	241108.260	10775.938	42788.986	2089076.300	902916.160	13877.049	231217.060	130154.280	92.188
3	09:07:03	246645.340	10915.106	42682.417	2103106.700	902280.970	14183.600	231269.460	131059.370	87.500
x		242709.260	10765.514	42611.374	2083928.900	899892.850	13977.148	231314.980	131046.250	88.021
σ		3428.452	155.067	221.836	22203.563	4697.175	178.821	126.956	885.483	3.932
%RSD		1.413	1.440	0.521	1.065	0.522	1.279	0.055	0.676	4.467

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	09:04:47	179362.710	1846.994	60400.857	7791.187	4613.245	139823.120	4241.255	115.625	414.069
2	09:05:55	190306.060	1900.126	64689.886	7947.523	4411.619	139349.780	4217.810	118.750	367.192
3	09:07:03	197317.410	1939.194	67058.584	7791.187	4378.796	138671.350	4311.588	142.188	393.755
x		188995.390	1895.438	64049.776	7843.299	4467.886	139281.420	4256.884	125.521	391.672
σ		9048.824	46.278	3374.705	90.261	126.949	578.920	48.804	14.518	23.507
%RSD		4.788	2.442	5.269	1.151	2.841	0.416	1.146	11.566	6.002

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	09:04:47	23245.459	11521.832	59589.649	2866.433	893.778	893.778	730.227	34.896	38.021
2	09:05:55	23414.485	11382.658	58472.547	3179.521	965.658	965.658	787.001	34.375	35.417
3	09:07:03	23619.510	11370.148	59395.091	3223.280	1107.856	1107.856	765.125	39.583	38.021
x		23426.485	11424.879	59152.429	3089.745	989.097	989.097	760.784	36.285	37.153
σ		187.314	84.196	596.777	194.627	108.947	108.947	28.635	2.869	1.504
%RSD		0.800	0.737	1.009	6.299	11.015	11.015	3.764	7.906	4.047

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	09:04:47	67.188	53.125	64.063	59.375	128.126	9.375	397844.990	212.502	62.500
2	09:05:55	53.125	60.938	60.938	53.125	76.563	1.563	396746.310	187.501	56.250
3	09:07:03	59.375	42.188	59.375	65.625	103.125	6.250	398317.260	170.314	48.438
x		59.896	52.083	61.458	59.375	102.605	5.729	397636.190	190.105	55.729
σ		7.046	9.418	2.387	6.250	25.785	3.932	806.019	21.214	7.046
%RSD		11.763	18.083	3.884	10.526	25.131	68.635	0.203	11.159	12.643

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	09:04:47	6.250	6.250	62.500	26.563	265.627	218.752	5358.817	9420.292	938223.420
2	09:05:55	0.000	0.000	40.625	9.375	254.690	209.377	5443.224	9693.913	945585.860
3	09:07:03	4.688	4.688	32.813	15.625	285.940	200.001	5632.360	9839.325	945747.620
x		3.646	3.646	45.313	17.188	268.753	209.377	5478.134	9651.177	943185.630
σ		3.253	3.253	15.389	8.700	15.858	9.375	140.073	212.760	4298.164
%RSD		89.214	89.214	33.962	50.616	5.901	4.478	2.557	2.204	0.456

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	09:04:47	971804.340	201.564	473.445	1181.299	1015.661	2345.505	864158.700	98.438
2	09:05:55	970214.010	145.313	437.507	1221.927	943.781	2500.219	870561.700	79.688
3	09:07:03	981239.550	142.188	376.567	1103.168	904.716	2415.829	869586.140	106.250
x		974419.300	163.022	429.173	1168.798	954.719	2420.518	868102.180	94.792
σ		5959.794	33.415	48.974	60.359	56.275	77.463	3449.811	13.651
%RSD		0.612	20.497	11.411	5.164	5.894	3.200	0.397	14.402

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	09:12:43	18804.556	17.188	85.938	1350.064	1789085.900	366749.580	49079.476	57397.889	39744.272
2	09:13:52	18748.232	13.542	75.000	1357.877	1815283.800	372572.380	49585.908	58547.854	40742.390
3	09:15:00	18890.607	21.354	98.438	1421.946	1801590.300	367629.590	49546.709	58041.105	40385.128
x		18814.465	17.361	86.459	1376.629	1801986.700	368983.850	49404.031	57995.616	40290.597
σ		71.703	3.909	11.727	39.440	13103.447	3138.752	281.756	576.330	505.729
%RSD		0.381	22.517	13.564	2.865	0.727	0.851	0.570	0.994	1.255

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	09:12:43	234953.860	11424.879	42895.554	2092164.700	914334.150	15165.858	256454.880	132158.490	85.938
2	09:13:52	243914.680	11903.395	43458.189	2147800.800	920339.470	15630.421	260591.230	129783.740	89.063
3	09:15:00	239185.720	11562.490	43114.963	2152632.100	917228.320	15570.981	255201.480	132249.960	85.938
x		239351.420	11630.255	43156.236	2130865.900	917300.640	15455.754	257415.860	131397.400	86.979
σ		4482.707	246.350	283.579	33603.109	3003.311	252.810	2820.455	1398.213	1.804
%RSD		1.873	2.118	0.657	1.577	0.327	1.636	1.096	1.064	2.074

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	09:12:43	185897.010	2073.588	62574.244	8008.494	3284.753	144697.870	4496.020	84.375	329.691
2	09:13:52	198035.050	2168.915	67204.580	8013.184	3222.238	144644.200	4547.599	101.563	357.817
3	09:15:00	204807.670	2126.721	68562.573	8132.001	3184.730	144472.160	4555.414	112.500	378.130
x		196246.580	2123.075	66113.799	8051.227	3230.574	144604.750	4533.011	99.480	355.213
σ		9581.346	47.768	3139.645	69.992	50.530	117.913	32.272	14.178	24.324
%RSD		4.882	2.250	4.749	0.869	1.564	0.082	0.712	14.252	6.848

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	09:12:43	20959.114	10344.369	41011.910	3138.887	910.967	910.967	830.753	38.021	50.521
2	09:13:52	21671.112	10621.134	41167.043	3288.399	1070.353	1070.353	809.398	41.667	36.979
3	09:15:00	21464.551	10492.915	41131.001	3438.435	1034.412	1034.412	776.063	34.896	41.667
x		21364.926	10486.139	41103.318	3288.573	1005.244	1005.244	805.405	38.194	43.056
σ		366.305	138.507	81.187	149.774	83.601	83.601	27.563	3.389	6.877
%RSD		1.715	1.321	0.198	4.554	8.316	8.316	3.422	8.872	15.972

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	09:12:43	137.501	68.750	92.188	71.875	98.438	3.125	396421.860	142.188	42.188
2	09:13:52	145.313	70.313	70.313	57.813	95.313	6.250	392111.570	220.314	20.313
3	09:15:00	146.876	59.375	68.750	62.500	98.438	7.813	398291.560	193.751	39.063
x		143.230	66.146	77.084	64.063	97.396	5.729	395608.330	185.418	33.854
σ		5.023	5.916	13.104	7.160	1.804	2.387	3169.293	39.724	11.831
%RSD		3.507	8.943	17.000	11.177	1.852	41.660	0.801	21.424	34.947

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	09:12:43	0.000	0.000	40.625	18.750	206.251	215.627	5368.196	9378.077	949580.380
2	09:13:52	1.563	1.563	35.938	7.813	162.501	201.564	5549.515	9451.563	934201.970
3	09:15:00	1.563	1.563	39.063	29.688	162.501	210.939	5133.735	9320.227	945946.070
x		1.042	1.042	38.542	18.750	177.084	209.377	5350.482	9383.289	943242.810
σ		0.902	0.902	2.387	10.938	25.259	7.160	208.455	65.823	8037.700
%RSD		86.603	86.603	6.193	58.333	14.264	3.420	3.896	0.701	0.852

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	09:12:43	982234.220	156.251	428.131	812.523	656.265	1762.609	875825.520	450.007
2	09:13:52	973558.570	134.376	339.067	785.959	606.263	1698.539	866542.080	410.943
3	09:15:00	974749.890	168.751	318.754	801.585	615.638	1746.982	864641.320	481.258
x		976847.560	153.126	361.984	800.022	626.055	1736.043	869002.980	447.403
σ		4702.861	17.399	58.179	13.351	26.579	33.406	5984.446	35.230
%RSD		0.481	11.363	16.072	1.669	4.245	1.924	0.689	7.874

HNO3-5% 11/09/2011 09:27:32 AM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	09:28:40	18712.247	15.625	10.938	768.771	238589.940	2779.958	359.380	387.505	1551.647
2	09:29:48	18857.751	23.438	10.938	785.959	241292.580	2565.855	350.004	400.006	1426.634
3	09:30:56	18585.519	16.146	10.938	731.269	240819.070	2261.116	273.440	306.253	1432.884
x		18718.506	18.403	10.938	762.000	240233.870	2535.643	327.608	364.588	1470.388
σ		136.224	4.368	0.000	27.967	1443.230	260.737	47.144	50.905	70.441
%RSD		0.728	23.735	0.000	3.670	0.601	10.283	14.390	13.962	4.791

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	09:28:40	2184.542	1453.199	40031.008	491292.590	361826.400	35.938	2328.315	131649.130	25.000
2	09:29:48	2190.793	1487.577	39954.231	469360.870	358881.630	35.938	2209.546	131798.940	18.750
3	09:30:56	2209.546	1596.964	40065.480	452537.140	358437.880	46.875	2034.520	133622.010	10.938
x		2194.960	1512.580	40016.907	471063.530	359715.300	39.583	2190.794	132356.690	18.229
σ		13.012	75.073	56.949	19433.746	1841.679	6.315	147.792	1098.353	7.046
%RSD		0.593	4.963	0.142	4.126	0.512	15.953	6.746	0.830	38.651

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	09:28:40	130166.890	1554.772	43939.345	7981.917	767.208	124327.730	3050.326	56.250	184.376
2	09:29:48	118334.960	1548.521	39658.095	7677.062	778.146	123583.810	3262.873	48.438	179.689
3	09:30:56	109192.280	1457.887	36408.837	7981.917	732.831	123010.140	3261.310	65.625	162.501
x		119231.380	1520.394	40002.092	7880.299	759.395	123640.560	3191.503	56.771	175.522
σ		10516.002	54.222	3777.021	176.008	23.646	660.622	122.265	8.606	11.518
%RSD		8.820	3.566	9.442	2.234	3.114	0.534	3.831	15.158	6.562

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	09:28:40	287.503	123.438	142.188	2667.957	840.650	840.650	808.356	34.375	42.708
2	09:29:48	250.002	103.125	121.876	2421.559	787.522	787.522	765.125	40.625	32.292
3	09:30:56	267.190	107.813	89.063	2204.337	831.274	831.274	790.126	33.333	46.354
x		268.232	111.459	117.709	2431.285	819.815	819.815	787.869	36.111	40.451
σ		18.772	10.636	26.807	231.963	28.357	28.357	21.704	3.944	7.298
%RSD		6.998	9.542	22.774	9.541	3.459	3.459	2.755	10.921	18.041

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	09:28:40	31.250	32.813	53.125	28.125	46.875	6.250	398685.120	193.751	32.813
2	09:29:48	34.375	25.000	45.313	43.750	50.000	7.813	397242.640	189.064	25.000
3	09:30:56	29.688	39.063	34.375	28.125	34.375	10.938	398847.370	178.126	14.063
x		31.771	32.292	44.271	33.333	43.750	8.333	398258.370	186.980	23.958
σ		2.387	7.046	9.418	9.021	8.268	2.387	883.389	8.018	9.418
%RSD		7.512	21.819	21.274	27.063	18.898	28.641	0.222	4.288	39.311

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	09:28:40	0.000	0.000	31.250	9.375	92.188	68.750	9.375	10.938	923158.220
2	09:29:48	1.563	1.563	17.188	4.688	71.875	57.813	9.375	10.938	938496.780
3	09:30:56	0.000	0.000	12.500	3.125	70.313	65.625	14.063	7.813	939515.250
x		0.521	0.521	20.313	5.729	78.125	64.063	10.938	9.896	933723.410
σ		0.902	0.902	9.758	3.253	12.204	5.634	2.706	1.804	9163.891
%RSD		173.205	173.205	48.038	56.773	15.621	8.794	24.744	18.232	0.981

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	09:28:40	965831.480	117.188	320.316	59.375	53.125	109.375	851362.720	48.438
2	09:29:48	963361.870	118.750	279.690	40.625	32.813	103.125	858103.300	43.750
3	09:30:56	957586.030	106.250	240.627	46.875	32.813	110.938	853182.220	26.563
x		962259.800	114.063	280.211	48.958	39.583	107.813	854216.080	39.583
σ		4231.759	6.811	39.847	9.547	11.727	4.134	3487.193	11.517
%RSD		0.440	5.971	14.220	19.500	29.627	3.834	0.408	29.097

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	09:36:37	19644.748	28.125	142.188	1210.989	13623239.000	830313.940	109815.780	129794.780	2701313.600
2	09:37:45	20433.353	27.604	170.314	1256.305	13861020.000	844345.320	112234.470	131295.900	2730530.700
3	09:38:53	20059.386	33.854	150.001	1150.046	13869101.000	840139.130	111806.130	132016.560	2771155.300
x		20045.829	29.861	154.168	1205.780	13784454.000	838266.130	111285.460	131035.750	2734333.200
σ		394.477	3.468	14.518	53.321	139674.200	7200.765	1290.673	1133.508	35075.757
%RSD		1.968	11.613	9.417	4.422	1.013	0.859	1.160	0.865	1.283

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	09:36:37	1716941.400	6413.940	67505.996	7692836.900	27087973.000	61205.835	1018457.500	132614.250	6498.353
2	09:37:45	1732671.900	6442.077	68664.623	7961200.600	27401352.000	62817.496	1030428.100	135448.470	6342.032
3	09:38:53	1740074.500	6481.157	68937.809	8061994.100	27555822.000	62453.405	1027048.900	134345.940	7090.822
x		1729896.000	6445.725	68369.476	7905343.900	27348382.000	62158.912	1025311.500	134136.220	6643.736
σ		11813.779	33.757	760.169	190812.080	238379.810	845.226	6171.530	1428.701	394.998
%RSD		0.683	0.524	1.112	2.414	0.872	1.360	0.602	1.065	5.945

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	09:36:37	640230.330	1957333.200	425836.390	1117396.000	581399.640	19043987.000	452698.380	22523.993	235308.050
2	09:37:45	747322.360	1985825.700	466545.880	1133616.200	592698.450	19308789.000	453630.380	23046.700	238146.700
3	09:38:53	833474.630	1986526.800	491399.290	1143236.200	596703.880	19449147.000	459751.140	22949.669	237782.900
x		740342.440	1976561.900	461260.520	1131416.100	590267.320	19267308.000	455359.970	22840.121	237079.220
σ		96811.049	16656.210	33099.467	13059.854	7936.483	205740.290	3831.316	278.040	1544.623
%RSD		13.077	0.843	7.176	1.154	1.345	1.068	0.841	1.217	0.652

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	09:36:37	54143.032	26220.917	8421.231	12254.212	3339.453	3339.453	809.919	55.208	38.542
2	09:37:45	54064.611	26527.732	8682.325	13925.013	3655.155	3655.155	852.630	53.125	42.188
3	09:38:53	54988.440	26476.074	8702.650	15138.225	4358.477	4358.477	841.171	45.833	42.188
x		54398.694	26408.241	8602.069	13772.483	3784.362	3784.362	834.573	51.389	40.972
σ		512.237	164.271	156.939	1448.044	521.655	521.655	22.107	4.923	2.105
%RSD		0.942	0.622	1.824	10.514	13.784	13.784	2.649	9.579	5.137

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	09:36:37	14602.772	22929.324	25176.854	14932.801	38069.407	1.563	378174.550	210.939	95.313
2	09:37:45	15472.437	23411.355	26195.871	15172.115	38768.158	7.813	381845.280	220.314	114.063
3	09:38:53	15351.995	23561.602	25948.545	14945.314	38177.508	7.813	383043.920	239.065	106.250
x		15142.401	23300.760	25773.756	15016.743	38338.358	5.729	381021.250	223.439	105.209
σ		471.197	330.329	531.519	134.701	376.122	3.608	2537.118	14.321	9.418
%RSD		3.112	1.418	2.062	0.897	0.981	62.984	0.666	6.409	8.952

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	09:36:37	25.000	25.000	106.250	59.375	2697.130	1661.034	6077.855	10932.306	905187.740
2	09:37:45	37.500	37.500	112.500	51.563	2967.496	1753.233	6166.956	10957.326	906978.980
3	09:38:53	29.688	29.688	95.313	73.438	2915.923	1778.236	6335.780	11043.329	904693.810
x		30.729	30.729	104.688	61.458	2860.183	1730.834	6193.530	10977.654	905620.180
σ		6.315	6.315	8.700	11.085	143.543	61.728	131.000	58.236	1202.391
%RSD		20.550	20.550	8.310	18.037	5.019	3.566	2.115	0.530	0.133

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	09:36:37	932637.350	187.501	506.259	8924.662	7331.568	18659.053	810585.730	5100.911
2	09:37:45	938200.080	167.188	401.568	8832.417	7516.039	18799.862	812491.090	5490.117
3	09:38:53	938610.120	168.751	423.444	8951.241	7570.756	18874.961	810202.380	5210.325
x		936482.520	174.480	443.757	8902.773	7472.788	18777.959	811093.070	5267.118
σ		3336.318	11.304	55.222	62.363	125.322	109.608	1225.803	200.722
%RSD		0.356	6.478	12.444	0.700	1.677	0.584	0.151	3.811

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	09:44:35	20442.741	30.208	173.439	1289.121	13507943.000	853077.820	113667.610	132570.090	2745383.900
2	09:45:43	20068.774	31.250	150.001	1279.745	13729950.000	858688.500	114596.860	133601.510	2774988.400
3	09:46:51	20189.256	29.167	140.626	1392.255	13772391.000	861657.980	116327.960	136063.640	2804338.000
x		20233.590	30.208	154.688	1320.374	13670095.000	857808.100	114864.140	134078.410	2774903.400
σ		190.885	1.042	16.901	62.428	142021.450	4357.306	1350.164	1794.940	29477.127
%RSD		0.943	3.448	10.926	4.728	1.039	0.508	1.175	1.339	1.062

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	09:44:35	1708263.900	6318.584	68210.895	8046860.800	26882476.000	60573.461	1003658.500	133816.000	6756.285
2	09:45:43	1716900.300	6515.548	68977.061	8239094.300	27233775.000	62142.679	1015493.200	134730.790	6907.920
3	09:46:51	1737504.200	6362.354	70358.774	8346395.700	27292502.000	61846.084	1022354.500	135118.800	6775.044
x		1720889.400	6398.829	69182.243	8210783.600	27136251.000	61520.741	1013835.400	134555.200	6813.083
σ		15022.792	103.424	1088.541	151761.050	221728.520	833.665	9457.567	668.915	82.665
%RSD		0.873	1.616	1.573	1.848	0.817	1.355	0.933	0.497	1.213

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	09:44:35	871401.260	1961104.800	501526.650	1116685.700	579218.340	19187680.000	452943.470	22577.201	231409.200
2	09:45:43	985626.650	1968285.300	541835.830	1137535.100	587380.750	19382695.000	455313.940	22957.494	236551.780
3	09:46:51	1063010.700	1983287.100	566959.740	1135168.400	591427.040	19537496.000	459914.080	22833.859	236804.350
x		973346.210	1970892.400	536774.070	1129796.400	586008.710	19369290.000	456057.160	22789.518	234921.780
σ		96393.221	11318.615	33008.912	11415.699	6218.918	175292.670	3544.240	193.985	3044.601
%RSD		9.903	0.574	6.149	1.010	1.061	0.905	0.777	0.851	1.296

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	09:44:35	53620.755	26123.864	8588.518	15576.195	4585.111	4585.111	797.939	50.000	43.750
2	09:45:43	54495.933	26512.078	8454.063	17101.897	5088.406	5088.406	790.647	69.792	46.354
3	09:46:51	54106.959	26402.501	8654.183	18279.396	5222.830	5222.830	777.104	57.813	36.979
x		54074.549	26346.148	8565.588	16985.829	4965.449	4965.449	788.563	59.202	42.361
σ		438.488	200.148	102.011	1355.333	336.170	336.170	10.572	9.969	4.839
%RSD		0.811	0.760	1.191	7.979	6.770	6.770	1.341	16.839	11.424

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	09:44:35	14746.670	22631.976	25286.422	14610.593	37911.175	10.938	379743.480	231.252	107.813
2	09:45:43	15057.932	23397.269	25579.130	14609.029	38396.844	14.063	379815.670	207.814	96.875
3	09:46:51	15004.751	23098.346	25256.682	14684.105	37684.012	6.250	378362.230	226.564	101.563
x		14936.451	23042.530	25374.078	14634.576	37997.344	10.417	379307.130	221.877	102.084
σ		166.492	385.688	178.202	42.901	364.144	3.932	819.099	12.402	5.487
%RSD		1.115	1.674	0.702	0.293	0.958	37.749	0.216	5.590	5.375

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	09:44:35	34.375	34.375	79.688	54.688	2772.144	1748.545	6396.744	11087.113	896209.880
2	09:45:43	18.750	18.750	104.688	59.375	2779.958	1707.915	6126.313	11165.299	903479.860
3	09:46:51	28.125	28.125	82.813	68.750	2890.918	1809.490	6109.119	10885.396	898049.890
x		27.083	27.083	89.063	60.938	2814.340	1755.316	6210.725	11045.936	899246.540
σ		7.864	7.864	13.622	7.160	66.433	51.125	161.326	144.424	3779.834
%RSD		29.038	29.038	15.294	11.750	2.361	2.913	2.598	1.307	0.420

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	09:44:35	922976.720	167.188	328.129	8630.731	7183.055	18554.229	800132.970	5083.717
2	09:45:43	930091.660	143.751	285.940	8884.012	7562.939	18333.632	810899.690	5085.280
3	09:46:51	922597.090	150.001	409.381	8763.625	7434.747	18740.409	803863.590	5349.439
x		925221.820	153.647	341.150	8759.456	7393.580	18542.757	804965.420	5172.812
σ		4221.674	12.137	62.742	126.692	193.259	203.631	5467.277	152.965
%RSD		0.456	7.899	18.391	1.446	2.614	1.098	0.679	2.957

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	09:52:34	17992.574	21.354	42.188	909.404	2869289.800	163555.940	21937.143	25914.108	515109.870
2	09:53:41	18103.651	16.667	48.438	909.404	2858650.300	164989.470	22437.920	26061.250	520048.100
3	09:54:50	18421.244	19.271	32.813	839.087	2849497.200	164161.260	22009.129	25516.518	514640.270
x		18172.490	19.097	41.146	885.965	2859145.800	164235.560	22128.064	25830.625	516599.410
σ		222.472	2.349	7.864	40.597	9905.582	719.647	270.746	281.798	2995.867
%RSD		1.224	12.298	19.114	4.582	0.346	0.438	1.224	1.091	0.580

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	09:52:34	324484.400	2651.809	44914.244	1934610.000	5627024.500	11994.095	202666.520	128438.860	1193.800
2	09:53:41	328873.700	2398.639	45376.640	1940103.000	5638082.500	12280.276	203550.830	125866.110	1168.798
3	09:54:50	323461.590	2473.652	45116.442	1923138.600	5601263.000	11787.674	199692.260	127395.200	1103.168
x		325606.560	2508.033	45135.775	1932617.200	5622123.300	12020.682	201969.870	127233.390	1155.255
σ		2875.269	130.040	231.803	8655.977	18892.721	247.375	2021.420	1293.984	46.809
%RSD		0.883	5.185	0.514	0.448	0.336	2.058	1.001	1.017	4.052

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	09:52:34	278830.770	364520.160	135454.770	227051.040	116060.170	3931758.200	91325.356	4575.733	47033.548
2	09:53:41	282524.150	363289.400	136002.130	229540.350	116718.620	3953324.400	92193.405	4619.497	47549.314
3	09:54:50	280159.510	366417.790	133768.690	227784.450	116351.580	3919338.400	91345.799	4385.048	47249.885
x		280504.810	364742.450	135075.200	228125.280	116376.790	3934807.000	91621.520	4526.759	47277.582
σ		1870.748	1575.998	1164.098	1279.175	329.951	17196.907	495.372	124.661	258.996
%RSD		0.667	0.432	0.862	0.561	0.284	0.437	0.541	2.754	0.548

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	09:52:34	11359.202	5391.642	2170.477	5282.226	1570.399	1570.399	780.230	46.875	47.917
2	09:53:41	11055.839	5415.089	2142.348	5381.222	1565.711	1565.711	727.102	41.146	45.833
3	09:54:50	11134.025	5277.537	2007.954	5253.049	1581.338	1581.338	801.585	39.583	52.604
x		11183.022	5361.423	2106.926	5305.499	1572.482	1572.482	769.639	42.535	48.785
σ		157.505	73.587	86.859	67.181	8.019	8.019	38.354	3.839	3.468
%RSD		1.408	1.373	4.123	1.266	0.510	0.510	4.983	9.026	7.109

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	09:52:34	3081.582	4616.371	4808.622	2845.596	7531.672	7.813	379387.320	226.564	50.000
2	09:53:41	3005.004	4556.977	5266.596	2959.682	7739.596	9.375	374551.250	179.689	37.500
3	09:54:50	2989.375	4603.867	5283.789	3023.758	7595.769	6.250	378923.700	214.064	46.875
x		3025.320	4592.405	5119.669	2943.012	7622.346	7.813	377620.760	206.772	44.792
σ		49.347	31.312	269.512	90.243	106.479	1.563	2668.357	24.274	6.505
%RSD		1.631	0.682	5.264	3.066	1.397	20.000	0.707	11.739	14.523

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	09:52:34	6.250	6.250	60.938	21.875	565.636	373.442	1229.740	2225.173	887893.610
2	09:53:41	4.688	4.688	60.938	20.313	596.887	387.505	1279.745	2239.238	886259.160
3	09:54:50	9.375	9.375	43.750	14.063	595.325	378.130	1170.360	2267.367	882328.240
x		6.771	6.771	55.208	18.750	585.950	379.693	1226.615	2243.926	885493.670
σ		2.387	2.387	9.923	4.134	17.609	7.160	54.759	21.484	2860.562
%RSD		35.251	35.251	17.974	22.048	3.005	1.886	4.464	0.957	0.323

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	09:52:34	917276.580	107.813	240.627	1770.422	1592.276	3800.506	804525.920	1114.106
2	09:53:41	913219.240	98.438	189.064	1934.506	1603.215	3822.386	805044.570	1070.353
3	09:54:50	917504.610	92.188	190.626	1812.615	1542.271	3819.261	807155.720	1081.291
x		916000.150	99.480	206.772	1839.181	1579.254	3814.051	805575.400	1088.583
σ		2411.031	7.864	29.329	85.207	32.492	11.834	1392.944	22.770
%RSD		0.263	7.906	14.184	4.633	2.057	0.310	0.173	2.092

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	10:00:30	18224.117	30229.867	4769.546	1004.723	31348442.000	23325630.000	3142924.200	3652913.900	5101691.400
2	10:01:38	17839.256	30367.659	4797.681	1018.786	31361929.000	23303866.000	3143715.700	3670590.300	5157801.200
3	10:02:47	18066.104	30893.785	5080.591	1034.412	31179021.000	23286283.000	3163030.600	3703285.000	5144742.200
x		18043.159	30497.104	4882.606	1019.307	31296464.000	23305260.000	3149890.200	3675596.400	5134744.900
σ		193.453	350.377	172.036	14.852	101932.000	19710.788	11386.833	25555.978	29360.480
%RSD		1.072	1.149	3.523	1.457	0.326	0.085	0.361	0.695	0.572

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	10:00:30	60082.331	275824.820	65341.278	426034.350	17917597.000	78684.851	1293641.900	127349.480	40872.448
2	10:01:38	59630.443	275251.410	65019.503	415634.630	17879797.000	78081.554	1293737.500	126443.050	40212.768
3	10:02:47	60176.476	277253.640	65206.289	410353.960	18064115.000	79724.968	1299035.900	127469.290	40983.704
x		59963.083	276109.960	65189.023	417340.980	17953836.000	78830.458	1295471.800	127087.270	40689.640
σ		291.895	1031.119	161.581	7978.242	97356.188	831.327	3087.002	561.124	416.713
%RSD		0.487	0.373	0.248	1.912	0.542	1.055	0.238	0.442	1.024

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	10:00:30	720917.590	583010.200	104952.870	2342459.300	1719770.500	40096365.000	951060.050	736386.800	158854.900
2	10:01:38	714154.340	584721.810	102393.770	2355370.600	1728262.700	40133502.000	950874.880	742206.350	160711.430
3	10:02:47	712696.680	587445.850	100385.850	2341771.300	1724792.500	40264897.000	956045.630	744466.390	161808.080
x		715922.870	585059.280	102577.500	2346533.700	1724275.200	40164921.000	952660.190	741019.840	160458.140
σ		4386.530	2236.999	2289.047	7660.704	4269.639	88550.445	2933.345	4168.429	1492.795
%RSD		0.613	0.382	2.232	0.326	0.248	0.220	0.308	0.563	0.930

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	10:00:30	805900.230	396653.150	312859.030	139419.730	8527.544	8527.544	25530.606	10691.499	50.000
2	10:01:38	814667.760	395968.930	314248.410	139951.450	8241.439	8241.439	25841.059	10705.572	44.792
3	10:02:47	814963.630	401729.590	313834.780	140151.320	8189.847	8189.847	26123.864	10680.032	41.667
x		811843.870	398117.230	313647.410	139840.830	8319.610	8319.610	25831.843	10692.368	45.486
σ		5149.474	3147.048	713.387	378.130	181.915	181.915	296.737	12.792	4.210
%RSD		0.634	0.790	0.227	0.270	2.187	2.187	1.149	0.120	9.255

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	10:00:30	145930.630	256536.000	276471.510	163611.260	421332.310	12.500	377186.430	16850.557	793765.510
2	10:01:38	146781.460	260608.730	280549.880	164335.120	431069.570	14.063	375202.390	17297.966	800283.230
3	10:02:47	148421.720	262997.220	280667.780	167268.870	433357.560	18.750	376044.410	17196.281	799786.210
x		147044.600	260047.320	279229.720	165071.750	428586.480	15.104	376144.410	17114.935	797944.980
σ		1266.221	3266.990	2389.408	1936.882	6385.604	3.253	995.796	234.535	3628.049
%RSD		0.861	1.256	0.856	1.173	1.490	21.534	0.265	1.370	0.455

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	10:00:30	12627.453	12627.453	779253.030	195478.320	539201.420	825818.980	737039.510	1303077.200	885853.900
2	10:01:38	12830.759	12830.759	777816.910	194765.560	543375.500	835328.340	730903.170	1306475.300	885814.040
3	10:02:47	12832.323	12832.323	782153.720	195234.400	545596.870	833325.680	740870.890	1311979.900	888755.760
x		12763.512	12763.512	779741.220	195159.430	542724.600	831491.000	736271.190	1307177.500	886807.900
σ		117.833	117.833	2209.235	362.246	3247.032	5013.133	5028.080	4492.723	1687.017
%RSD		0.923	0.923	0.283	0.186	0.598	0.603	0.683	0.344	0.190

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	10:00:30	916660.760	1297364.100	3366623.800	1061622.300	984924.360	2292090.100	790227.220	5862936.500
2	10:01:38	913037.870	1295033.400	3387732.000	1060583.700	982153.980	2299248.000	788085.510	5766623.300
3	10:02:47	913680.170	1297645.800	3369093.500	1061874.500	987661.810	2316782.100	793857.940	5849212.100
x		914459.600	1296681.100	3374483.100	1061360.200	984913.380	2302706.700	790723.560	5826257.300
σ		1933.120	1433.917	11540.113	684.176	2753.934	12704.163	2918.050	52098.469
%RSD		0.211	0.111	0.342	0.064	0.280	0.552	0.369	0.894

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	10:08:26	17853.336	33.854	104.688	815.648	259566.580	8136.692	1053.164	1243.804	2548.665
2	10:09:34	18231.939	27.604	82.813	821.899	258748.810	9969.102	1353.189	1501.641	3103.462
3	10:10:42	18854.622	33.854	68.750	810.961	255040.840	7916.255	1104.730	1153.172	2672.125
x		18313.299	31.771	85.417	816.169	257785.410	8674.016	1170.361	1299.539	2774.751
σ		505.576	3.608	18.110	5.488	2411.782	1126.980	160.419	180.797	291.289
%RSD		2.761	11.358	21.202	0.672	0.936	12.993	13.707	13.912	10.498

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	10:08:26	2012.642	1567.274	38595.817	403448.910	348504.400	43.750	2093.903	126859.210	17.188
2	10:09:34	2168.915	1529.769	38644.385	398005.620	349982.060	39.063	2197.044	126837.140	39.063
3	10:10:42	2043.896	1534.457	39650.261	398172.680	349043.890	39.063	1964.198	128944.950	17.188
x		2075.151	1543.833	38963.488	399875.740	349176.780	40.625	2085.048	127547.100	24.479
σ		82.692	20.435	595.259	3095.584	747.740	2.706	116.676	1210.622	12.630
%RSD		3.985	1.324	1.528	0.774	0.214	6.662	5.596	0.949	51.593

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	10:08:26	82745.195	1512.580	27559.370	7347.201	1107.856	110798.320	3458.231	234.377	239.065
2	10:09:34	82661.902	1686.037	27351.158	7433.183	1260.993	114480.310	3559.819	310.941	232.814
3	10:10:42	80587.601	1551.647	27238.443	7075.189	1168.798	112160.450	3567.633	240.627	228.127
x		81998.233	1583.421	27382.990	7285.191	1179.216	112479.690	3528.561	261.982	233.335
σ		1222.353	90.989	162.814	186.879	77.099	1861.637	61.033	42.515	5.487
%RSD		1.491	5.746	0.595	2.565	6.538	1.655	1.730	16.228	2.352

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	10:08:26	473.445	212.502	182.814	1641.240	525.010	525.010	765.646	35.417	43.229
2	10:09:34	553.136	201.564	232.814	1620.404	504.696	504.696	777.625	41.667	38.021
3	10:10:42	451.570	198.439	193.751	1557.377	537.510	537.510	771.896	43.229	41.667
x		492.717	204.168	203.126	1606.340	522.405	522.405	771.722	40.104	40.972
σ		53.455	7.384	26.286	43.665	16.561	16.561	5.992	4.134	2.673
%RSD		10.849	3.617	12.941	2.718	3.170	3.170	0.776	10.308	6.523

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	10:08:26	406.256	718.768	696.892	459.382	1137.545	10.938	384545.970	215.627	346.879
2	10:09:34	320.316	607.825	610.951	332.816	857.838	1.563	383310.300	232.814	393.755
3	10:10:42	204.689	432.819	471.883	296.878	670.328	10.938	388862.040	209.377	306.253
x		310.420	586.471	593.242	363.026	888.571	7.813	385572.770	219.273	348.963
σ		101.147	144.166	113.545	85.360	235.120	5.413	2914.823	12.137	43.788
%RSD		32.584	24.582	19.140	23.514	26.460	69.282	0.756	5.535	12.548

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	10:08:26	7.813	7.813	362.505	53.125	542.198	1664.159	190.626	409.381	882447.800
2	10:09:34	4.688	4.688	331.254	103.125	492.196	1345.376	228.127	476.570	876647.130
3	10:10:42	9.375	9.375	328.129	43.750	421.881	1029.725	195.314	312.503	890947.070
x		7.292	7.292	340.629	66.667	485.425	1346.420	204.689	399.485	883347.330
σ		2.387	2.387	19.009	31.920	60.443	317.219	20.433	82.480	7192.286
%RSD		32.733	32.733	5.581	47.880	12.452	23.560	9.982	20.647	0.814

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	10:08:26	901137.050	710.955	1790.737	376.567	365.630	796.897	809217.590	1656.346
2	10:09:34	902324.200	690.642	1815.740	425.006	437.507	942.219	812752.210	1995.452
3	10:10:42	915875.190	564.074	1400.069	309.378	253.127	735.956	821786.770	1545.396
x		906445.480	655.224	1668.849	370.317	352.088	825.024	814585.520	1732.398
σ		8187.914	79.589	233.106	58.067	92.933	105.969	6482.037	234.469
%RSD		0.903	12.147	13.968	15.680	26.395	12.844	0.796	13.534

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	10:16:22	21442.643	11871.076	3033.135	1187.549	14881315.000	1801738.500	224176.480	264704.890	3813142.800
2	10:17:30	21808.822	12330.319	3294.130	1223.490	15344994.000	1858342.300	229064.040	269271.880	3882933.500
3	10:18:38	21761.875	12211.467	3065.954	1328.187	15405507.000	1865510.900	230391.380	271368.810	3934680.100
x		21671.113	12137.621	3131.073	1246.409	15210605.000	1841863.900	227877.300	268448.530	3876918.800
σ		199.249	238.361	142.162	73.066	286774.550	34933.968	3272.996	3407.401	60991.503
%RSD		0.919	1.964	4.540	5.862	1.885	1.897	1.436	1.269	1.573

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	10:16:22	1842970.900	156368.320	66521.708	7530318.600	33067919.000	61835.099	1030050.800	130304.070	20423.964
2	10:17:30	1890409.300	160575.540	67027.187	7847854.700	33783536.000	63705.791	1051415.200	131642.820	21254.863
3	10:18:38	1901410.400	160874.180	68020.930	8038499.900	34219555.000	63222.401	1062595.500	134491.050	21452.032
x		1878263.500	159272.680	67189.942	7805557.700	33690337.000	62921.097	1048020.500	132145.980	21043.620
σ		31055.337	2519.681	762.748	256717.450	581447.370	971.062	16535.819	2138.355	545.618
%RSD		1.653	1.582	1.135	3.289	1.726	1.543	1.578	1.618	2.593

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	10:16:22	1015129.600	2271330.400	470413.400	1328526.500	886877.040	22798057.000	536706.950	293254.350	366788.050
2	10:17:30	1185974.600	2335435.400	528953.790	1353618.100	899935.030	23281046.000	550243.530	302553.080	377468.740
3	10:18:38	1306555.600	2350703.100	575102.270	1364197.600	911014.640	23393242.000	554490.600	302990.330	380402.860
x		1169219.900	2319156.300	524823.150	1348780.700	899275.570	23157448.000	547147.030	299599.260	374886.550
σ		146433.660	42116.058	52466.525	18320.948	12082.302	316256.930	9287.403	5499.194	7165.302
%RSD		12.524	1.816	9.997	1.358	1.344	1.366	1.697	1.836	1.911

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	10:16:22	281993.510	136907.590	65240.821	212626.920	31251.333	31251.333	90313.223	38240.175	45.833
2	10:17:30	288152.090	139636.940	68854.597	218166.800	32681.089	32681.089	92710.275	39338.986	54.688
3	10:18:38	289870.710	140899.240	68498.202	222005.470	32964.552	32964.552	92023.565	39653.917	56.771
x		286672.110	139147.920	67531.207	217599.730	32298.991	32298.991	91682.355	39077.693	52.431
σ		4141.902	2040.265	1991.521	4714.924	918.302	918.302	1234.416	742.208	5.808
%RSD		1.445	1.466	2.949	2.167	2.843	2.843	1.346	1.899	11.077

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	10:16:22	122222.170	208050.900	224470.100	133661.440	341324.770	7.813	365965.800	6576.513	110826.670
2	10:17:30	124231.580	212864.800	229433.970	136063.640	348586.040	18.750	367379.530	6437.388	112714.790
3	10:18:38	123624.790	214756.860	232225.410	136661.500	351776.900	12.500	371918.160	6564.008	113117.960
x		123359.520	211890.850	228709.830	135462.190	347229.240	13.021	368421.160	6525.970	112219.800
σ		1030.635	3457.440	3928.037	1587.891	5356.537	5.487	3109.888	76.969	1223.218
%RSD		0.835	1.632	1.717	1.172	1.543	42.143	0.844	1.179	1.090

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	10:16:22	4744.538	4744.538	107939.060	70982.159	695173.490	1177992.000	58732.987	105009.530	862165.380
2	10:17:30	4821.126	4821.126	110195.250	72483.419	706739.520	1192043.600	60316.125	106292.400	862639.640
3	10:18:38	4991.497	4991.497	110018.900	72613.766	703576.490	1200608.800	60096.453	105806.000	871152.380
x		4852.387	4852.387	109384.400	72026.448	701829.830	1190214.800	59715.188	105702.650	865319.130
σ		126.413	126.413	1254.805	906.726	5977.576	11418.777	857.673	647.651	5057.297
%RSD		2.605	2.605	1.147	1.259	0.852	0.959	1.436	0.613	0.584

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	10:16:22	889466.780	4919081.600	11864062.000	2002904.200	1691631.500	4483765.300	775958.910	5285.353
2	10:17:30	887611.230	4991962.600	12127772.000	2036889.300	1722686.200	4510142.200	776522.720	5244.713
3	10:18:38	895086.370	4988342.200	12074487.000	2028545.900	1706262.100	4561729.900	776476.560	5216.577
x		890721.460	4966462.100	12022107.000	2022779.800	1706859.900	4518545.800	776319.390	5248.881
σ		3892.313	41072.638	139439.720	17711.090	15535.962	39655.840	313.040	34.577
%RSD		0.437	0.827	1.160	0.876	0.910	0.878	0.040	0.659

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	10:24:18	21699.280	11894.012	3122.216	1468.826	14690759.000	1773610.300	220223.520	256411.930	3775851.700
2	10:25:27	21815.081	11993.574	3180.041	1340.688	14904171.000	1799405.200	222606.910	259536.350	3802183.800
3	10:26:34	22076.420	12026.414	3248.807	1489.140	14940558.000	1796982.600	221535.770	261114.720	3787116.500
x		21863.594	11971.333	3183.688	1432.885	14845162.000	1789999.400	221455.400	259021.000	3788384.000
σ		193.193	68.946	63.374	80.488	134949.500	14244.934	1193.726	2393.376	13211.715
%RSD		0.884	0.576	1.991	5.617	0.909	0.796	0.539	0.924	0.349

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	10:24:18	1810132.000	156134.530	66523.277	7524252.000	32314876.000	61332.941	1006523.400	131843.100	20657.112
2	10:25:27	1822881.000	158974.970	67267.375	7671438.400	32667453.000	61067.746	1016671.100	131070.410	20995.104
3	10:26:34	1824382.100	157654.210	67736.772	7741501.900	32737656.000	60647.210	1002783.000	132656.830	20940.336
x		1819131.700	157587.900	67175.808	7645730.800	32573328.000	61015.966	1008659.200	131856.780	20864.184
σ		7829.987	1421.383	611.907	110883.030	226561.920	345.785	7186.211	793.297	181.409
%RSD		0.430	0.902	0.911	1.450	0.696	0.567	0.712	0.602	0.869

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	10:24:18	1287712.300	2229879.100	555987.760	1285381.400	864513.610	22029350.000	523332.000	296048.610	356377.920
2	10:25:27	1435151.200	2224656.900	605671.230	1294012.400	871346.510	22252295.000	525634.580	295144.240	362361.590
3	10:26:34	1518434.600	2229637.300	635532.050	1302440.000	878268.890	22401357.000	525310.480	297690.010	362741.360
x		1413766.000	2228057.800	599063.680	1293944.600	871376.340	22227667.000	524759.020	296294.290	360493.620
σ		116838.310	2947.729	40181.691	8529.503	6877.688	187222.330	1246.413	1290.540	3569.357
%RSD		8.264	0.132	6.707	0.659	0.789	0.842	0.238	0.436	0.990

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	10:24:18	281313.100	136562.120	65787.067	215367.520	32142.369	32142.369	90691.127	38490.325	42.708
2	10:25:27	281220.690	136992.770	65264.366	218402.660	33382.709	33382.709	91247.255	38530.537	44.792
3	10:26:34	283226.930	138370.010	64962.997	218374.100	33730.399	33730.399	91580.104	38569.183	49.479
x		281920.240	137308.300	65338.143	217381.430	33085.159	33085.159	91172.829	38530.015	45.660
σ		1132.569	944.347	416.960	1744.156	834.782	834.782	449.138	39.432	3.468
%RSD		0.402	0.688	0.638	0.802	2.523	2.523	0.493	0.102	7.595

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	10:24:18	118683.150	206408.590	223448.020	131545.060	341607.980	20.313	368599.410	6220.104	110322.790
2	10:25:27	119469.350	207297.890	224001.900	131470.940	343547.410	6.250	367541.420	6426.445	109163.940
3	10:26:34	121979.490	208578.830	225065.300	133101.560	343549.010	14.063	368817.430	6343.596	109834.670
x		120043.990	207428.440	224171.740	132039.190	342901.470	13.542	368319.420	6330.048	109773.800
σ		1721.665	1090.996	821.907	920.790	1120.196	7.046	682.530	103.836	581.819
%RSD		1.434	0.526	0.367	0.697	0.327	52.030	0.185	1.640	0.530

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	10:24:18	4772.672	4772.672	106407.320	70077.710	678591.550	1154579.000	58268.591	103160.190	865707.770
2	10:25:27	4710.151	4710.151	107211.740	71134.477	687817.440	1169785.100	58871.054	102999.670	867575.500
3	10:26:34	4625.749	4625.749	108077.600	70974.308	690005.180	1169067.300	58348.604	103360.070	868308.720
x		4702.857	4702.857	107232.220	70728.832	685471.390	1164477.200	58496.083	103173.310	867197.330
σ		73.733	73.733	835.329	569.546	6057.696	8579.533	327.189	180.558	1341.078
%RSD		1.568	1.568	0.779	0.805	0.884	0.737	0.559	0.175	0.155

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	10:24:18	891392.350	4804813.000	11777817.000	1970063.900	1675524.800	4432071.600	768636.350	5044.641
2	10:25:27	891978.880	4913985.100	11864471.000	1987663.900	1673001.600	4420782.400	771853.010	4953.984
3	10:26:34	888307.240	4886832.600	11823108.000	1988016.000	1678135.900	4433714.600	768743.450	4900.841
x		890559.490	4868543.600	11821799.000	1981914.600	1675554.100	4428856.200	769744.270	4966.488
σ		1972.430	56837.486	43341.636	10264.494	2567.296	7040.240	1827.009	72.711
%RSD		0.221	1.167	0.367	0.518	0.153	0.159	0.237	1.464

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	10:32:15	21841.684	13096.626	3339.453	1379.754	14815793.000	1835466.500	225489.090	266188.330	3665446.700
2	10:33:24	21915.234	13046.580	3525.435	1392.255	14994584.000	1857339.500	228386.130	267476.110	3707284.400
3	10:34:32	21564.701	13174.822	3506.680	1417.258	15022953.000	1852077.300	229230.750	267905.930	3689199.600
x		21773.873	13106.009	3457.189	1396.422	14944443.000	1848294.400	227701.990	267190.120	3687310.200
σ		184.843	64.634	102.393	19.096	112313.640	11416.651	1962.406	893.801	20982.751
%RSD		0.849	0.493	2.962	1.367	0.752	0.618	0.862	0.335	0.569

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	10:32:15	1786217.500	167319.460	66647.291	7242696.200	32638244.000	59868.938	997505.450	130592.630	22578.766
2	10:33:24	1781426.400	169437.960	67662.986	7453328.100	32865329.000	60631.519	1005013.000	131234.410	22473.914
3	10:34:32	1793887.400	169812.680	67750.901	7450394.000	33124927.000	60722.529	1006034.400	133008.510	23962.267
x		1787177.100	168856.700	67353.726	7382139.400	32876167.000	60407.662	1002851.000	131611.850	23004.983
σ		6285.710	1344.410	613.368	120770.290	243522.180	468.763	4657.440	1251.389	830.689
%RSD		0.352	0.796	0.911	1.636	0.741	0.776	0.464	0.951	3.611

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	10:32:15	1407230.300	2376245.900	603685.070	1349316.400	901527.770	22859911.000	543351.160	316963.670	385077.190
2	10:33:24	1569418.900	2403215.200	662098.740	1354809.400	911646.870	23144771.000	546945.430	320920.870	390859.200
3	10:34:32	1646913.800	2398645.800	684607.710	1362496.100	911357.370	23166043.000	552188.330	320749.910	386889.230
x		1541187.700	2392702.300	650130.510	1355540.700	908177.330	23056908.000	547494.970	319544.810	387608.540
σ		122310.240	14433.626	41767.778	6620.209	5760.512	170935.730	4444.137	2236.973	2957.357
%RSD		7.936	0.603	6.425	0.488	0.634	0.741	0.812	0.700	0.763

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	10:32:15	299939.450	147214.010	70303.817	231243.530	34588.698	34588.698	98246.047	41294.493	48.958
2	10:33:24	304334.070	149189.020	72397.045	235251.930	36274.120	36274.120	98853.865	41449.106	48.438
3	10:34:32	303405.250	146449.960	71275.803	234867.560	36208.328	36208.328	99486.358	42003.326	61.458
x		302559.590	147617.660	71325.555	233787.670	35690.382	35690.382	98862.090	41582.308	52.951
σ		2316.142	1413.442	1047.501	2211.660	954.654	954.654	620.196	372.717	7.372
%RSD		0.766	0.958	1.469	0.946	2.675	2.675	0.627	0.896	13.922

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	10:32:15	129299.700	223083.000	242735.470	142300.530	368995.380	9.375	358870.410	6618.720	118853.300
2	10:33:24	131062.530	226616.090	243598.410	145676.490	374400.500	3.125	362209.360	6810.998	120038.150
3	10:34:32	130635.200	226708.160	247592.770	145370.270	373871.290	10.938	364013.740	6648.422	118965.170
x		130332.470	225469.080	244642.220	144449.100	372422.390	7.813	361697.840	6692.714	119285.540
σ		919.579	2066.918	2591.425	1867.001	2979.651	4.134	2609.540	103.509	654.174
%RSD		0.706	0.917	1.059	1.292	0.800	52.915	0.721	1.547	0.548

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	10:32:15	5141.550	5141.550	116609.930	75967.074	742762.280	1261548.700	62211.729	110895.950	857289.360
2	10:33:24	5111.852	5111.852	116389.390	76113.161	749372.560	1267672.500	62536.580	110787.300	846094.380
3	10:34:32	5191.568	5191.568	117586.640	75806.852	742545.170	1262976.400	62825.343	111072.310	856959.490
x		5148.323	5148.323	116861.990	75962.362	744893.340	1264065.900	62524.550	110918.520	853447.740
σ		40.287	40.287	637.180	153.209	3880.640	3203.949	306.984	143.841	6370.332
%RSD		0.783	0.783	0.545	0.202	0.521	0.253	0.491	0.130	0.746

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	10:32:15	880702.710	5310814.400	12872350.000	2034863.100	1890389.800	4732199.100	767165.030	4803.933
2	10:33:24	872433.360	5324803.600	12877147.000	2045190.600	1903412.400	4749424.500	758084.980	4803.933
3	10:34:32	882592.270	5344768.100	12824768.000	2033672.600	1901179.800	4805111.000	764969.030	4988.371
x		878576.110	5326795.400	12858089.000	2037908.800	1898327.300	4762244.900	763406.340	4865.412
σ		5403.023	17064.251	28955.982	6334.290	6964.177	38109.127	4737.437	106.485
%RSD		0.615	0.320	0.225	0.311	0.367	0.800	0.621	2.189

C4368-15X2 MH30Y2 11/09/2011 10:39:05 AM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	10:40:13	18407.164	47.917	1879.811	1131.295	128343400.000	3911161.000	496289.040	578992.260	31805.679
2	10:41:22	18425.938	31.771	1973.574	1284.433	130159810.000	4000986.400	503707.650	587541.860	28907.343
3	10:42:30	18199.085	31.771	1904.815	1212.552	132891520.000	4055902.300	507845.670	596256.060	27568.763
x		18344.062	37.153	1919.400	1209.426	130464910.000	3989349.900	502614.120	587596.730	29427.262
σ		125.904	9.322	48.553	76.617	2289358.200	73068.928	5855.407	8632.031	2165.780
%RSD		0.686	25.090	2.530	6.335	1.755	1.832	1.165	1.469	7.360

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	10:40:13	795779.290	12765.076	274321.280	1097252.100	4974263.300	48601.283	806197.570	125114.240	1659.471
2	10:41:22	808997.850	12239.616	277862.170	1091268.900	5063222.700	48593.443	817474.610	128073.100	1706.352
3	10:42:30	816054.590	12478.885	280433.560	1098209.100	5084259.200	50070.406	822183.650	127647.440	1943.882
x		806943.910	12494.526	277539.000	1095576.700	5040581.700	49088.377	815285.280	126944.920	1769.902
σ		10292.518	263.079	3068.930	3761.263	58388.629	850.471	8214.840	1599.643	152.484
%RSD		1.275	2.106	1.106	0.343	1.158	1.733	1.008	1.260	8.615

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	10:40:13	230769.280	7764.610	73604.756	50012.390	1478751.300	851709.040	24281.556	1114.106	1692.288
2	10:41:22	226035.120	5622.981	70506.374	48105.860	1498937.300	842392.770	23633.595	729.706	1210.989
3	10:42:30	219376.260	4650.757	68570.423	48605.986	1502896.000	839953.690	24135.997	601.575	1217.239
x		225393.550	6012.783	70893.851	48908.079	1493528.200	844685.170	24017.049	815.129	1373.505
σ		5723.544	1593.103	2539.435	988.514	12949.346	6203.897	339.963	266.730	276.091
%RSD		2.539	26.495	3.582	2.021	0.867	0.734	1.416	32.722	20.101

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	10:40:13	3242.555	1512.580	2192.356	9112.801	1260.993	1260.993	970.345	130.209	34.896
2	10:41:22	3009.692	1351.626	2212.671	9028.894	1167.235	1167.235	870.339	85.417	39.063
3	10:42:30	2967.496	1317.248	2168.915	8830.332	1053.164	1053.164	823.461	67.188	42.708
x		3073.248	1393.818	2191.314	8990.676	1160.464	1160.464	888.049	94.271	38.889
σ		148.135	104.277	21.897	145.061	104.080	104.080	75.026	32.430	3.909
%RSD		4.820	7.481	0.999	1.613	8.969	8.969	8.448	34.401	10.052

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	10:40:13	3950.546	1059.414	1614.154	703.142	1786.049	9.375	364420.800	275.003	323.441
2	10:41:22	3689.539	651.577	1342.251	435.944	1075.040	6.250	369232.640	289.065	179.689
3	10:42:30	3595.765	556.261	1234.428	298.441	917.217	10.938	368080.030	209.377	134.376
x		3745.283	755.751	1396.944	479.176	1259.436	8.854	367244.490	257.815	212.502
σ		183.842	267.264	195.682	205.785	462.837	2.387	2512.380	42.534	98.712
%RSD		4.909	35.364	14.008	42.946	36.750	26.956	0.684	16.498	46.452

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	10:40:13	26.563	26.563	256.252	157.813	1809.490	3200.358	16166.955	29186.033	864880.140
2	10:41:22	32.813	32.813	160.938	103.125	1087.541	1965.760	16462.605	28974.666	871295.070
3	10:42:30	31.250	31.250	92.188	71.875	706.267	1290.683	17238.520	29829.548	875954.980
x		30.208	30.208	169.793	110.938	1201.100	2152.267	16622.693	29330.083	870710.070
σ		3.253	3.253	82.390	43.499	560.309	968.403	553.429	445.273	5560.548
%RSD		10.767	10.767	48.524	39.210	46.650	44.995	3.329	1.518	0.639

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	10:40:13	879753.040	13897.382	33567.516	5166.559	4653.883	10919.797	764830.660	15583.495
2	10:41:22	894996.620	8016.311	19298.964	2889.355	2598.674	6135.692	774127.520	16110.642
3	10:42:30	906029.280	6015.329	14124.166	2117.344	1764.171	4403.804	775027.520	16396.905
x		893592.980	9309.674	22330.216	3391.086	3005.576	7153.098	771328.570	16030.347
σ		13194.233	4097.106	10069.872	1585.317	1487.207	3375.037	5645.319	412.607
%RSD		1.477	44.009	45.095	46.750	49.482	47.183	0.732	2.574

C4368-16X2 MH30Y3 11/09/2011 10:47:04 AM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	10:48:12	18299.213	25.521	2297.060	1368.816	148653640.000	3505938.900	439083.160	517011.110	64903.351
2	10:49:20	18513.551	29.167	2320.501	1461.012	151038540.000	3561986.700	439890.240	516847.530	65504.523
3	10:50:29	18283.568	27.604	2315.813	1404.757	150339100.000	3563903.000	439505.220	519291.630	65554.753
x		18365.444	27.431	2311.124	1411.528	150010430.000	3543942.900	439492.870	517716.760	65320.876
σ		128.503	1.829	12.404	46.470	1225947.600	32926.325	403.682	1366.328	362.458
%RSD		0.700	6.668	0.537	3.292	0.817	0.929	0.092	0.264	0.555

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	10:48:12	687697.820	15229.989	299666.630	1068193.900	7115609.000	39047.041	645238.920	128140.890	2281.432
2	10:49:20	687239.010	15436.460	301745.650	1079790.900	7194578.700	39620.491	649232.640	128426.240	2140.785
3	10:50:29	689228.370	15214.347	303805.820	1086318.300	7115102.400	39617.358	653485.750	128558.680	2187.668
x		688055.070	15293.599	301739.360	1078101.000	7141763.400	39428.297	649319.100	128375.270	2203.295
σ		1041.685	123.969	2069.600	9179.594	45740.138	330.181	4124.097	213.509	71.614
%RSD		0.151	0.811	0.686	0.851	0.640	0.837	0.635	0.166	3.250

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	10:48:12	178481.460	5433.846	55722.526	36740.936	2574785.000	636542.780	18238.197	493.759	909.404
2	10:49:20	183779.250	5143.113	56564.889	37187.401	2575605.400	638254.160	18166.231	482.821	878.152
3	10:50:29	182033.680	4924.286	57016.680	36784.798	2574685.600	637599.310	18490.083	482.821	950.032
x		181431.460	5167.082	56434.698	36904.378	2575025.300	637465.420	18298.170	486.467	912.529
σ		2699.747	255.624	656.826	246.084	504.807	863.509	170.052	6.315	36.042
%RSD		1.488	4.947	1.164	0.667	0.020	0.135	0.929	1.298	3.950

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	10:48:12	1484.452	571.886	575.012	5146.239	1006.285	1006.285	783.876	54.688	37.500
2	10:49:20	1498.516	567.199	587.512	5415.089	953.157	953.157	804.189	51.563	51.042
3	10:50:29	1470.388	610.951	548.448	5218.140	993.785	993.785	774.500	50.521	44.792
x		1484.452	583.345	570.324	5259.823	984.409	984.409	787.522	52.257	44.445
σ		14.064	24.022	19.949	139.187	27.778	27.778	15.177	2.168	6.778
%RSD		0.947	4.118	3.498	2.646	2.822	2.822	1.927	4.150	15.249

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	10:48:12	3476.986	314.066	870.339	231.252	459.382	17.188	372120.200	292.190	118.750
2	10:49:20	3603.579	268.753	890.653	206.251	434.382	14.063	372936.380	246.877	87.500
3	10:50:29	3622.334	237.502	853.150	195.314	403.131	7.813	372869.030	259.377	70.313
x		3567.633	273.440	871.381	210.939	432.298	13.021	372641.870	266.148	92.188
σ		79.061	38.497	18.773	18.422	28.184	4.774	453.037	23.403	24.557
%RSD		2.216	14.079	2.154	8.733	6.519	36.661	0.122	8.793	26.638

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	10:48:12	21.875	21.875	75.000	54.688	487.508	1096.917	15076.702	26967.617	876064.530
2	10:49:20	23.438	23.438	70.313	42.188	464.070	1003.160	15134.575	26975.445	891435.550
3	10:50:29	17.188	17.188	62.500	39.063	359.380	937.531	15158.038	26784.461	882416.250
x		20.833	20.833	69.271	45.313	436.986	1012.536	15123.105	26909.174	883305.440
σ		3.253	3.253	6.315	8.268	68.223	80.106	41.864	108.076	7723.994
%RSD		15.613	15.613	9.116	18.247	15.612	7.911	0.277	0.402	0.874

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	10:48:12	910182.790	4411.619	10766.556	1692.288	1517.268	3611.394	780450.170	7491.026
2	10:49:20	911525.410	3670.784	8862.123	1400.069	1284.433	3000.315	789829.540	7627.036
3	10:50:29	916311.240	3403.530	8383.709	1301.622	1301.622	2831.531	786277.350	7412.860
x		912673.150	3828.644	9337.463	1464.659	1367.774	3147.747	785519.020	7510.307
σ		3221.405	522.255	1260.536	203.185	129.750	410.303	4735.443	108.382
%RSD		0.353	13.641	13.500	13.872	9.486	13.035	0.603	1.443

C4368-17X2 MH30Y4 11/09/2011 10:55:03 AM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	10:56:11	18241.326	28.125	2343.942	1179.736	135517990.000	3518469.000	441032.470	515069.390	61516.540
2	10:57:20	18280.439	20.313	2236.113	1342.251	135284470.000	3519531.400	443389.720	517239.470	61831.960
3	10:58:28	18247.584	20.833	2476.777	1203.176	138243910.000	3598445.100	450104.250	523497.270	62721.764
x		18256.450	23.090	2352.277	1241.721	136348790.000	3545481.800	444842.150	518602.040	62023.422
σ		21.009	4.368	120.549	87.847	1645367.100	45870.606	4707.062	4376.045	625.007
%RSD		0.115	18.917	5.125	7.075	1.207	1.294	1.058	0.844	1.008

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	10:56:11	871519.070	18258.536	275907.640	1047169.700	5900543.900	39419.938	661416.650	125025.970	2629.930
2	10:57:20	869538.030	18793.604	278504.180	1060376.900	5850694.900	40134.423	662767.780	125695.870	2759.642
3	10:58:28	886606.300	18741.974	282224.570	1074847.500	5966219.800	40722.020	675545.930	126605.410	2740.888
x		875887.800	18598.038	278878.800	1060798.100	5905819.500	40092.127	666576.790	125775.750	2710.153
σ		9335.193	295.149	3175.082	13843.706	57942.842	652.071	7796.831	792.746	70.105
%RSD		1.066	1.587	1.139	1.305	0.981	1.626	1.170	0.630	2.587

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	10:56:11	162552.400	5194.694	49234.696	40649.940	4029008.000	696801.560	19843.460	420.319	1185.987
2	10:57:20	167368.470	5107.163	50230.341	39996.537	3977137.600	695970.280	20092.245	448.445	1212.552
3	10:58:28	168435.590	5258.780	50769.742	40776.863	4090623.500	713996.740	20186.127	435.944	1156.297
x		166118.820	5186.879	50078.260	40474.447	4032256.400	702256.200	20040.610	434.902	1184.945
σ		3134.359	76.110	778.741	418.719	56812.642	10176.104	177.073	14.092	28.142
%RSD		1.887	1.467	1.555	1.035	1.409	1.449	0.884	3.240	2.375

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	10:56:11	1207.864	478.133	867.214	5167.080	835.962	835.962	733.352	44.792	44.792
2	10:57:20	1125.044	454.695	867.214	5247.839	859.401	859.401	727.102	47.917	48.958
3	10:58:28	1151.609	462.507	879.715	5209.283	945.344	945.344	760.437	38.021	35.938
x		1161.506	465.112	871.381	5208.067	880.236	880.236	740.297	43.576	43.229
σ		42.287	11.934	7.217	40.393	57.590	57.590	17.719	5.059	6.650
%RSD		3.641	2.566	0.828	0.776	6.543	6.543	2.394	11.609	15.382

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	10:56:11	3755.181	187.501	779.709	125.001	312.503	6.250	362209.360	243.752	75.000
2	10:57:20	3978.679	159.376	717.206	107.813	300.003	7.813	364896.780	275.003	53.125
3	10:58:28	3833.327	171.876	789.084	126.563	239.065	6.250	359112.320	254.690	50.000
x		3855.729	172.918	762.000	119.792	283.857	6.771	362072.820	257.815	59.375
σ		113.421	14.092	39.075	10.404	39.292	0.902	2894.649	15.858	13.622
%RSD		2.942	8.149	5.128	8.685	13.842	13.323	0.799	6.151	22.942

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	10:56:11	25.000	25.000	46.875	29.688	310.941	578.137	13312.450	23508.389	868195.920
2	10:57:20	14.063	14.063	31.250	14.063	271.878	451.570	13248.328	23530.300	877221.450
3	10:58:28	17.188	17.188	26.563	15.625	304.691	425.006	13520.458	24441.203	866147.310
x		18.750	18.750	34.896	19.792	295.836	484.904	13360.412	23826.631	870521.560
σ		5.634	5.634	10.636	8.606	20.983	81.827	142.264	532.348	5891.992
%RSD		30.046	30.046	30.479	43.481	7.093	16.875	1.065	2.234	0.677

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	10:56:11	892909.400	2223.611	5322.867	776.584	667.203	1536.020	769562.390	4405.367
2	10:57:20	891086.640	1706.352	4103.714	665.641	498.446	1300.059	774081.360	4555.414
3	10:58:28	882452.780	1514.143	3941.169	560.949	485.946	1201.613	767054.640	4530.406
x		888816.270	1814.702	4455.917	667.724	550.532	1345.897	770232.800	4497.062
σ		5585.796	366.934	755.187	107.833	101.234	171.851	3561.009	80.389
%RSD		0.628	20.220	16.948	16.149	18.388	12.769	0.462	1.788

C4368-18X2 MH30Y5 11/09/2011 11:03:03 AM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	11:04:11	18720.070	21.875	1909.503	1400.069	149961980.000	3364037.200	425920.080	495857.240	80999.294
2	11:05:19	18225.681	16.146	1932.943	1436.010	151467870.000	3412837.000	425786.500	497802.870	81313.572
3	11:06:28	18098.958	26.042	1795.425	1481.327	151055600.000	3410821.500	422362.060	503422.880	81429.857
x		18348.236	21.354	1879.290	1439.135	150828480.000	3395898.600	424689.550	499027.660	81247.574
σ		328.192	4.968	73.569	40.719	778212.050	27611.143	2016.767	3928.715	222.739
%RSD		1.789	23.267	3.915	2.829	0.516	0.813	0.475	0.787	0.274

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	11:04:11	731034.650	17798.581	221524.660	1038155.500	7887056.100	39418.371	659831.760	126112.010	2822.154
2	11:05:19	745563.640	18105.216	222086.410	1049453.500	7978416.400	40139.124	665841.830	125224.570	2856.536
3	11:06:28	738777.480	17879.932	221654.780	1057486.500	8020291.300	39689.432	655746.840	126878.130	2889.355
x		738458.590	17927.910	221755.280	1048365.200	7961921.300	39748.976	660473.480	126071.570	2856.015
σ		7269.742	158.848	294.050	9711.359	68132.033	364.047	5077.995	827.520	33.603
%RSD		0.984	0.886	0.133	0.926	0.856	0.916	0.769	0.656	1.177

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	11:04:11	155437.930	3947.420	45271.620	94508.459	3309186.700	1649829.500	43140.039	446.882	915.654
2	11:05:19	158734.830	3938.043	46604.019	94959.875	3333537.100	1647585.000	43334.376	485.946	950.032
3	11:06:28	158287.720	4194.366	46839.161	95205.250	3362871.900	1657107.100	43331.241	431.257	976.596
x		157486.830	4026.610	46238.267	94891.195	3335198.500	1651507.200	43268.552	454.695	947.427
σ		1788.421	145.357	845.356	353.436	26881.123	4977.797	111.307	28.169	30.554
%RSD		1.136	3.610	1.828	0.372	0.806	0.301	0.257	6.195	3.225

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	11:04:11	1926.692	820.336	1375.066	9334.299	770.333	770.333	760.958	41.667	45.313
2	11:05:19	1984.513	779.709	1364.128	9443.224	823.461	823.461	749.499	45.313	45.313
3	11:06:28	2061.086	768.771	1382.879	9332.735	831.274	831.274	712.518	43.750	42.708
x		1990.764	789.605	1374.024	9370.086	808.356	808.356	740.991	43.576	44.445
σ		67.415	27.170	9.419	63.344	33.160	33.160	25.316	1.829	1.504
%RSD		3.386	3.441	0.686	0.676	4.102	4.102	3.416	4.197	3.383

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	11:04:11	3022.195	179.689	645.327	129.688	295.316	12.500	359195.620	237.502	6259.183
2	11:05:19	3045.637	178.126	709.393	125.001	293.753	6.250	363747.720	257.815	6313.895
3	11:06:28	2875.289	165.626	692.204	162.501	289.065	4.688	363258.950	265.627	6453.020
x		2981.040	174.480	682.308	139.063	292.711	7.813	362067.430	253.648	6342.033
σ		92.330	7.708	33.159	20.433	3.253	4.134	2499.036	14.518	99.935
%RSD		3.097	4.418	4.860	14.693	1.111	52.915	0.690	5.724	1.576

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	11:04:11	23.438	23.438	6105.992	14.063	240.627	760.958	13737.852	23973.223	858338.710
2	11:05:19	12.500	12.500	6337.343	18.750	268.753	746.895	13905.202	24433.377	860324.870
3	11:06:28	20.313	20.313	5965.308	14.063	257.815	765.646	13819.181	24577.373	859943.540
x		18.750	18.750	6136.214	15.625	255.731	757.833	13820.745	24327.991	859535.700
σ		5.634	5.634	187.850	2.706	14.178	9.758	83.686	315.561	1054.021
%RSD		30.046	30.046	3.061	17.321	5.544	1.288	0.606	1.297	0.123

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	11:04:11	890260.900	1109.418	2772.144	1853.245	1461.012	3636.400	760853.030	11013.619
2	11:05:19	889838.920	1135.983	2789.335	1864.184	1632.906	3889.592	760833.270	11243.485
3	11:06:28	885212.810	1076.603	2656.497	1868.872	1521.956	3764.559	757128.380	11012.055
x		888437.540	1107.335	2739.325	1862.101	1538.625	3763.517	759604.890	11089.720
σ		2800.662	29.745	72.245	8.019	87.151	126.599	2144.745	133.167
%RSD		0.315	2.686	2.637	0.431	5.664	3.364	0.282	1.201

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	11:12:10	18258.536	33.854	1346.939	1310.998	100451440.000	1925728.700	241122.560	282130.550	248463.950
2	11:13:19	18061.410	25.000	1407.882	1320.374	101413960.000	1937524.100	240760.280	283846.860	245702.740
3	11:14:27	18435.325	29.688	1342.251	1306.310	102167510.000	1936422.000	243867.000	288195.130	249448.060
x		18251.757	29.514	1365.690	1312.560	101344300.000	1933224.900	241916.610	284724.180	247871.580
σ		187.049	4.430	36.614	7.161	860153.220	6515.250	1698.769	3126.028	1941.657
%RSD		1.025	15.009	2.681	0.546	0.849	0.337	0.702	1.098	0.783

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	11:12:10	607181.810	12319.372	212454.060	1016051.200	6589463.700	24582.069	405748.620	125339.640	2272.056
2	11:13:19	604890.750	11962.819	215700.610	1027650.900	6621767.500	24663.459	410593.510	126370.530	2243.926
3	11:14:27	613264.800	12269.329	216166.950	1036876.800	6702389.300	24995.285	417817.240	127278.540	2293.934
x		608445.780	12183.840	214773.880	1026859.600	6637873.500	24746.938	411386.460	126329.570	2269.972
σ		4327.752	193.038	2022.503	10435.365	58160.117	218.891	6073.259	970.101	25.069
%RSD		0.711	1.584	0.942	1.016	0.876	0.885	1.476	0.768	1.104

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	11:12:10	146945.640	4488.205	42577.417	30830.106	823023.770	539188.440	15642.935	475.008	556.261
2	11:13:19	151626.990	4375.670	43705.817	30977.299	820430.820	537281.060	15159.602	412.506	571.886
3	11:14:27	153094.080	4486.642	44404.843	31035.237	831995.140	541972.110	15459.923	435.944	514.072
x		150555.570	4450.172	43562.693	30947.548	825149.910	539480.540	15420.820	441.153	547.406
σ		3211.196	64.526	922.082	105.752	6068.260	2359.128	244.028	31.575	29.907
%RSD		2.133	1.450	2.117	0.342	0.735	0.437	1.582	7.157	5.463

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	11:12:10	3161.287	1465.700	1089.104	3956.798	721.893	721.893	682.829	34.375	39.583
2	11:13:19	3245.681	1481.327	1098.480	4016.190	707.830	707.830	729.185	43.229	36.458
3	11:14:27	3401.968	1468.826	1093.792	4081.833	723.456	723.456	713.559	38.542	30.729
x		3269.645	1471.951	1093.792	4018.274	717.726	717.726	708.525	38.715	35.590
σ		122.117	8.269	4.688	62.544	8.606	8.606	23.585	4.430	4.490
%RSD		3.735	0.562	0.429	1.556	1.199	1.199	3.329	11.442	12.617

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	11:12:10	1778.236	676.579	928.155	459.382	1087.541	12.500	361429.030	240.627	485.946
2	11:13:19	1740.731	670.328	939.093	484.383	1020.349	6.250	364976.920	215.627	415.631
3	11:14:27	1728.230	718.768	915.654	442.194	1078.166	3.125	367376.320	234.377	417.194
x		1749.065	688.558	927.634	461.987	1062.019	7.292	364594.090	230.210	439.590
σ		26.024	26.348	11.728	21.215	36.390	4.774	2992.069	13.011	40.153
%RSD		1.488	3.827	1.264	4.592	3.427	65.465	0.821	5.652	9.134

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	11:12:10	14.063	14.063	467.195	23.438	137.501	518.759	15295.684	26897.172	857544.650
2	11:13:19	6.250	6.250	393.755	15.625	126.563	562.511	15459.923	27459.177	866882.120
3	11:14:27	4.688	4.688	407.818	21.875	140.626	596.887	15707.068	27437.260	873422.380
x		8.333	8.333	422.923	20.313	134.896	559.386	15487.558	27264.537	865949.720
σ		5.023	5.023	38.980	4.134	7.384	39.158	207.079	318.336	7979.830
%RSD		60.273	60.273	9.217	20.352	5.474	7.000	1.337	1.168	0.922

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	11:12:10	894127.460	892.215	2257.991	2250.177	1786.049	4178.736	766454.960	7955.339
2	11:13:19	890184.480	957.845	2042.334	2168.915	1789.175	4441.315	772782.550	8130.438
3	11:14:27	903674.420	828.149	2054.835	2120.470	1915.753	4405.367	775342.380	7708.329
x		895995.450	892.736	2118.387	2179.854	1830.326	4341.806	771526.630	7931.369
σ		6936.257	64.849	121.062	65.542	73.999	142.362	4574.883	212.073
%RSD		0.774	7.264	5.715	3.007	4.043	3.279	0.593	2.674

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	11:20:11	18364.922	16.146	1911.065	1150.046	132284500.000	4049696.800	508140.250	595469.570	24222.080
2	11:21:19	18410.293	25.000	2076.713	1131.295	134054760.000	4085311.300	512298.950	596137.190	24297.207
3	11:22:27	18411.857	24.479	2073.588	1198.488	135839710.000	4107521.900	512072.290	598979.000	23826.102
x		18395.691	21.875	2020.456	1159.943	134059660.000	4080843.300	510837.160	596861.920	24115.130
σ		26.658	4.968	94.748	34.672	1777610.900	29170.287	2338.346	1863.583	253.108
%RSD		0.145	22.713	4.689	2.989	1.326	0.715	0.458	0.312	1.050

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	11:20:11	808759.930	12274.021	281141.020	983804.110	5057649.600	49330.338	820146.410	127472.450	1545.396
2	11:21:19	808928.450	12616.506	281859.660	1012432.300	5108148.400	49916.744	829274.860	127029.460	1567.274
3	11:22:27	816038.060	12715.031	284323.390	1015307.200	5137247.100	49830.506	834873.160	129115.230	1565.711
x		811242.150	12535.186	282441.350	1003847.900	5101015.100	49692.529	828098.150	127872.380	1559.460
σ		4154.239	231.479	1669.027	17417.824	40275.351	316.617	7433.559	1098.890	12.205
%RSD		0.512	1.847	0.591	1.735	0.790	0.637	0.898	0.859	0.783

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	11:20:11	128680.080	4195.929	38478.313	46928.516	1507725.100	821183.190	23463.002	478.133	926.593
2	11:21:19	133827.040	4211.558	40189.264	48119.970	1516575.300	829991.290	23724.371	478.133	851.588
3	11:22:27	136412.260	4289.707	41290.837	48682.809	1514695.300	832559.450	23452.047	462.507	971.908
x		132973.130	4232.398	39986.138	47910.432	1512998.600	827911.310	23546.473	472.925	916.696
σ		3936.183	50.242	1417.222	895.721	4662.677	5966.537	154.161	9.021	60.768
%RSD		2.960	1.187	3.544	1.870	0.308	0.721	0.655	1.908	6.629

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	11:20:11	2004.828	937.531	829.712	7284.669	692.204	692.204	732.310	39.063	36.979
2	11:21:19	2232.987	920.342	809.398	7380.031	735.956	735.956	773.458	46.875	42.188
3	11:22:27	2148.599	945.344	825.024	7432.662	800.022	800.022	742.207	46.354	45.833
x		2128.805	934.406	821.378	7365.787	742.728	742.728	749.325	44.097	41.667
σ		115.360	12.790	10.636	75.018	54.227	54.227	21.478	4.368	4.450
%RSD		5.419	1.369	1.295	1.018	7.301	7.301	2.866	9.905	10.680

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	11:20:11	3333.201	218.752	807.835	148.438	301.566	4.688	369442.660	251.565	48.438
2	11:21:19	3394.153	257.815	768.771	142.188	362.505	10.938	372784.050	262.502	51.563
3	11:22:27	3394.153	240.627	723.456	151.563	296.878	14.063	375045.210	254.690	25.000
x		3373.836	239.065	766.687	147.397	320.316	9.896	372423.970	256.252	41.667
σ		35.191	19.578	42.228	4.774	36.611	4.774	2818.581	5.634	14.518
%RSD		1.043	8.190	5.508	3.239	11.430	48.238	0.757	2.199	34.843

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	11:20:11	26.563	26.563	26.563	25.000	145.313	571.886	16739.489	29871.824	890566.600
2	11:21:19	18.750	18.750	42.188	15.625	148.438	640.639	16991.349	30773.735	909740.270
3	11:22:27	18.750	18.750	28.125	10.938	140.626	554.698	17204.103	29815.456	907782.360
x		21.354	21.354	32.292	17.188	144.792	589.075	16978.314	30153.672	902696.410
σ		4.511	4.511	8.606	7.160	3.932	45.476	232.581	537.730	10550.240
%RSD		21.123	21.123	26.650	41.660	2.716	7.720	1.370	1.783	1.169

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	11:20:11	914585.430	739.082	1567.274	675.016	595.325	1437.572	782775.490	16195.112
2	11:21:19	933753.730	656.265	1579.775	696.892	564.074	1420.383	801080.810	16568.978
3	11:22:27	935775.090	578.137	1536.020	687.517	557.823	1354.752	805452.570	16985.091
x		928038.090	657.828	1561.023	686.475	572.407	1404.236	796436.290	16583.060
σ		11694.094	80.484	22.537	10.975	20.092	43.708	12030.844	395.178
%RSD		1.260	12.235	1.444	1.599	3.510	3.113	1.511	2.383

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	11:28:11	18450.970	21.875	2229.862	1220.365	149311110.000	3487511.200	435143.450	507161.040	59239.761
2	11:29:20	18565.180	18.229	2345.505	1300.059	151195090.000	3531982.000	440997.030	517288.060	60210.996
3	11:30:28	18433.760	18.229	2415.829	1256.305	151049540.000	3523016.400	436075.930	513437.180	59843.833
x		18483.304	19.444	2330.399	1258.910	150518580.000	3514169.900	437405.470	512628.760	59764.863
σ		71.428	2.105	93.900	39.911	1048231.600	23518.296	3145.131	5111.678	490.410
%RSD		0.386	10.825	4.029	3.170	0.696	0.669	0.719	0.997	0.821

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	11:28:11	668171.930	14807.670	298559.430	1046689.500	7197783.800	39329.063	650916.080	128598.090	1892.313
2	11:29:20	686285.400	15453.667	301345.140	1058877.900	7241817.400	39329.063	659573.350	128490.880	1912.628
3	11:30:28	678472.010	15048.547	300236.220	1061089.500	7234702.400	39667.497	658597.010	127735.720	1832.930
x		677643.110	15103.295	300046.930	1055552.300	7224767.900	39441.874	656362.150	128274.900	1879.290
σ		9085.138	326.459	1402.467	7754.681	23638.121	195.395	4741.626	470.010	41.414
%RSD		1.341	2.162	0.467	0.735	0.327	0.495	0.722	0.366	2.204

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	11:28:11	123782.400	3797.380	36839.627	41964.671	2478564.400	723571.860	20433.353	503.134	768.771
2	11:29:20	128181.880	3889.592	38611.484	42229.512	2470534.600	724251.930	20239.327	610.951	812.523
3	11:30:28	129443.170	3905.221	39101.878	41753.115	2483238.100	731677.260	20582.003	568.761	775.021
x		127135.820	3864.064	38184.330	41982.433	2477445.700	726500.350	20418.228	560.949	785.438
σ		2971.831	58.277	1190.080	238.695	6425.192	4496.211	171.838	54.331	23.663
%RSD		2.338	1.508	3.117	0.569	0.259	0.619	0.842	9.686	3.013

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	11:28:11	1486.015	556.261	726.581	4102.151	682.829	682.829	717.206	47.396	48.958
2	11:29:20	1495.391	604.700	728.144	4102.151	675.016	675.016	705.226	38.542	43.229
3	11:30:28	1586.026	571.886	725.018	4114.655	734.394	734.394	750.020	34.375	41.146
x		1522.477	577.616	726.581	4106.319	697.413	697.413	724.150	40.104	44.445
σ		55.234	24.723	1.563	7.219	32.264	32.264	23.190	6.650	4.046
%RSD		3.628	4.280	0.215	0.176	4.626	4.626	3.202	16.581	9.102

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	11:28:11	3128.468	143.751	657.828	110.938	209.377	9.375	374995.500	231.252	32.813
2	11:29:20	3265.998	145.313	712.518	103.125	176.564	7.813	374761.350	223.439	18.750
3	11:30:28	3439.477	125.001	617.201	101.563	179.689	17.188	372610.870	267.190	39.063
x		3277.981	138.022	662.515	105.209	188.543	11.458	374122.570	240.627	30.208
σ		155.850	11.304	47.831	5.023	18.110	5.023	1314.398	23.334	10.404
%RSD		4.754	8.190	7.220	4.774	9.605	43.835	0.351	9.697	34.440

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	11:28:11	21.875	21.875	28.125	7.813	162.501	523.447	14236.778	25031.286	912195.930
2	11:29:20	12.500	12.500	28.125	7.813	154.688	501.571	14332.186	25457.037	905492.080
3	11:30:28	29.688	29.688	21.875	12.500	182.814	481.258	14319.673	25147.114	894863.670
x		21.354	21.354	26.042	9.375	166.668	502.092	14296.212	25211.812	904183.900
σ		8.606	8.606	3.608	2.706	14.518	21.099	51.850	220.126	8739.870
%RSD		40.299	40.299	13.856	28.868	8.711	4.202	0.363	0.873	0.967

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	11:28:11	937628.380	535.948	1404.757	793.772	609.388	1514.143	807130.940	8021.001
2	11:29:20	933583.770	525.010	1359.440	717.206	614.076	1654.783	808128.790	7716.146
3	11:30:28	927889.530	620.326	1368.816	764.083	662.515	1534.457	802430.020	7872.481
x		933033.890	560.428	1377.671	758.354	628.660	1567.795	805896.580	7869.876
σ		4892.658	52.161	23.921	38.603	29.413	76.016	3043.309	152.444
%RSD		0.524	9.307	1.736	5.090	4.679	4.849	0.378	1.937

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	11:36:11	18222.552	30978.865	4953.984	968.783	30536479.000	23093506.000	3176835.600	3669478.600	5144242.700
2	11:37:19	18037.943	31397.486	5129.046	1103.168	30782025.000	23576093.000	3238216.600	3768209.600	5281550.700
3	11:38:28	17612.413	31153.724	5124.356	1042.226	30679171.000	23480330.000	3252021.600	3760579.100	5263455.700
x		17957.636	31176.692	5069.129	1038.059	30665892.000	23383310.000	3222358.000	3732755.800	5229749.700
σ		312.897	210.253	99.746	67.289	123310.800	255503.920	40023.222	54932.302	74601.911
%RSD		1.742	0.674	1.968	6.482	0.402	1.093	1.242	1.472	1.426

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	11:36:11	58692.195	269884.840	65005.376	395140.210	17636202.000	76845.190	1270264.800	124162.230	40408.632
2	11:37:19	61532.233	275907.640	65636.377	390769.290	17872814.000	78271.652	1298634.600	124061.360	41375.456
3	11:38:28	60829.232	272566.290	65300.467	386476.730	17925582.000	78408.336	1301555.200	125615.480	41511.788
x		60351.220	272786.260	65314.073	390795.410	17811533.000	77841.726	1290151.500	124613.030	41098.625
σ		1479.130	3017.419	315.720	4331.798	154115.740	865.728	17284.184	869.615	601.427
%RSD		2.451	1.106	0.483	1.108	0.865	1.112	1.340	0.698	1.463

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	11:36:11	675709.660	571475.040	89699.479	2322717.500	1689475.500	39442919.000	931039.580	726192.110	156418.870
2	11:37:19	684076.910	585828.290	89296.969	2354400.100	1730436.500	40632331.000	951633.940	739866.080	160626.100
3	11:38:28	679564.320	580626.960	87298.737	2329044.200	1718147.800	40107068.000	939733.620	737203.930	160512.330
x		679783.630	579310.090	88765.062	2335387.300	1712686.600	40060773.000	940802.380	734420.710	159185.770
σ		4187.936	7266.674	1285.723	16766.721	21019.523	596056.240	10338.695	7249.420	2396.883
%RSD		0.616	1.254	1.448	0.718	1.227	1.488	1.099	0.987	1.506

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	11:36:11	798173.070	390355.070	306161.560	137616.430	8061.649	8061.649	25543.128	10672.735	45.313
2	11:37:19	816851.370	399494.770	312424.680	139182.010	8196.101	8196.101	26206.307	10801.478	47.917
3	11:38:28	813357.090	396773.620	310122.190	138549.870	8010.058	8010.058	26335.189	10692.542	36.979
x		809460.510	395541.150	309569.480	138449.440	8089.269	8089.269	26028.208	10722.252	43.403
σ		9930.116	4692.845	3167.930	787.606	96.048	96.048	425.005	69.323	5.713
%RSD		1.227	1.186	1.023	0.569	1.187	1.187	1.633	0.647	13.164

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	11:36:11	143750.880	252469.200	275552.450	162211.050	414640.740	6.250	370580.950	17171.251	797478.010
2	11:37:19	146456.280	260406.660	281483.600	168388.160	425910.420	10.938	363951.240	17282.322	799229.770
3	11:38:28	146348.940	258398.810	279174.890	166483.210	430084.280	9.375	368296.440	17025.765	803136.880
x		145518.700	257091.560	278736.980	165694.140	423545.150	8.854	367609.540	17159.779	799948.220
σ		1531.915	4127.047	2989.728	3163.250	7988.844	2.387	3367.808	128.663	2897.037
%RSD		1.053	1.605	1.073	1.909	1.886	26.956	0.916	0.750	0.362

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	11:36:11	12488.269	12488.269	775907.810	192252.170	535197.170	814256.200	723778.840	1274922.300	869989.300
2	11:37:19	12944.925	12944.925	787767.080	195940.850	541122.030	824848.040	737697.190	1307097.300	862641.300
3	11:38:28	12738.489	12738.489	786585.840	194502.640	536277.190	821722.270	726923.240	1291554.200	864918.290
x		12723.894	12723.894	783420.240	194231.890	537532.130	820275.510	729466.420	1291191.300	865849.630
σ		228.678	228.678	6532.715	1859.182	3155.494	5442.113	7299.379	16090.545	3761.490
%RSD		1.797	1.797	0.834	0.957	0.587	0.663	1.001	1.246	0.434

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	11:36:11	901654.130	1278271.400	3375152.300	1053985.200	976349.060	2294668.400	790966.490	5843407.000
2	11:37:19	888549.770	1294367.500	3415574.100	1070220.300	984471.230	2294347.400	769336.640	5817344.600
3	11:38:28	890872.310	1282986.000	3348447.300	1054270.800	977259.850	2278000.900	766606.520	5816235.500
x		893692.070	1285208.300	3379724.600	1059492.100	979360.050	2289005.600	775636.550	5825662.400
σ		6992.450	8274.957	33796.165	9291.997	4449.780	9531.649	13346.111	15377.311
%RSD		0.782	0.644	1.000	0.877	0.454	0.416	1.721	0.264

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	11:44:08	18319.551	23.438	128.126	737.519	270958.000	4889.899	643.765	684.391	1778.236
2	11:45:17	18533.890	29.688	98.438	787.522	298112.750	10134.844	1453.199	1517.268	2944.053
3	11:46:25	18189.698	35.938	93.750	785.959	291819.160	8954.368	1181.299	1378.192	2643.995
x		18347.713	29.688	106.771	770.333	286963.300	7993.037	1092.754	1193.284	2455.428
σ		173.816	6.250	18.641	28.429	14213.713	2751.450	411.918	446.166	605.352
%RSD		0.947	21.053	17.459	3.690	4.953	34.423	37.695	37.390	24.654

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	11:44:08	2075.151	1575.087	37879.842	378784.130	333256.340	26.563	1418.821	125356.980	17.188
2	11:45:17	2075.151	1570.399	38229.208	380324.250	339550.410	68.750	1842.306	126108.860	25.000
3	11:46:25	2168.915	1556.335	37696.545	378963.800	337955.440	40.625	1767.297	125984.330	31.250
x		2106.405	1567.274	37935.199	379357.390	336920.730	45.313	1676.141	125816.720	24.479
σ		54.135	9.759	270.612	842.126	3272.127	21.481	225.980	402.993	7.046
%RSD		2.570	0.623	0.713	0.222	0.971	47.406	13.482	0.320	28.782

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	11:44:08	51412.660	1137.545	17515.419	6490.537	865.651	101750.130	3441.039	123.438	200.001
2	11:45:17	51640.041	1231.303	17042.973	7361.271	1479.764	109116.700	3655.155	328.129	253.127
3	11:46:25	50967.319	1312.560	16803.627	7056.430	1411.007	107329.810	3500.429	312.503	203.126
x		51340.007	1227.136	17120.673	6969.413	1252.141	106065.550	3532.208	254.690	218.752
σ		342.195	87.582	362.201	441.841	336.471	3842.570	110.539	113.936	29.811
%RSD		0.667	7.137	2.116	6.340	26.872	3.623	3.129	44.735	13.628

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	11:44:08	359.380	117.188	143.751	1015.140	329.691	329.691	746.374	40.104	38.542
2	11:45:17	573.449	212.502	225.002	1066.186	310.941	310.941	772.417	35.938	40.104
3	11:46:25	525.010	198.439	173.439	1037.538	356.254	356.254	761.479	32.813	33.333
x		485.946	176.043	180.730	1039.621	332.296	332.296	760.090	36.285	37.326
σ		112.254	51.452	41.113	25.586	22.769	22.769	13.077	3.658	3.545
%RSD		23.100	29.227	22.748	2.461	6.852	6.852	1.720	10.082	9.498

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	11:44:08	360.942	693.767	717.206	453.132	1121.919	14.063	378102.360	221.877	109.375
2	11:45:17	342.192	625.014	584.387	375.005	929.718	4.688	381535.600	198.439	293.753
3	11:46:25	292.190	435.944	467.195	301.566	637.514	10.938	380186.270	209.377	253.127
x		331.775	584.908	589.596	376.568	896.384	9.896	379941.410	209.897	218.752
σ		35.540	133.508	125.087	75.795	243.917	4.774	1729.669	11.728	96.876
%RSD		10.712	22.826	21.216	20.128	27.211	48.238	0.455	5.587	44.286

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	11:44:08	1.563	1.563	140.626	35.938	525.010	1526.644	107.813	176.564	882485.990
2	11:45:17	3.125	3.125	323.441	67.188	525.010	1371.941	306.253	489.071	897877.020
3	11:46:25	1.563	1.563	242.190	64.063	493.759	1068.790	231.252	429.694	880794.030
x		2.083	2.083	235.419	55.729	514.593	1322.458	215.106	365.109	887052.350
σ		0.902	0.902	91.596	17.211	18.043	232.903	100.201	165.963	9412.536
%RSD		43.301	43.301	38.908	30.884	3.506	17.611	46.582	45.456	1.061

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	11:44:08	910360.800	695.329	1832.930	203.126	198.439	487.508	808019.750	887.528
2	11:45:17	922766.920	1117.231	2758.079	512.509	437.507	1089.104	820571.370	1975.137
3	11:46:25	914735.210	1109.418	2440.834	426.569	350.004	857.838	813986.800	1645.407
x		915954.310	973.993	2343.947	380.735	328.650	811.484	814192.640	1502.691
σ		6292.265	241.361	470.123	159.703	120.956	303.465	6278.337	557.673
%RSD		0.687	24.781	20.057	41.946	36.804	37.396	0.771	37.112

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	11:52:06	18399.341	19.271	2247.052	1103.168	131461970.000	3645765.500	455817.110	533763.760	52375.524
2	11:53:14	18649.665	20.313	2278.307	1250.055	133269650.000	3698368.000	461812.950	540072.470	53910.907
3	11:54:22	18402.470	28.646	2420.517	1126.607	134481890.000	3743394.900	467992.040	546396.900	53685.059
x		18483.826	22.743	2315.292	1159.943	133071170.000	3695842.800	461874.030	540077.710	53323.830
σ		143.630	5.138	92.458	78.914	1519712.500	48863.661	6087.698	6316.574	828.984
%RSD		0.777	22.593	3.993	6.803	1.142	1.322	1.318	1.170	1.555

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	11:52:06	863380.910	16276.455	268673.260	873533.570	5791649.400	41094.960	679999.960	125101.630	2354.882
2	11:53:14	869969.390	16690.995	270399.120	894870.320	5896523.800	40549.656	684304.630	127475.600	2286.120
3	11:54:22	888915.240	17205.667	273255.840	903963.770	5915225.400	41861.243	685122.130	127429.880	2167.352
x		874088.510	16724.372	270776.070	890789.220	5867799.500	41168.620	683142.240	126669.040	2269.451
σ		13256.163	465.505	2314.426	15620.203	66607.592	658.889	2751.821	1357.609	94.870
%RSD		1.517	2.783	0.855	1.754	1.135	1.600	0.403	1.072	4.180

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	11:52:06	96771.975	4316.277	27668.957	26090.992	3815348.700	452537.140	14463.568	546.885	1042.226
2	11:53:14	99863.454	4322.529	28993.454	27058.414	3865715.100	458128.370	14343.134	528.135	1045.351
3	11:54:22	102226.960	4420.997	29918.797	27033.366	3876255.700	461808.110	14469.824	562.511	1115.669
x		99620.796	4353.267	28860.403	26727.591	3852439.800	457491.200	14425.509	545.844	1067.748
σ		2735.576	58.738	1130.806	551.453	32551.339	4668.211	71.407	17.212	41.530
%RSD		2.746	1.349	3.918	2.063	0.845	1.020	0.495	3.153	3.889

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	11:52:06	1554.772	690.642	2223.611	3443.644	475.008	475.008	734.915	27.604	35.938
2	11:53:14	1564.148	581.262	2223.611	3482.716	520.322	520.322	727.102	40.625	31.771
3	11:54:22	1496.953	553.136	2343.942	3551.483	453.132	453.132	760.958	31.771	31.771
x		1538.625	608.346	2263.721	3492.615	482.821	482.821	740.991	33.333	33.160
σ		36.391	72.644	69.474	54.597	34.269	34.269	17.727	6.650	2.406
%RSD		2.365	11.941	3.069	1.563	7.098	7.098	2.392	19.949	7.255

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	11:52:06	3522.309	237.502	770.333	160.938	393.755	1.563	364510.550	254.690	1210.989
2	11:53:14	3537.938	226.564	773.458	160.938	378.130	4.688	369415.400	256.252	1323.499
3	11:54:22	3492.614	217.189	793.772	154.688	345.317	4.688	372322.230	250.002	1192.237
x		3517.621	227.085	779.188	158.855	372.401	3.646	368749.390	253.648	1242.242
σ		23.023	10.166	12.727	3.608	24.722	1.804	3948.201	3.253	70.993
%RSD		0.654	4.477	1.633	2.272	6.639	49.487	1.071	1.282	5.715

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	11:52:06	34.375	34.375	1240.679	29.688	325.004	545.323	14266.495	25765.402	888219.200
2	11:53:14	20.313	20.313	1201.613	23.438	293.753	520.322	14840.517	25652.699	894363.440
3	11:54:22	21.875	21.875	1103.168	28.125	278.128	554.698	14605.900	26089.426	898304.220
x		25.521	25.521	1181.820	27.083	298.961	540.114	14570.971	25835.842	893628.960
σ		7.708	7.708	70.860	3.253	23.868	17.770	288.601	226.725	5082.474
%RSD		30.201	30.201	5.996	12.010	7.984	3.290	1.981	0.878	0.569

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	11:52:06	914385.740	918.780	2150.162	454.695	403.131	951.594	786067.840	5938.734
2	11:53:14	924941.650	698.455	1864.184	440.632	396.881	909.404	795754.530	5909.034
3	11:54:22	925394.620	703.142	1795.425	426.569	398.443	910.967	802008.890	5898.092
x		921574.000	773.459	1936.590	440.632	399.485	923.988	794610.420	5915.287
σ		6229.336	125.873	188.126	14.063	3.253	23.920	8031.878	21.030
%RSD		0.676	16.274	9.714	3.192	0.814	2.589	1.011	0.356

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	12:00:03	18621.504	36.458	1873.560	1640.719	151881020.000	3401289.900	424412.120	501508.850	79409.154
2	12:01:12	18665.311	21.875	1895.438	1678.224	151218340.000	3429795.300	425498.410	508166.140	80526.319
3	12:02:21	18635.585	20.833	1811.052	1739.168	153723580.000	3477453.300	435604.050	512985.440	81454.999
x		18640.800	26.389	1860.017	1686.037	152274310.000	3436179.500	428504.860	507553.480	80463.491
σ		22.364	8.736	43.793	49.687	1298101.200	38480.980	6172.022	5762.772	1024.369
%RSD		0.120	33.105	2.354	2.947	0.852	1.120	1.440	1.135	1.273

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	12:00:03	721226.360	17892.448	218981.210	1024388.000	7898510.500	40004.371	670721.720	128134.580	2631.492
2	12:01:12	745797.240	17991.009	221915.020	1041871.300	8007570.200	40287.979	671964.040	129134.150	2683.064
3	12:02:21	756059.900	18081.748	223528.960	1058229.200	8123425.500	41237.558	681985.060	126466.690	2683.064
x		741027.830	17988.402	221475.060	1041496.200	8009835.400	40509.970	674890.270	127911.810	2665.874
σ		17899.844	94.677	2305.576	16923.755	112474.600	645.869	6175.584	1347.609	29.775
%RSD		2.416	0.526	1.041	1.625	1.404	1.594	0.915	1.054	1.117

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	12:00:03	110883.350	3711.420	31074.385	92328.649	3268080.700	1602875.300	42005.415	406.256	915.654
2	12:01:12	116472.880	3744.241	32676.391	93426.376	3307533.500	1621415.400	42771.747	446.882	942.219
3	12:02:21	119492.980	3741.115	33205.734	95118.739	3365693.500	1651166.900	42531.970	460.945	907.841
x		115616.400	3732.258	32318.837	93624.588	3313769.200	1625152.500	42436.377	438.028	921.905
σ		4368.248	18.114	1109.751	1405.566	49104.249	24361.732	392.007	28.399	18.021
%RSD		3.778	0.485	3.434	1.501	1.482	1.499	0.924	6.483	1.955

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	12:00:03	1407.882	514.072	1065.665	7984.522	589.075	589.075	720.852	41.667	39.583
2	12:01:12	1446.948	565.636	1039.100	8068.945	600.013	600.013	731.790	44.792	36.458
3	12:02:21	1439.135	567.199	1120.356	8220.594	548.448	548.448	723.456	38.542	45.313
x		1431.322	548.969	1075.041	8091.354	579.178	579.178	725.366	41.667	40.451
σ		20.672	30.232	41.431	119.620	27.169	27.169	5.714	3.125	4.490
%RSD		1.444	5.507	3.854	1.478	4.691	4.691	0.788	7.500	11.101

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	12:00:03	2850.284	173.439	584.387	106.250	267.190	14.063	369708.790	243.752	53.125
2	12:01:12	2983.124	171.876	606.263	110.938	268.753	10.938	372269.320	260.940	59.375
3	12:02:21	3009.692	168.751	637.514	87.500	254.690	6.250	365701.340	235.939	54.688
x		2947.700	171.355	609.388	101.563	263.544	10.417	369226.480	246.877	55.729
σ		85.404	2.387	26.701	12.402	7.708	3.932	3310.444	12.790	3.253
%RSD		2.897	1.393	4.382	12.211	2.925	37.749	0.897	5.181	5.836

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	12:00:03	18.750	18.750	50.000	15.625	171.876	548.448	13877.049	24480.332	882620.490
2	12:01:12	17.188	17.188	56.250	21.875	215.627	534.385	13848.897	24583.634	888931.850
3	12:02:21	10.938	10.938	35.938	9.375	198.439	550.011	14307.161	24330.076	871124.170
x		15.625	15.625	47.396	15.625	195.314	544.281	14011.036	24464.681	880892.170
σ		4.134	4.134	10.404	6.250	22.042	8.606	256.838	127.502	9028.772
%RSD		26.458	26.458	21.951	40.000	11.285	1.581	1.833	0.521	1.025

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	12:00:03	911375.670	534.385	1340.688	848.463	681.266	1846.994	778898.520	11934.671
2	12:01:12	921772.920	515.634	1182.862	840.650	684.391	1731.355	787961.770	11712.612
3	12:02:21	901313.290	482.821	1168.798	829.712	721.893	1757.921	776496.340	11593.765
x		911487.290	510.947	1230.782	839.608	695.850	1778.757	781118.880	11747.016
σ		10230.271	26.100	95.440	9.419	22.608	60.570	6046.610	173.037
%RSD		1.122	5.108	7.754	1.122	3.249	3.405	0.774	1.473

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	12:08:02	18546.406	30.208	1182.862	1384.442	99153020.000	1897372.200	237835.330	278622.070	140577.350
2	12:09:10	18385.261	20.833	1268.806	1306.310	99884706.000	1898077.200	235549.480	279147.810	142245.300
3	12:10:19	18546.406	22.917	1259.431	1200.050	100029920.000	1890114.300	236877.420	277965.720	139431.830
x		18492.691	24.653	1237.033	1296.934	99689215.000	1895187.900	236754.080	278578.530	140751.490
σ		93.037	4.923	47.147	92.553	470000.740	4407.974	1147.903	592.247	1414.797
%RSD		0.503	19.968	3.811	7.136	0.471	0.233	0.485	0.213	1.005

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	12:08:02	570997.110	12930.850	208696.150	1006868.300	6548271.700	24564.852	401879.020	127905.980	1593.839
2	12:09:10	573959.210	13321.834	208635.910	1020190.500	6547930.300	24031.133	402152.170	126709.450	1645.407
3	12:10:19	565490.690	13079.422	210470.330	1024398.000	6541872.600	24049.914	401813.140	127086.220	1681.349
x		570149.000	13110.702	209267.460	1017152.300	6546024.900	24215.300	401948.110	127233.880	1640.198
σ		4297.488	197.360	1042.152	9151.262	3599.998	302.867	179.765	611.780	43.987
%RSD		0.754	1.505	0.498	0.900	0.055	1.251	0.045	0.481	2.682

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	12:08:02	110648.730	3658.281	30779.999	20458.389	822618.590	355002.110	11073.040	368.755	596.887
2	12:09:10	114072.380	3833.327	31822.905	20461.518	816052.940	351286.940	10997.982	367.192	567.199
3	12:10:19	116676.090	3789.565	33066.349	20614.863	812299.390	349255.220	10764.992	323.441	562.511
x		113799.070	3760.391	31889.751	20511.590	816990.300	351848.090	10945.338	353.129	575.532
σ		3022.960	91.097	1144.640	89.451	5223.072	2914.250	160.630	25.723	18.642
%RSD		2.656	2.423	3.589	0.436	0.639	0.828	1.468	7.284	3.239

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	12:08:02	1775.110	768.771	1248.492	2995.627	575.012	575.012	709.913	40.104	39.583
2	12:09:10	1778.236	725.018	1314.123	3050.326	560.949	560.949	754.187	35.938	45.313
3	12:10:19	1843.869	807.835	1365.690	3038.865	571.886	571.886	715.122	43.229	33.854
x		1799.072	767.208	1309.435	3028.272	569.282	569.282	726.407	39.757	39.583
σ		38.827	41.431	58.740	28.847	7.384	7.384	24.198	3.658	5.729
%RSD		2.158	5.400	4.486	0.953	1.297	1.297	3.331	9.201	14.474

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	12:08:02	1673.536	487.508	865.651	367.192	876.589	9.375	369888.340	245.315	78.125
2	12:09:10	1715.728	532.822	809.398	348.442	821.899	4.688	369604.580	237.502	70.313
3	12:10:19	1736.043	556.261	873.464	360.942	853.150	12.500	368472.770	246.877	56.250
x		1708.436	525.531	849.504	358.859	850.546	8.854	369321.900	243.231	68.229
σ		31.885	34.951	34.952	9.547	27.438	3.932	748.927	5.023	11.085
%RSD		1.866	6.651	4.114	2.660	3.226	44.411	0.203	2.065	16.247

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	12:08:02	10.938	10.938	85.938	14.063	240.627	515.634	11193.446	19924.823	890207.740
2	12:09:10	18.750	18.750	53.125	12.500	171.876	523.447	11079.295	19682.299	894689.170
3	12:10:19	14.063	14.063	45.313	21.875	182.814	446.882	11001.109	19632.231	893389.630
x		14.583	14.583	61.458	16.146	198.439	495.321	11091.283	19746.451	892762.180
σ		3.932	3.932	21.557	5.023	36.943	42.131	96.727	156.490	2305.663
%RSD		26.964	26.964	35.075	31.109	18.617	8.506	0.872	0.792	0.258

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	12:08:02	917283.240	425.006	1068.790	1214.114	990.659	2608.051	789355.980	6870.402
2	12:09:10	910159.500	406.256	978.158	1159.422	979.721	2392.388	799181.880	6521.801
3	12:10:19	920953.790	360.942	921.905	1220.365	990.659	2400.202	799125.740	6867.275
x		916132.180	397.401	989.618	1197.967	987.013	2466.880	795887.870	6753.159
σ		5488.429	32.937	74.110	33.527	6.315	122.320	5656.854	200.368
%RSD		0.599	8.288	7.489	2.799	0.640	4.958	0.711	2.967

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	12:16:02	18163.102	16.146	164.063	721.893	5435972.200	148270.160	19827.813	23173.468	2114.219
2	12:17:10	17984.751	13.542	142.188	840.650	5434305.600	146151.620	20001.492	23722.806	2104.843
3	12:18:20	18524.503	18.750	107.813	835.962	5456458.500	148619.070	19967.069	23592.903	2104.843
x		18224.118	16.146	138.022	799.502	5442245.400	147680.280	19932.125	23496.392	2107.968
σ		275.000	2.604	28.356	67.252	12337.040	1335.306	91.962	287.104	5.413
%RSD		1.509	16.129	20.544	8.412	0.227	0.904	0.461	1.222	0.257

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	12:16:02	33313.798	1922.004	47050.792	412862.200	509452.970	1909.503	33453.186	124578.330	79.688
2	12:17:10	33116.465	1900.126	46934.787	412662.810	511638.400	1931.381	33470.414	126919.120	95.313
3	12:18:20	33138.391	1950.133	47599.480	410775.190	508507.670	1920.442	33443.789	126140.390	70.313
x		33189.551	1924.088	47195.020	412100.070	509866.350	1920.442	33455.796	125879.280	81.771
σ		108.158	25.068	355.043	1151.701	1605.782	10.939	13.503	1192.035	12.630
%RSD		0.326	1.303	0.752	0.279	0.315	0.570	0.040	0.947	15.445

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	12:16:02	54395.551	1139.108	17976.929	7742.723	60245.516	126413.100	4009.938	57.813	223.439
2	12:17:10	52813.068	1193.800	17510.725	7820.890	59872.076	126379.990	4136.536	54.688	175.001
3	12:18:20	50600.393	1104.730	16761.390	8221.115	59933.269	126630.630	4172.484	71.875	206.251
x		52603.004	1145.879	17416.348	7928.243	60016.954	126474.570	4106.319	61.458	201.564
σ		1906.280	44.919	613.241	256.628	200.292	136.162	85.382	9.155	24.557
%RSD		3.624	3.920	3.521	3.237	0.334	0.108	2.079	14.897	12.183

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	12:16:02	381.255	132.813	8444.683	1271.932	357.817	357.817	719.289	34.896	39.063
2	12:17:10	410.943	151.563	8469.698	1227.657	343.754	343.754	729.706	35.417	41.146
3	12:18:20	359.380	148.438	8504.093	1172.444	326.566	326.566	747.936	35.938	42.708
x		383.859	144.272	8472.824	1224.011	342.712	342.712	732.310	35.417	40.972
σ		25.880	10.046	29.828	49.844	15.651	15.651	14.500	0.521	1.829
%RSD		6.742	6.963	0.352	4.072	4.567	4.567	1.980	1.471	4.464

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	12:16:02	173.439	62.500	84.375	40.625	65.625	10.938	379902.300	203.126	21.875
2	12:17:10	157.813	34.375	79.688	48.438	87.500	15.625	380542.450	201.564	31.250
3	12:18:20	171.876	42.188	59.375	59.375	67.188	7.813	380168.630	184.376	43.750
x		167.709	46.354	74.479	49.479	73.438	11.458	380204.460	196.356	32.292
σ		8.606	14.518	13.289	9.418	12.204	3.932	321.571	10.404	10.975
%RSD		5.131	31.320	17.842	19.035	16.618	34.317	0.085	5.298	33.986

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	12:16:02	1.563	1.563	17.188	3.125	70.313	115.625	626.576	1104.730	887682.650
2	12:17:10	1.563	1.563	29.688	4.688	81.250	112.500	689.079	1198.488	897632.670
3	12:18:20	1.563	1.563	26.563	1.563	64.063	81.250	587.512	1193.800	899895.130
x		1.563	1.563	24.479	3.125	71.875	103.125	634.389	1165.673	895070.150
σ		0.000	0.000	6.505	1.563	8.700	19.009	51.232	52.830	6497.000
%RSD		0.000	0.000	26.574	50.000	12.104	18.433	8.076	4.532	0.726

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	12:16:02	925527.850	326.566	873.464	104.688	78.125	212.502	829221.920	668.766
2	12:17:10	922743.610	364.067	815.648	109.375	95.313	195.314	826904.130	659.390
3	12:18:20	928502.490	318.754	743.769	104.688	92.188	189.064	827913.260	734.394
x		925591.320	336.462	810.961	106.250	88.542	198.960	828013.100	687.517
σ		2879.967	24.224	64.974	2.706	9.155	12.137	1162.116	40.867
%RSD		0.311	7.199	8.012	2.547	10.340	6.100	0.140	5.944

C4368-16X50 MH30Y3 11/09/2011 12:22:53 PM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	12:24:02	18136.505	16.667	151.563	742.207	6148829.000	129280.780	17357.413	21201.659	3608.268
2	12:25:10	18224.117	14.583	143.751	814.086	6140639.900	130964.760	17577.995	21002.928	3717.671
3	12:26:19	18247.584	17.708	101.563	785.959	6052983.200	128862.960	17304.224	20685.277	3537.938
x		18202.735	16.319	132.292	780.751	6114150.700	129702.830	17413.211	20963.288	3621.292
σ		58.545	1.591	26.898	36.221	53130.593	1112.649	145.164	260.463	90.572
%RSD		0.322	9.750	20.332	4.639	0.869	0.858	0.834	1.242	2.501

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	12:24:02	28969.969	2142.348	48812.940	405065.580	580651.360	1539.145	26720.278	124114.950	106.250
2	12:25:10	28957.444	2123.595	48706.327	405162.010	580444.770	1503.204	26947.266	124091.310	98.438
3	12:26:19	28979.363	2014.205	48723.573	407122.840	579584.310	1517.268	26559.040	127068.880	101.563
x		28968.926	2093.383	48747.613	405783.480	580226.810	1519.873	26742.195	125091.710	102.084
σ		10.997	69.208	57.228	1160.923	565.930	18.112	195.039	1712.314	3.932
%RSD		0.038	3.306	0.117	0.286	0.098	1.192	0.729	1.369	3.852

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	12:24:02	44339.014	1157.859	14704.439	7398.791	95430.181	119779.740	3930.228	51.563	189.064
2	12:25:10	43356.317	1156.297	14746.670	7648.922	95976.007	120826.000	4003.686	50.000	207.814
3	12:26:19	42431.672	1117.231	13953.686	7370.651	93564.778	121552.430	4166.232	60.938	182.814
x		43375.668	1143.796	14468.265	7472.788	94990.322	120719.390	4033.382	54.167	193.230
σ		953.818	23.019	446.138	153.184	1264.363	891.141	120.772	5.916	13.011
%RSD		2.199	2.013	3.084	2.050	1.331	0.738	2.994	10.921	6.733

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	12:24:02	298.441	109.375	126.563	940.656	265.627	265.627	744.811	29.167	46.354
2	12:25:10	284.378	89.063	154.688	877.631	271.878	271.878	691.163	30.208	31.771
3	12:26:19	310.941	90.625	143.751	896.382	246.877	246.877	720.331	36.979	41.667
x		297.920	96.354	141.667	904.890	261.461	261.461	718.768	32.118	39.931
σ		13.289	11.303	14.178	32.362	13.011	13.011	26.858	4.242	7.445
%RSD		4.461	11.731	10.008	3.576	4.976	4.976	3.737	13.207	18.645

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	12:24:02	154.688	46.875	71.875	48.438	67.188	17.188	377284.280	218.752	25.000
2	12:25:10	176.564	20.313	71.875	43.750	71.875	7.813	376742.120	218.752	17.188
3	12:26:19	137.501	53.125	50.000	37.500	64.063	3.125	378747.230	175.001	23.438
x		156.251	40.104	64.583	43.229	67.708	9.375	377591.210	204.168	21.875
σ		19.578	17.423	12.630	5.487	3.932	7.160	1037.195	25.259	4.134
%RSD		12.530	43.443	19.555	12.694	5.808	76.376	0.275	12.372	18.898

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	12:24:02	4.688	4.688	10.938	3.125	64.063	101.563	612.513	1045.351	886299.020
2	12:25:10	0.000	0.000	20.313	6.250	62.500	87.500	654.703	1068.790	878300.440
3	12:26:19	0.000	0.000	15.625	4.688	71.875	89.063	567.199	1131.295	883829.410
x		1.563	1.563	15.625	4.688	66.146	92.709	611.471	1081.812	882809.620
σ		2.706	2.706	4.688	1.563	5.023	7.708	43.761	44.427	4095.647
%RSD		173.205	173.205	30.000	33.333	7.593	8.314	7.157	4.107	0.464

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	12:24:02	901411.380	373.442	776.584	89.063	48.438	164.063	810952.570	354.692
2	12:25:10	897571.170	298.441	812.523	76.563	57.813	151.563	805650.800	317.191
3	12:26:19	915409.200	325.004	817.211	59.375	59.375	131.251	822387.060	317.191
x		904797.250	332.296	802.106	75.000	55.208	148.959	812996.810	329.691
σ		9388.661	38.029	22.227	14.905	5.916	16.561	8553.353	21.651
%RSD		1.038	11.444	2.771	19.874	10.715	11.118	1.052	6.567

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	12:32:01	18379.002	13.542	110.938	790.647	5508800.200	128689.540	17659.346	20527.237	3578.573
2	12:33:10	18233.504	15.104	143.751	750.020	5589547.100	130466.480	17947.204	20478.730	3605.142
3	12:34:18	17908.092	13.542	107.813	762.520	5588366.900	126928.570	17535.756	20614.863	3634.837
x		18173.533	14.063	120.834	767.729	5562238.100	128694.860	17714.102	20540.277	3606.184
σ		241.115	0.902	19.908	20.808	46282.279	1768.960	211.119	68.997	28.147
%RSD		1.327	6.415	16.476	2.710	0.832	1.375	1.192	0.336	0.781

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	12:32:01	35553.562	2214.234	47395.680	404053.130	529743.180	1490.703	27153.907	124173.270	118.750
2	12:33:10	35635.015	2276.744	47596.345	405994.530	531005.980	1518.831	27070.937	123654.740	137.501
3	12:34:18	35434.517	2267.367	46647.912	404856.660	532387.230	1590.714	27236.877	124160.660	109.375
x		35541.031	2252.782	47213.312	404968.100	531045.460	1533.416	27153.907	123996.220	121.876
σ		100.835	33.711	499.825	975.483	1322.470	51.576	82.970	295.801	14.321
%RSD		0.284	1.496	1.059	0.241	0.249	3.363	0.306	0.239	11.750

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	12:32:01	38959.302	1068.790	12738.489	7606.712	146945.640	122954.990	4045.885	50.000	192.189
2	12:33:10	38486.147	1037.538	12699.392	7644.232	148134.380	123087.370	3995.871	39.063	192.189
3	12:34:18	38542.548	1137.545	12291.223	7756.793	147231.370	123372.630	3969.301	60.938	212.502
x		38662.666	1081.291	12576.368	7669.246	147437.130	123138.330	4003.686	50.000	198.960
σ		258.438	51.162	247.716	78.104	620.509	213.432	38.885	10.938	11.728
%RSD		0.668	4.732	1.970	1.018	0.421	0.173	0.971	21.875	5.894

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	12:32:01	278.128	100.000	154.688	823.982	250.002	250.002	723.977	27.083	39.063
2	12:33:10	278.128	85.938	115.625	835.962	204.689	204.689	718.247	32.813	41.146
3	12:34:18	304.691	123.438	162.501	797.939	242.190	242.190	730.227	36.979	34.896
x		286.982	103.125	144.272	819.294	232.294	232.294	724.150	32.292	38.368
σ		15.336	18.944	25.114	19.440	24.223	24.223	5.992	4.968	3.182
%RSD		5.344	18.370	17.407	2.373	10.428	10.428	0.827	15.386	8.294

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	12:32:01	206.251	17.188	62.500	31.250	34.375	4.688	376910.540	214.064	3.125
2	12:33:10	195.314	35.938	45.313	50.000	51.563	4.688	375603.340	185.939	23.438
3	12:34:18	190.626	23.438	60.938	31.250	39.063	6.250	376833.550	229.689	21.875
x		197.397	25.521	56.250	37.500	41.667	5.208	376449.140	209.897	16.146
σ		8.018	9.547	9.504	10.825	8.885	0.902	733.497	22.171	11.303
%RSD		4.062	37.409	16.897	28.868	21.323	17.321	0.195	10.563	70.008

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	12:32:01	4.688	4.688	10.938	1.563	87.500	59.375	532.822	945.344	885495.150
2	12:33:10	3.125	3.125	7.813	3.125	78.125	64.063	489.071	912.529	888217.540
3	12:34:18	3.125	3.125	14.063	3.125	67.188	89.063	584.387	965.658	894119.150
x		3.646	3.646	10.938	2.604	77.604	70.834	535.427	941.177	889277.280
σ		0.902	0.902	3.125	0.902	10.166	15.960	47.711	26.808	4408.590
%RSD		24.744	24.744	28.571	34.641	13.100	22.532	8.911	2.848	0.496

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	12:32:01	911304.130	306.253	695.329	40.625	34.375	110.938	810703.050	165.626
2	12:33:10	912555.330	303.128	729.706	67.188	51.563	128.126	818276.430	181.251
3	12:34:18	922866.830	275.003	723.456	53.125	35.938	150.001	824454.390	210.939
x		915575.430	294.795	716.164	53.646	40.625	129.688	817811.290	185.939
σ		6345.450	17.212	18.312	13.289	9.504	19.578	6887.457	23.017
%RSD		0.693	5.838	2.557	24.772	23.395	15.096	0.842	12.379

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	12:40:01	18333.632	16.667	98.438	800.022	6521698.600	129110.500	17840.821	20793.247	4491.331
2	12:41:10	18047.330	17.708	92.188	779.709	6648769.200	131633.360	17853.336	20546.014	4624.186
3	12:42:18	18388.390	13.542	85.938	757.833	6452942.600	128382.100	17410.603	20394.234	4344.411
x		18256.450	15.972	92.188	779.188	6541136.800	129708.650	17701.587	20577.832	4486.642
σ		183.161	2.168	6.250	21.100	99349.872	1706.172	252.077	201.400	139.947
%RSD		1.003	13.576	6.780	2.708	1.519	1.315	1.424	0.979	3.119

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	12:40:01	30532.594	2151.725	45610.194	404271.690	619883.670	1679.786	28514.367	126819.800	126.563
2	12:41:10	31487.789	2206.420	45323.346	401671.750	625294.820	1650.095	28688.151	123530.230	118.750
3	12:42:18	30329.036	2276.744	45445.608	402986.120	617889.050	1642.282	27827.076	127172.920	110.938
x		30783.139	2211.630	45459.716	402976.520	621022.520	1657.388	28343.198	125840.980	118.750
σ		618.674	62.672	143.944	1299.997	3831.979	19.787	455.343	2008.946	7.813
%RSD		2.010	2.834	0.317	0.323	0.617	1.194	1.607	1.596	6.579

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	12:40:01	35328.003	1078.166	11603.148	9926.885	125858.230	163725.050	4780.487	64.063	173.439
2	12:41:10	34352.190	1114.106	11570.309	10162.989	128320.610	165035.310	5152.492	56.250	184.376
3	12:42:18	34388.214	1132.857	11235.667	9833.070	125673.800	164954.700	4813.311	67.188	217.189
x		34689.469	1108.376	11469.708	9974.315	126617.550	164571.680	4915.430	62.500	191.668
σ		553.280	27.792	203.349	169.996	1477.778	734.316	205.956	5.634	22.769
%RSD		1.595	2.507	1.773	1.704	1.167	0.446	4.190	9.014	11.879

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	12:40:01	281.253	129.688	231.252	982.325	231.252	231.252	733.873	29.688	31.250
2	12:41:10	351.567	100.000	193.751	969.304	193.751	193.751	712.518	40.625	38.542
3	12:42:18	278.128	103.125	215.627	894.299	185.939	185.939	734.915	32.813	36.458
x		303.649	110.938	213.543	948.643	203.647	203.647	727.102	34.375	35.417
σ		41.527	16.313	18.837	47.511	24.223	24.223	12.641	5.634	3.756
%RSD		13.676	14.705	8.821	5.008	11.895	11.895	1.739	16.389	10.605

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	12:40:01	192.189	29.688	57.813	39.063	51.563	9.375	379637.590	229.689	6.250
2	12:41:10	146.876	35.938	60.938	25.000	37.500	10.938	374745.310	201.564	21.875
3	12:42:18	160.938	35.938	43.750	21.875	26.563	4.688	390061.260	231.252	18.750
x		166.668	33.854	54.167	28.646	38.542	8.333	381481.390	220.835	15.625
σ		23.193	3.608	9.155	9.155	12.533	3.253	7822.680	16.708	8.268
%RSD		13.916	10.659	16.902	31.961	32.517	39.031	2.051	7.566	52.915

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	12:40:01	4.688	4.688	15.625	4.688	43.750	70.313	562.511	1015.661	903263.690
2	12:41:10	4.688	4.688	9.375	0.000	56.250	73.438	584.387	1098.480	887783.980
3	12:42:18	1.563	1.563	15.625	7.813	62.500	73.438	639.077	1043.788	921444.920
x		3.646	3.646	13.542	4.167	54.167	72.396	595.325	1052.643	904164.200
σ		1.804	1.804	3.608	3.932	9.547	1.804	39.437	42.113	16848.531
%RSD		49.487	49.487	26.647	94.373	17.625	2.492	6.625	4.001	1.863

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	12:40:01	937441.710	284.378	782.834	79.688	82.813	201.564	828029.060	470.320
2	12:41:10	908698.900	314.066	832.837	75.000	90.625	157.813	811585.480	525.010
3	12:42:18	947020.090	320.316	762.520	114.063	81.250	209.377	843820.310	526.572
x		931053.570	306.253	792.730	89.584	84.896	189.585	827811.620	507.301
σ		19943.286	19.201	36.188	21.329	5.023	27.791	16118.515	32.036
%RSD		2.142	6.270	4.565	23.809	5.916	14.659	1.947	6.315

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	12:48:02	18718.505	17.188	85.938	782.834	4274850.300	71963.614	10095.754	11518.704	11160.608
2	12:49:10	17947.204	16.146	85.938	829.712	4310633.700	72489.701	9783.036	11873.682	11195.010
3	12:50:19	18042.637	20.833	62.500	785.959	4345227.900	73171.288	9898.741	11548.416	11413.933
x		18236.115	18.056	78.125	799.502	4310237.300	72541.534	9925.844	11646.934	11256.517
σ		420.478	2.461	13.532	26.209	35190.462	605.503	158.111	196.931	137.407
%RSD		2.306	13.632	17.321	3.278	0.816	0.835	1.593	1.691	1.221

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	12:48:02	25644.872	1965.760	45295.132	402025.230	555515.220	968.783	17487.259	126074.180	87.500
2	12:49:10	26164.564	1995.452	45321.778	404920.940	561307.020	1004.723	17861.159	124179.570	112.500
3	12:50:19	26364.931	2097.029	45298.266	402902.560	560489.920	1009.411	18017.605	122962.870	87.500
x		26058.122	2019.414	45305.059	403282.910	559104.050	994.305	17788.674	124405.540	95.834
σ		371.643	68.837	14.564	1484.851	3134.759	22.227	272.502	1567.919	14.434
%RSD		1.426	3.409	0.032	0.368	0.561	2.235	1.532	1.260	15.061

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	12:48:02	31551.993	1123.482	10446.005	7028.291	32895.643	119300.760	3877.089	54.688	178.126
2	12:49:10	32250.425	1093.792	10222.406	6923.552	33487.641	119606.420	3898.970	56.250	181.251
3	12:50:19	31492.486	1093.792	10191.134	7195.562	33539.325	120287.100	3919.288	67.188	162.501
x		31764.968	1103.689	10286.515	7049.135	33307.536	119731.430	3898.449	59.375	173.959
σ		421.469	17.141	139.005	137.197	357.645	504.914	21.104	6.811	10.046
%RSD		1.327	1.553	1.351	1.946	1.074	0.422	0.541	11.471	5.775

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	12:48:02	426.569	167.188	229.689	643.765	190.626	190.626	716.164	28.646	36.458
2	12:49:10	384.380	181.251	170.314	644.806	206.251	206.251	682.829	39.063	38.542
3	12:50:19	370.317	132.813	228.127	702.101	157.813	157.813	712.518	34.375	29.688
x		393.755	160.418	209.377	663.557	184.897	184.897	703.837	34.028	34.896
σ		29.274	24.919	33.839	33.384	24.722	24.722	18.285	5.217	4.629
%RSD		7.435	15.534	16.162	5.031	13.371	13.371	2.598	15.332	13.266

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	12:48:02	103.125	64.063	73.438	40.625	98.438	1.563	381473.030	223.439	21.875
2	12:49:10	100.000	59.375	71.875	56.250	73.438	4.688	376727.690	195.314	12.500
3	12:50:19	104.688	42.188	54.688	59.375	78.125	9.375	375882.420	234.377	12.500
x		102.605	55.208	66.667	52.083	83.334	5.208	378027.710	217.710	15.625
σ		2.387	11.517	10.404	10.046	13.289	3.932	3013.516	20.152	5.413
%RSD		2.326	20.862	15.605	19.287	15.947	75.498	0.797	9.256	34.641

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	12:48:02	1.563	1.563	26.563	9.375	54.688	71.875	659.390	1084.416	894876.970
2	12:49:10	0.000	0.000	14.063	6.250	78.125	76.563	643.765	1193.800	886395.360
3	12:50:19	0.000	0.000	12.500	7.813	71.875	75.000	576.574	1129.732	883015.710
x		0.521	0.521	17.708	7.813	68.229	74.479	626.576	1135.983	888096.010
σ		0.902	0.902	7.708	1.563	12.137	2.387	44.002	54.959	6110.772
%RSD		173.205	173.205	43.525	20.000	17.788	3.205	7.023	4.838	0.688

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	12:48:02	925106.510	307.816	768.771	121.876	112.500	292.190	823677.040	359.380
2	12:49:10	914016.310	337.504	762.520	117.188	110.938	300.003	816515.790	406.256
3	12:50:19	907925.410	343.754	737.519	134.376	104.688	298.441	819724.780	356.254
x		915682.740	329.691	756.270	124.480	109.375	296.878	819972.540	373.963
σ		8710.931	19.201	16.537	8.885	4.134	4.134	3587.046	28.010
%RSD		0.951	5.824	2.187	7.138	3.780	1.393	0.437	7.490

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	12:56:03	18149.021	30029.967	4700.773	984.409	30524037.000	23083855.000	3148073.600	3644242.500	5100009.300
2	12:57:12	18490.083	30051.888	4986.808	1071.915	30578730.000	23029674.000	3121555.600	3674087.200	5108154.600
3	12:58:20	18507.293	30438.121	4894.588	1189.112	30346526.000	23161022.000	3172427.600	3681737.800	5138442.100
x		18382.132	30173.326	4860.723	1081.812	30483098.000	23091517.000	3147352.300	3666689.200	5115535.300
σ		202.064	229.582	145.993	102.710	121395.100	66008.054	25443.689	19812.196	20251.574
%RSD		1.099	0.761	3.004	9.494	0.398	0.286	0.808	0.540	0.396

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	12:56:03	59432.747	266691.330	60865.322	373840.820	17783073.000	77696.651	1270800.100	125927.590	39830.449
2	12:57:12	59062.466	267038.350	60865.322	374831.910	17795122.000	77446.863	1271582.500	128605.980	39883.722
3	12:58:20	58839.675	265610.530	61037.932	373670.830	17807259.000	77721.788	1272774.100	128703.730	40341.254
x		59111.629	266446.740	60922.859	374114.520	17795151.000	77621.767	1271718.900	127745.760	40018.475
σ		299.577	744.669	99.656	627.066	12093.296	151.992	994.063	1575.345	280.801
%RSD		0.507	0.279	0.164	0.168	0.068	0.196	0.078	1.233	0.702

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	12:56:03	636103.540	571260.450	77635.382	2316390.800	1657670.300	39769525.000	929471.970	728255.790	156271.960
2	12:57:12	631973.020	568500.440	76692.811	2312631.700	1634839.400	39664870.000	923489.570	723215.410	158124.990
3	12:58:20	634552.420	569656.070	77373.027	2334842.700	1631635.100	39585030.000	929065.510	723381.320	158782.220
x		634209.660	569805.650	77233.740	2321288.400	1641381.600	39673142.000	927342.350	724950.840	157726.390
σ		2086.484	1386.076	486.478	11887.879	14197.085	92525.492	3342.786	2863.370	1301.738
%RSD		0.329	0.243	0.630	0.512	0.865	0.233	0.360	0.395	0.825

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	12:56:03	777889.460	381280.490	299933.070	135617.770	7997.551	7997.551	25476.342	10667.002	38.542
2	12:57:12	772169.450	378136.050	298020.220	136263.980	7756.793	7756.793	25672.004	10657.099	42.708
3	12:58:20	777096.440	380786.320	296519.150	137007.500	7994.424	7994.424	25703.832	10718.082	40.625
x		775718.450	380067.620	298157.480	136296.410	7916.256	7916.256	25617.393	10680.727	40.625
σ		3098.996	1690.939	1711.093	695.432	138.108	138.108	123.186	32.727	2.083
%RSD		0.400	0.445	0.574	0.510	1.745	1.745	0.481	0.306	5.128

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	12:56:03	143132.210	253894.120	273830.750	163565.420	414021.600	10.938	371263.970	16949.111	792169.540
2	12:57:12	144749.960	255096.510	276331.340	161242.360	421557.570	3.125	379448.290	17229.133	792506.220
3	12:58:20	143574.120	253671.460	274861.200	163786.690	423842.450	15.625	375487.870	17158.736	785368.400
x		143818.760	254220.700	275007.760	162864.820	419807.210	9.896	375400.040	17112.327	790014.720
σ		836.158	766.600	1256.721	1409.442	5139.074	6.315	4092.864	145.666	4027.352
%RSD		0.581	0.302	0.457	0.865	1.224	63.812	1.090	0.851	0.510

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	12:56:03	12708.775	12708.775	774747.300	195185.300	540288.220	823167.650	739390.840	1302902.900	903090.750
2	12:57:12	12608.687	12608.687	775484.140	194380.690	538473.140	833117.160	739831.550	1308343.000	915006.470
3	12:58:20	12729.106	12729.106	773707.200	193276.800	532847.680	821022.790	736776.450	1303721.200	915405.870
x		12682.189	12682.189	774646.210	194280.930	537203.010	825769.200	738666.280	1304989.000	911167.700
σ		64.462	64.462	892.774	958.152	3879.473	6453.253	1651.409	2933.285	6997.690
%RSD		0.508	0.508	0.115	0.493	0.722	0.781	0.224	0.225	0.768

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	12:56:03	931354.460	1314421.000	3454805.400	1083239.400	997498.750	2341274.000	814315.710	5664418.300
2	12:57:12	931266.160	1306157.500	3427602.900	1077135.600	987768.850	2328368.000	826694.040	5604842.100
3	12:58:20	938638.460	1310205.800	3453082.000	1075576.000	992035.770	2303739.600	815100.820	5528664.900
x		933753.030	1310261.400	3445163.400	1078650.300	992434.460	2324460.500	818703.520	5599308.400
σ		4231.141	4132.028	15232.253	4050.040	4877.191	19069.856	6931.117	68045.677
%RSD		0.453	0.315	0.442	0.375	0.491	0.820	0.847	1.215

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	13:04:04	18732.586	20.833	92.188	728.144	271128.370	9586.028	1304.747	1451.636	2698.692
2	13:05:12	18967.271	42.708	65.625	764.083	277350.810	14543.337	2022.018	2376.760	3855.208
3	13:06:20	18127.118	30.208	54.688	804.710	268432.870	10719.645	1445.386	1750.107	3053.451
x		18608.992	31.250	70.834	765.646	272304.020	11616.337	1590.717	1859.501	3202.450
σ		433.498	10.975	19.285	38.307	4573.734	2597.454	380.079	472.164	592.480
%RSD		2.330	35.119	27.226	5.003	1.680	22.360	23.894	25.392	18.501

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	13:04:04	1906.377	1695.413	37881.409	375181.540	322414.890	42.188	1682.912	124947.160	26.563
2	13:05:12	2065.774	1837.618	38091.341	373680.450	327735.490	79.688	1923.567	127497.670	42.188
3	13:06:20	1868.872	1681.349	38523.748	376554.460	324454.030	65.625	1779.798	122179.630	42.188
x		1947.008	1738.127	38165.499	375138.820	324868.130	62.500	1795.426	124874.820	36.979
σ		104.550	86.449	327.528	1437.479	2684.363	18.944	121.086	2659.760	9.021
%RSD		5.370	4.974	0.858	0.383	0.826	30.311	6.744	2.130	24.395

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	13:04:04	23998.265	1068.790	8194.537	7050.177	1068.790	110828.240	4014.627	289.065	228.127
2	13:05:12	24450.594	1207.864	8069.466	7484.773	1404.757	119727.750	4211.558	431.257	237.502
3	13:06:20	23344.058	1140.670	8116.368	7211.195	1203.176	113332.140	4208.432	290.628	232.814
x		23930.972	1139.108	8126.790	7248.715	1225.574	114629.380	4144.872	336.983	232.814
σ		556.329	69.550	63.184	219.714	169.100	4589.381	112.807	81.647	4.688
%RSD		2.325	6.106	0.777	3.031	13.798	4.004	2.722	24.229	2.013

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	13:04:04	559.386	226.564	215.627	500.530	170.314	170.314	736.477	36.979	29.167
2	13:05:12	710.955	289.065	254.690	507.822	157.813	157.813	752.624	39.583	31.250
3	13:06:20	579.699	201.564	231.252	469.799	162.501	162.501	747.936	35.938	31.250
x		616.680	239.065	233.856	492.717	163.543	163.543	745.679	37.500	30.556
σ		82.274	45.070	19.661	20.179	6.315	6.315	8.307	1.878	1.203
%RSD		13.341	18.853	8.407	4.095	3.861	3.861	1.114	5.008	3.936

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	13:04:04	456.257	703.142	776.584	525.010	1176.611	3.125	377467.140	217.189	432.819
2	13:05:12	364.067	567.199	681.266	387.505	935.968	9.375	382878.640	204.689	576.574
3	13:06:20	256.252	434.382	470.320	281.253	706.267	3.125	367291.360	214.064	356.254
x		358.859	568.241	642.723	397.923	939.616	5.208	375879.050	211.981	455.216
σ		100.104	134.383	156.727	122.212	235.193	3.608	7914.058	6.505	111.854
%RSD		27.895	23.649	24.385	30.712	25.031	69.282	2.105	3.069	24.572

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	13:04:04	7.813	7.813	403.131	62.500	598.450	1812.615	245.315	473.445	879112.220
2	13:05:12	4.688	4.688	520.322	114.063	601.575	1446.948	406.256	732.831	893959.620
3	13:06:20	9.375	9.375	353.129	84.375	464.070	1082.853	300.003	573.449	853972.730
x		7.292	7.292	425.527	86.979	554.698	1447.472	317.191	593.242	875681.520
σ		2.387	2.387	85.817	25.880	78.502	364.881	81.836	130.821	20212.992
%RSD		32.733	32.733	20.167	29.754	14.152	25.208	25.800	22.052	2.308

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	13:04:04	904437.710	850.025	2272.056	495.321	425.006	984.409	814320.660	1934.506
2	13:05:12	910785.040	1146.921	2804.963	650.015	537.510	1537.583	825699.880	2801.837
3	13:06:20	873523.610	803.148	1993.889	457.820	468.758	1028.162	786658.430	1965.760
x		896248.790	933.365	2356.969	534.385	477.091	1183.385	808892.990	2234.035
σ		19934.828	186.425	412.150	101.879	56.713	307.524	20078.684	491.980
%RSD		2.224	19.973	17.486	19.065	11.887	25.987	2.482	22.022

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	13:12:02	18286.697	25.000	3858.334	1795.425	257790550.000	7978076.300	1000543.200	1174187.800	50680.363
2	13:13:10	18488.519	27.083	4074.018	1840.744	262621510.000	8106544.400	1013750.700	1195094.300	51298.188
3	13:14:18	18914.075	20.313	4031.819	1942.320	265158420.000	8155810.800	1025273.200	1209798.600	51825.084
x		18563.097	24.132	3988.057	1859.496	261856830.000	8080143.800	1013189.000	1193026.900	51267.878
σ		320.269	3.468	114.308	75.221	3742984.200	91761.291	12374.587	17895.215	572.962
%RSD		1.725	14.371	2.866	4.045	1.429	1.136	1.221	1.500	1.118

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	13:12:02	1729361.300	23088.956	517579.590	1538630.600	9644027.400	97569.560	1610771.900	127499.250	3169.102
2	13:13:10	1730204.400	23319.017	524994.490	1802292.200	9766986.700	99183.743	1640511.200	128487.730	3078.457
3	13:14:18	1747045.300	23464.567	531847.360	1849986.600	9894803.100	100952.320	1849615.700	129872.040	3148.785
x		1735537.000	23290.847	524807.150	1730303.200	9768605.700	99235.207	1700299.600	128619.670	3132.114
σ		9975.409	189.384	7135.732	167697.530	125395.660	1691.966	130163.670	1191.886	47.566
%RSD		0.575	0.813	1.360	9.692	1.284	1.705	7.655	0.927	1.519

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	13:12:02	123957.340	7320.625	32905.040	88242.006	3170927.800	1522577.100	43292.060	1143.796	1642.282
2	13:13:10	129829.470	7533.236	34433.636	88389.791	3229112.600	1547250.700	43672.904	1140.670	1721.979
3	13:14:18	133904.320	7617.656	36089.278	89484.071	3287061.300	1568546.000	44486.346	1078.166	1631.343
x		129230.380	7490.506	34475.985	88705.289	3229033.900	1546124.600	43817.104	1120.877	1665.201
σ		5000.479	153.056	1592.541	678.481	58066.785	23005.134	610.061	37.022	49.474
%RSD		3.869	2.043	4.619	0.765	1.798	1.488	1.392	3.303	2.971

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	13:12:02	4261.573	1711.040	1692.288	11571.872	482.821	482.821	743.769	41.667	35.417
2	13:13:10	4322.529	1881.374	1698.539	11833.024	537.510	537.510	749.499	38.021	38.542
3	13:14:18	4139.662	1726.667	1601.652	11981.585	539.073	539.073	732.310	53.125	40.104
x		4241.255	1773.027	1664.160	11795.494	519.801	519.801	741.860	44.271	38.021
σ		93.111	94.156	54.223	207.419	32.036	32.036	8.752	7.882	2.387
%RSD		2.195	5.310	3.258	1.758	6.163	6.163	1.180	17.803	6.278

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	13:12:02	6614.031	507.822	1653.221	360.942	862.526	7.813	366791.260	312.503	315.628
2	13:13:10	7039.234	542.198	1581.338	384.380	840.650	9.375	367626.380	279.690	207.814
3	13:14:18	6796.929	495.321	1589.151	332.816	779.709	14.063	370164.100	326.566	198.439
x		6816.731	515.113	1607.903	359.380	827.628	10.417	368193.910	306.253	240.627
σ		213.292	24.274	39.440	25.817	42.917	3.253	1756.584	24.055	65.122
%RSD		3.129	4.712	2.453	7.184	5.186	31.225	0.477	7.855	27.063

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	13:12:02	50.000	50.000	273.440	71.875	557.823	1615.716	33263.682	59024.811	888762.410
2	13:13:10	40.625	40.625	192.189	73.438	495.321	1573.524	34079.664	60090.176	899793.720
3	13:14:18	46.875	46.875	189.064	67.188	432.819	1545.396	33702.208	60620.535	895932.320
x		45.833	45.833	218.231	70.834	495.321	1578.212	33681.851	59911.841	894829.480
σ		4.774	4.774	47.838	3.253	62.502	35.394	408.372	812.672	5597.735
%RSD		10.415	10.415	21.921	4.592	12.619	2.243	1.212	1.356	0.626

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	13:12:02	914590.430	860.963	2123.595	1684.474	1368.816	3367.584	781050.430	34480.624
2	13:13:10	932677.340	526.572	1239.116	1570.399	1336.000	3283.190	792037.520	34588.698
3	13:14:18	917711.010	553.136	1328.187	1598.527	1284.433	3159.724	790981.340	34508.817
x		921659.590	646.890	1563.633	1617.800	1329.749	3270.166	788023.100	34526.046
σ		9668.382	185.868	486.982	59.430	42.537	104.540	6061.553	56.059
%RSD		1.049	28.732	31.144	3.673	3.199	3.197	0.769	0.162

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	13:19:58	18735.715	29.167	4542.910	2439.271	289343840.000	6890729.200	859432.890	1005659.300	114807.920
2	13:21:06	18662.182	21.875	4717.966	2400.202	294754220.000	6954412.200	873805.730	1026368.100	117396.010
3	13:22:14	18648.101	16.667	4558.540	2437.708	289342870.000	6870951.200	858095.010	1011653.300	115804.980
x		18681.999	22.569	4606.472	2425.727	291146980.000	6905364.200	863777.880	1014560.300	116002.970
σ		47.049	6.279	96.873	22.119	3123965.100	43612.780	8710.101	10656.027	1305.357
%RSD		0.252	27.820	2.103	0.912	1.073	0.632	1.008	1.050	1.125

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	13:19:58	1335465.200	27885.001	548242.180	1924109.300	13726200.000	75761.298	1277480.100	128596.520	3808.320
2	13:21:06	1378377.600	28437.651	553871.970	1959295.500	13926014.000	77954.299	1288241.300	129386.410	3705.168
3	13:22:14	1362768.800	28387.552	553712.850	1964325.200	13796810.000	76980.289	1266437.000	127094.100	3711.420
x		1358870.600	28236.735	551942.340	1949243.300	13816341.000	76898.629	1277386.100	128359.010	3741.636
σ		21720.149	305.639	3205.414	21911.525	101328.880	1098.779	10902.489	1164.467	57.835
%RSD		1.598	1.082	0.581	1.124	0.733	1.429	0.853	0.907	1.546

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	13:19:58	135091.990	6196.656	36654.777	75096.866	4791402.000	1313926.900	36870.958	1101.605	1375.066
2	13:21:06	140296.480	6141.945	39169.250	75648.201	4890034.100	1332529.500	37071.475	1079.728	1434.447
3	13:22:14	143866.090	6185.714	39590.721	75301.062	4800538.100	1310171.600	37641.714	1092.229	1314.123
x		139751.520	6174.772	38471.583	75348.710	4827324.700	1318876.000	37194.716	1091.188	1374.545
σ		4412.365	28.950	1587.450	278.739	54499.668	11972.415	399.884	10.975	60.164
%RSD		3.157	0.469	4.126	0.370	1.129	0.908	1.075	1.006	4.377

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	13:19:58	2887.792	1029.725	1223.490	5769.394	662.515	662.515	750.541	52.604	38.542
2	13:21:06	2715.883	1157.859	1356.314	5919.976	687.517	687.517	718.247	44.271	44.792
3	13:22:14	2656.497	1103.168	1290.683	5870.477	748.457	748.457	723.456	51.563	40.625
x		2753.391	1096.917	1290.163	5853.282	699.496	699.496	730.748	49.479	41.320
σ		120.123	64.296	66.414	76.750	44.206	44.206	17.338	4.541	3.182
%RSD		4.363	5.861	5.148	1.311	6.320	6.320	2.373	9.177	7.702

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	13:19:58	6376.423	239.065	1317.248	184.376	393.755	15.625	364935.250	318.754	125.001
2	13:21:06	6276.378	248.440	1379.754	160.938	373.442	6.250	367486.920	329.691	87.500
3	13:22:14	6402.997	195.314	1301.622	179.689	345.317	10.938	364098.680	281.253	75.000
x		6351.933	227.606	1332.875	175.001	370.838	10.938	365506.950	309.899	95.834
σ		66.767	28.356	41.344	12.402	24.324	4.688	1764.988	25.404	26.021
%RSD		1.051	12.458	3.102	7.087	6.559	42.857	0.483	8.198	27.152

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	13:19:58	34.375	34.375	87.500	32.813	379.693	1093.792	27653.301	49460.474	899905.100
2	13:21:06	29.688	29.688	64.063	43.750	345.317	1092.229	27977.369	50133.125	908016.900
3	13:22:14	40.625	40.625	64.063	26.563	314.066	1065.665	27322.979	48243.824	886858.770
x		34.896	34.896	71.875	34.375	346.358	1083.895	27651.216	49279.141	898260.260
σ		5.487	5.487	13.532	8.700	32.826	15.807	327.200	957.615	10674.536
%RSD		15.725	15.725	18.827	25.308	9.477	1.458	1.183	1.943	1.188

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	13:19:58	929576.910	340.629	876.589	1565.711	1271.932	3048.763	786882.790	15747.737
2	13:21:06	923289.760	289.065	595.325	1421.946	1085.979	3067.517	799077.860	15708.632
3	13:22:14	915578.960	251.565	537.510	1578.212	1175.048	2958.119	778344.520	15509.978
x		922815.210	293.753	669.808	1521.956	1177.653	3024.799	788101.720	15655.449
σ		7011.034	44.717	181.396	86.837	93.004	58.504	10420.280	127.490
%RSD		0.760	15.223	27.082	5.706	7.897	1.934	1.322	0.814

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	13:27:55	18394.648	21.875	4503.835	1922.004	258716180.000	7244947.300	901002.380	1070327.900	104102.930
2	13:29:02	18522.938	31.250	4653.883	1945.445	264770340.000	7384356.900	928282.620	1096753.400	106811.880
3	13:30:11	18577.697	15.625	4658.572	1959.509	263376870.000	7354133.800	921210.170	1080677.700	106415.190
x		18498.428	22.917	4605.430	1942.320	262287800.000	7327812.700	916831.730	1082586.400	105776.670
σ		93.954	7.864	88.015	18.947	3170608.700	73337.293	14157.368	13315.732	1463.005
%RSD		0.508	34.317	1.911	0.975	1.209	1.001	1.544	1.230	1.383

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	13:27:55	1854609.400	31970.108	496856.710	1388593.200	11119021.000	80892.441	1342410.600	129064.770	4477.264
2	13:29:02	1874349.700	31929.392	505390.550	1429993.900	11335785.000	82300.449	1355841.400	125741.580	4560.103
3	13:30:11	1872416.800	32270.783	501262.940	1442748.200	11312348.000	82459.173	1354511.200	129019.050	4602.304
x		1867125.300	32056.761	501170.070	1420445.100	11255718.000	81884.021	1350921.100	127941.800	4546.557
σ		10882.087	186.463	4267.682	28312.118	118961.910	862.393	7400.195	1905.583	63.611
%RSD		0.583	0.582	0.852	1.993	1.057	1.053	0.548	1.489	1.399

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	13:27:55	128583.900	7439.437	34073.399	45572.574	7474206.200	796748.310	25089.200	906.279	1943.882
2	13:29:02	134868.010	7417.550	35747.796	46290.502	7578866.800	810746.020	25900.020	929.718	1934.506
3	13:30:11	136451.690	7483.209	36390.039	45860.995	7498929.500	801739.710	24946.763	887.528	1961.072
x		133301.200	7446.732	35403.745	45908.024	7517334.200	803078.010	25311.994	907.841	1946.487
σ		4161.334	33.432	1196.028	361.267	54703.836	7094.167	514.201	21.138	13.473
%RSD		3.122	0.449	3.378	0.787	0.728	0.883	2.031	2.328	0.692

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	13:27:55	2648.683	993.785	4358.477	5757.931	581.262	581.262	706.267	45.833	29.688
2	13:29:02	2608.051	1070.353	4438.189	5929.355	695.329	695.329	747.415	55.208	43.750
3	13:30:11	2559.604	1045.351	4328.781	5974.687	654.703	654.703	668.245	44.271	42.188
x		2605.446	1036.496	4375.149	5887.324	643.765	643.765	707.309	48.438	38.542
σ		44.596	39.044	56.578	114.327	57.815	57.815	39.596	5.916	7.708
%RSD		1.712	3.767	1.293	1.942	8.981	8.981	5.598	12.213	19.998

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	13:27:55	6798.492	217.189	1346.939	139.063	329.691	6.250	365634.030	317.191	2367.384
2	13:29:02	7139.284	164.063	1382.879	145.313	287.503	7.813	358079.050	270.315	2426.769
3	13:30:11	6912.610	204.689	1425.071	182.814	326.566	6.250	366690.280	306.253	2386.137
x		6950.128	195.314	1384.963	155.730	314.587	6.771	363467.780	297.920	2393.430
σ		173.466	27.776	39.108	23.662	23.507	0.902	4696.570	24.524	30.357
%RSD		2.496	14.221	2.824	15.194	7.472	13.323	1.292	8.232	1.268

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	13:27:55	43.750	43.750	2318.938	25.000	315.628	392.193	28226.295	50333.829	891623.310
2	13:29:02	40.625	40.625	2282.995	9.375	306.253	356.254	28944.919	50511.015	879806.170
3	13:30:11	42.188	42.188	2206.420	18.750	339.067	417.194	28652.142	50330.693	892490.660
x		42.188	42.188	2269.451	17.708	320.316	388.547	28607.785	50391.846	887973.380
σ		1.563	1.563	57.469	7.864	16.901	30.633	361.359	103.216	7086.292
%RSD		3.704	3.704	2.532	44.411	5.276	7.884	1.263	0.205	0.798

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	13:27:55	923622.790	279.690	587.512	684.391	523.447	1425.071	782501.710	10607.061
2	13:29:02	911215.950	229.689	495.321	637.514	556.261	1392.255	775906.160	10854.122
3	13:30:11	922460.550	220.314	543.760	656.265	543.760	1376.629	792124.980	10750.919
x		919099.760	243.231	542.198	659.390	541.156	1397.985	783510.950	10737.367
σ		6852.269	31.920	46.115	23.594	16.561	24.724	8156.379	124.086
%RSD		0.746	13.124	8.505	3.578	3.060	1.769	1.041	1.156

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	13:35:51	18752.925	28.125	3631.712	4916.471	298484110.000	6649778.300	829963.160	978082.110	154051.160
2	13:37:00	18558.922	18.750	3928.665	5052.456	300081000.000	6726587.100	839006.650	985039.730	153574.190
3	13:38:08	18494.777	30.729	3723.923	4925.849	295934600.000	6667858.600	838759.970	979323.940	153428.890
x		18602.208	25.868	3761.433	4964.925	298166570.000	6681408.000	835909.920	980815.260	153684.740
σ		134.408	6.300	151.989	75.949	2091355.600	40157.050	5151.528	3710.817	325.533
%RSD		0.723	24.356	4.041	1.530	0.701	0.601	0.616	0.378	0.212

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	13:35:51	1442117.100	33305.967	394157.360	1911909.900	15411481.000	79351.020	1311846.600	127445.650	5236.897
2	13:37:00	1431537.600	33545.590	397433.780	1942838.500	15493645.000	81019.722	1324796.600	129550.390	5088.406
3	13:38:08	1435680.300	33307.534	397971.890	1958744.000	15411041.000	78497.889	1302325.500	127057.840	4989.934
x		1436445.000	33386.363	396521.010	1937830.800	15438723.000	79622.877	1312989.600	128017.960	5105.079
σ		5331.039	137.896	2064.590	23815.219	47564.945	1282.708	11279.030	1341.214	124.323
%RSD		0.371	0.413	0.521	1.229	0.308	1.611	0.859	1.048	2.435

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	13:35:51	154752.430	6040.339	38622.451	174025.430	6374375.000	3216286.300	79222.183	775.021	1581.338
2	13:37:00	162552.400	6084.108	41920.792	174322.770	6391230.100	3259761.900	79286.601	798.460	1562.586
3	13:38:08	167257.810	6176.335	43119.665	173392.800	6380428.400	3232335.300	78912.664	790.647	1554.772
x		161520.880	6100.261	41220.970	173913.670	6382011.100	3236127.800	79140.483	788.043	1566.232
σ		6316.183	69.422	2328.851	474.949	8538.282	21984.543	199.908	11.934	13.653
%RSD		3.910	1.138	5.650	0.273	0.134	0.679	0.253	1.514	0.872

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	13:35:51	2443.959	907.841	1975.137	14408.825	748.457	748.457	743.249	48.438	42.188
2	13:37:00	2447.085	931.280	2050.147	14660.644	750.020	750.020	704.184	35.938	46.354
3	13:38:08	2508.033	898.466	2048.584	15035.512	840.650	840.650	725.539	46.875	35.938
x		2466.359	912.529	2024.623	14701.661	779.709	779.709	724.324	43.750	41.493
σ		36.124	16.902	42.863	315.350	52.782	52.782	19.561	6.811	5.243
%RSD		1.465	1.852	2.117	2.145	6.769	6.769	2.701	15.568	12.636

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	13:35:51	5418.215	206.251	1039.100	157.813	287.503	9.375	363592.270	346.879	115.625
2	13:37:00	5718.332	150.001	1026.599	114.063	295.316	3.125	369998.970	275.003	65.625
3	13:38:08	5754.284	196.876	1101.605	126.563	304.691	10.938	359059.450	296.878	64.063
x		5630.277	184.376	1055.768	132.813	295.836	7.813	364216.900	306.253	81.771
σ		184.529	30.137	40.185	22.535	8.606	4.134	5496.441	36.844	29.329
%RSD		3.277	16.345	3.806	16.967	2.909	52.915	1.509	12.031	35.867

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	13:35:51	40.625	40.625	57.813	15.625	228.127	753.145	27604.770	48505.646	893205.180
2	13:37:00	46.875	46.875	43.750	25.000	235.939	832.837	27416.909	49037.143	898606.760
3	13:38:08	25.000	25.000	45.313	21.875	225.002	831.274	27348.027	48403.739	882678.610
x		37.500	37.500	48.958	20.833	229.689	805.752	27456.569	48648.843	891496.850
σ		11.267	11.267	7.708	4.774	5.634	45.566	132.887	340.117	8100.326
%RSD		30.046	30.046	15.743	22.913	2.453	5.655	0.484	0.699	0.909

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	13:35:51	930103.320	162.501	493.759	1537.583	1254.743	3284.753	789176.120	23322.147
2	13:37:00	929870.100	184.376	415.631	1625.092	1364.128	3255.058	790255.270	23112.431
3	13:38:08	902769.830	153.126	425.006	1540.708	1328.187	3186.293	766906.370	22930.889
x		920914.420	166.668	444.799	1567.794	1315.686	3242.035	782112.590	23121.822
σ		15714.108	16.036	42.659	49.646	55.754	50.505	13180.022	195.798
%RSD		1.706	9.622	9.591	3.167	4.238	1.558	1.685	0.847

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	13:43:49	18352.406	23.958	2567.418	3614.520	194171820.000	3705983.400	458104.170	538460.170	272386.340
2	13:44:57	18588.648	31.771	2412.704	3853.645	194222600.000	3705248.700	460109.280	542098.650	274283.050
3	13:46:05	18355.535	34.896	2476.777	3906.784	194581130.000	3730497.500	460510.980	539141.400	278599.770
x		18432.196	30.208	2485.633	3791.650	194325180.000	3713909.800	459574.810	539900.070	275089.720
σ		135.501	5.634	77.736	155.683	223105.380	14370.007	1289.349	1934.253	3184.288
%RSD		0.735	18.649	3.127	4.106	0.115	0.387	0.281	0.358	1.158

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	13:43:49	1114140.200	20963.808	368309.260	1829602.900	12242329.000	46895.596	774800.050	124728.070	3256.621
2	13:44:57	1133942.200	20979.456	369239.060	1854509.000	12277507.000	46196.448	777299.220	124972.380	3183.167
3	13:46:05	1144387.200	21351.882	370183.340	1871936.600	12307047.000	46262.286	778199.420	125175.710	3283.190
x		1130823.200	21098.382	369243.890	1852016.200	12275628.000	46451.443	776766.230	124958.720	3240.993
σ		15362.804	219.677	937.049	21276.677	32399.777	386.053	1761.251	224.132	51.810
%RSD		1.359	1.041	0.254	1.149	0.264	0.831	0.227	0.179	1.599

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	13:43:49	154152.240	6454.583	39861.786	33714.737	1562225.100	586430.380	18136.505	645.327	907.841
2	13:44:57	160088.870	6409.250	41452.240	33772.686	1570345.700	591409.130	17803.274	671.891	1045.351
3	13:46:05	165182.300	6482.721	43401.767	33554.987	1568845.000	589883.910	18181.875	704.705	964.095
x		159807.810	6448.851	41571.931	33680.803	1567138.600	589241.140	18040.552	673.974	972.429
σ		5520.402	37.069	1773.023	112.747	4320.858	2550.858	206.737	29.744	69.132
%RSD		3.454	0.575	4.265	0.335	0.276	0.433	1.146	4.413	7.109

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	13:43:49	3267.561	1365.690	2128.284	4711.714	685.954	685.954	708.872	44.271	39.063
2	13:44:57	3126.905	1373.504	2197.044	4915.429	753.145	753.145	755.228	46.875	43.750
3	13:46:05	3100.336	1409.445	2076.713	4935.748	831.274	831.274	688.558	52.083	40.625
x		3164.934	1382.879	2134.014	4854.297	756.791	756.791	717.553	47.743	41.146
σ		89.865	23.335	60.370	123.898	72.729	72.729	34.172	3.978	2.387
%RSD		2.839	1.687	2.829	2.552	9.610	9.610	4.762	8.332	5.801

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	13:43:49	3148.785	946.906	1484.452	596.887	1595.402	14.063	358708.610	243.752	76.563
2	13:44:57	3331.638	985.972	1623.530	626.576	1707.915	10.938	360716.030	296.878	60.938
3	13:46:05	3225.364	925.030	1529.769	685.954	1562.586	7.813	361380.960	248.440	56.250
x		3235.262	952.636	1545.917	636.473	1621.967	10.938	360268.540	263.023	64.583
σ		91.828	30.872	70.931	45.350	76.220	3.125	1391.242	29.413	10.636
%RSD		2.838	3.241	4.588	7.125	4.699	28.571	0.386	11.183	16.468

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	13:43:49	9.375	9.375	68.750	21.875	245.315	765.646	21286.159	37926.841	867130.940
2	13:44:57	18.750	18.750	48.438	29.688	217.189	898.466	21865.158	38414.078	871572.170
3	13:46:05	17.188	17.188	35.938	20.313	210.939	800.022	21473.940	38154.008	861276.600
x		15.104	15.104	51.042	23.958	224.481	821.378	21541.752	38164.976	866659.900
σ		5.023	5.023	16.561	5.023	18.311	68.937	295.396	243.803	5163.919
%RSD		33.254	33.254	32.445	20.964	8.157	8.393	1.371	0.639	0.596

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	13:43:49	894419.950	190.626	434.382	2112.656	1807.927	4530.406	771757.430	13403.160
2	13:44:57	899401.380	181.251	514.072	2203.295	1796.988	4585.111	767069.470	12959.000
3	13:46:05	899024.010	170.314	389.068	2287.683	1904.815	4464.760	770943.310	13137.288
x		897615.110	180.730	445.840	2201.211	1836.577	4526.759	769923.400	13166.483
σ		2773.521	10.166	63.285	87.532	59.348	60.258	2504.874	223.514
%RSD		0.309	5.625	14.195	3.977	3.231	1.331	0.325	1.698

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	13:51:48	17898.706	11.979	273.440	867.214	10660678.000	292366.110	39805.379	46834.458	3156.599
2	13:52:57	17828.305	16.667	251.565	862.526	10751984.000	296345.290	40454.073	48295.561	3175.353
3	13:54:05	17851.772	17.188	251.565	809.398	10814352.000	296638.790	40054.512	47110.363	3367.584
x		17859.594	15.278	258.857	846.379	10742338.000	295116.730	40104.654	47413.461	3233.179
σ		35.846	2.869	12.630	32.112	77289.688	2386.621	327.241	776.277	116.776
%RSD		0.201	18.776	4.879	3.794	0.719	0.809	0.816	1.637	3.612

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	13:51:48	64937.883	2414.267	56588.420	442733.910	681572.290	3737.989	65173.326	120071.240	146.876
2	13:52:57	65176.466	2334.566	56657.442	437884.710	678922.350	3870.837	65276.923	121535.100	142.188
3	13:54:05	64671.051	2512.721	56015.857	434599.130	680383.200	3923.976	66664.559	121689.530	140.626
x		64928.467	2420.518	56420.573	438405.910	680292.620	3844.267	65704.936	121098.620	143.230
σ		252.839	89.242	352.189	4092.359	1327.291	95.798	832.670	893.087	3.253
%RSD		0.389	3.687	0.624	0.933	0.195	2.492	1.267	0.737	2.271

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	13:51:48	56417.433	1287.558	18870.267	9399.967	118383.800	149176.390	5043.078	51.563	215.627
2	13:52:57	54955.501	1325.061	17987.880	9514.105	119108.540	149337.440	4983.682	87.500	214.064
3	13:54:05	52936.962	1225.053	17535.756	9684.532	120283.950	148784.840	4905.530	76.563	217.189
x		54769.965	1279.224	18131.301	9532.868	119258.770	149099.560	4977.430	71.875	215.627
σ		1747.637	50.523	678.717	143.207	958.941	284.198	68.987	18.422	1.563
%RSD		3.191	3.949	3.743	1.502	0.804	0.191	1.386	25.630	0.725

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	13:51:48	345.317	171.876	229.689	1580.817	373.442	373.442	701.059	38.021	36.979
2	13:52:57	393.755	196.876	246.877	1526.644	326.566	326.566	705.226	31.250	34.896
3	13:54:05	384.380	214.064	223.439	1481.848	392.193	392.193	715.122	37.500	36.458
x		374.484	194.272	233.335	1529.770	364.067	364.067	707.136	35.590	36.111
σ		25.691	21.214	12.137	49.558	33.803	33.803	7.223	3.768	1.084
%RSD		6.860	10.920	5.201	3.240	9.285	9.285	1.022	10.587	3.002

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	13:51:48	296.878	43.750	114.063	68.750	71.875	6.250	368181.020	193.751	25.000
2	13:52:57	296.878	42.188	106.250	62.500	57.813	4.688	367563.860	210.939	28.125
3	13:54:05	373.442	35.938	123.438	50.000	78.125	9.375	369703.980	253.127	18.750
x		322.400	40.625	114.584	60.417	69.271	6.771	368482.950	219.273	23.958
σ		44.204	4.134	8.606	9.547	10.404	2.387	1101.541	30.553	4.774
%RSD		13.711	10.176	7.510	15.802	15.019	35.251	0.299	13.934	19.924

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	13:51:48	1.563	1.563	18.750	0.000	87.500	89.063	1292.246	2303.311	868399.960
2	13:52:57	9.375	9.375	18.750	7.813	82.813	103.125	1371.941	2442.396	872337.120
3	13:54:05	3.125	3.125	34.375	1.563	50.000	98.438	1367.253	2429.894	874046.370
x		4.688	4.688	23.958	3.125	73.438	96.875	1343.813	2391.867	871594.480
σ		4.134	4.134	9.021	4.134	20.432	7.160	44.720	76.946	2895.531
%RSD		88.192	88.192	37.653	132.288	27.823	7.391	3.328	3.217	0.332

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	13:51:48	904835.170	182.814	435.944	118.750	92.188	206.251	810056.970	1250.055
2	13:52:57	907261.740	192.189	368.755	95.313	76.563	167.188	810177.590	1362.565
3	13:54:05	907429.730	160.938	415.631	106.250	68.750	196.876	818691.410	1354.752
x		906508.880	178.647	406.777	106.771	79.167	190.105	812975.320	1322.457
σ		1451.906	16.036	34.459	11.728	11.934	20.393	4950.645	62.824
%RSD		0.160	8.977	8.471	10.984	15.074	10.727	0.609	4.751

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	13:59:47	17764.163	13.542	221.877	804.710	11728459.000	248893.200	33735.098	40720.453	5982.502
2	14:00:56	17695.328	16.146	268.753	859.401	11822620.000	251720.210	34128.217	40178.296	5694.885
3	14:02:04	18031.685	22.396	242.190	764.083	11668748.000	247475.130	34724.965	39915.060	5752.721
x		17830.392	17.361	244.273	809.398	11739942.000	249362.850	34196.093	40271.269	5810.036
σ		177.690	4.550	23.507	47.832	77576.142	2161.160	498.412	410.667	152.134
%RSD		0.997	26.211	9.623	5.910	0.661	0.867	1.458	1.020	2.618

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	13:59:47	53957.959	2595.548	56993.149	422053.130	814279.340	2992.501	50898.324	120484.070	162.501
2	14:00:56	53936.001	2545.539	57026.092	423243.840	817436.590	3045.637	51271.530	119581.210	159.376
3	14:02:04	53550.179	2608.051	56906.868	423623.600	809840.510	2989.375	50547.080	120706.240	137.501
x		53814.713	2583.046	56975.370	422973.520	813852.150	3009.171	50905.644	120257.170	153.126
σ		229.356	33.078	61.568	819.389	3816.016	31.619	362.280	595.845	13.622
%RSD		0.426	1.281	0.108	0.194	0.469	1.051	0.712	0.495	8.896

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	13:59:47	45397.017	1151.609	14748.234	9337.426	176252.480	141639.320	4530.406	78.125	176.564
2	14:00:56	44456.566	1103.168	14391.621	9165.439	176708.060	141135.940	4677.328	93.750	210.939
3	14:02:04	43129.068	1140.670	14449.491	8998.145	175670.380	141101.220	4616.371	75.000	195.314
x		44327.550	1131.816	14529.782	9167.003	176210.310	141292.160	4608.035	82.292	194.272
σ		1139.465	25.406	191.385	169.645	520.124	301.150	73.815	10.046	17.211
%RSD		2.571	2.245	1.317	1.851	0.295	0.213	1.602	12.207	8.859

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	13:59:47	320.316	134.376	167.188	1091.708	306.253	306.253	690.642	33.854	41.667
2	14:00:56	395.318	131.251	193.751	1060.977	276.565	276.565	701.580	33.854	39.063
3	14:02:04	326.566	142.188	157.813	1072.436	275.003	275.003	697.413	33.854	41.667
x		347.400	135.938	172.918	1075.041	285.940	285.940	696.545	33.854	40.799
σ		41.616	5.634	18.641	15.530	17.609	17.609	5.520	0.000	1.504
%RSD		11.979	4.144	10.781	1.445	6.158	6.158	0.793	0.000	3.685

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	13:59:47	281.253	31.250	81.250	59.375	60.938	4.688	368408.650	212.502	26.563
2	14:00:56	281.253	34.375	107.813	37.500	45.313	6.250	365808.730	181.251	28.125
3	14:02:04	265.627	37.500	103.125	37.500	64.063	4.688	370758.920	198.439	32.813
x		276.044	34.375	97.396	44.792	56.771	5.208	368325.430	197.397	29.167
σ		9.021	3.125	14.178	12.630	10.046	0.902	2476.144	15.651	3.253
%RSD		3.268	9.091	14.557	28.196	17.695	17.321	0.672	7.929	11.152

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	13:59:47	0.000	0.000	18.750	0.000	70.313	76.563	1157.859	2073.588	876203.950
2	14:00:56	3.125	3.125	7.813	1.563	53.125	100.000	1084.416	2067.337	866623.360
3	14:02:04	3.125	3.125	14.063	3.125	68.750	109.375	1012.536	1945.445	882236.920
x		2.083	2.083	13.542	1.563	64.063	95.313	1084.937	2028.790	875021.410
σ		1.804	1.804	5.487	1.563	9.504	16.901	72.663	72.247	7873.665
%RSD		86.603	86.603	40.522	100.000	14.836	17.732	6.697	3.561	0.900

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	13:59:47	902540.360	173.439	410.943	115.625	96.875	221.877	806973.990	635.952
2	14:00:56	893648.870	200.001	379.693	120.313	82.813	243.752	801118.790	651.577
3	14:02:04	909041.580	173.439	412.506	103.125	101.563	292.190	812724.110	657.828
x		901743.600	182.293	401.047	113.021	93.750	252.606	806938.970	648.452
σ		7727.228	15.336	18.510	8.885	9.758	35.983	5802.741	11.268
%RSD		0.857	8.413	4.615	7.861	10.408	14.245	0.719	1.738

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	14:07:46	18210.036	20.313	232.814	804.710	10600985.000	263213.650	35962.396	42378.389	5294.731
2	14:08:55	17969.107	16.667	231.252	817.211	10689183.000	266307.710	36546.688	41949.000	5304.110
3	14:10:03	17645.266	14.583	196.876	800.022	10879045.000	270666.610	36850.593	43589.839	5496.370
x		17941.470	17.188	220.314	807.314	10723071.000	266729.320	36453.226	42639.076	5365.070
σ		283.398	2.900	20.313	8.885	142093.800	3744.327	451.414	850.915	113.805
%RSD		1.580	16.872	9.220	1.101	1.325	1.404	1.238	1.996	2.121

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	14:07:46	69148.198	2673.688	55637.822	407235.350	718626.700	3115.965	54092.843	121278.240	168.751
2	14:08:55	68140.247	2651.809	55225.288	411106.390	726008.110	3176.916	55499.786	122404.980	167.188
3	14:10:03	70935.051	2675.251	55048.044	408225.520	729846.460	3386.339	55673.899	119450.440	242.190
x		69407.832	2666.916	55303.718	408855.750	724827.090	3226.406	55088.843	121044.550	192.710
σ		1415.377	13.106	302.610	2011.002	5702.355	141.819	866.944	1491.068	42.858
%RSD		2.039	0.491	0.547	0.492	0.787	4.396	1.574	1.232	22.240

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	14:07:46	37846.942	1160.985	12370.979	7567.629	277092.750	123016.450	4052.137	67.188	215.627
2	14:08:55	37273.563	1218.802	12128.584	7728.653	277384.270	121334.970	4217.810	65.625	206.251
3	14:10:03	37444.321	1168.798	12134.839	7792.750	283553.630	123254.420	4120.907	67.188	232.814
x		37521.609	1182.862	12211.467	7696.344	279343.550	122535.280	4130.285	66.667	218.231
σ		294.400	31.370	138.177	115.986	3648.948	1046.286	83.234	0.902	13.472
%RSD		0.785	2.652	1.132	1.507	1.306	0.854	2.015	1.353	6.173

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	14:07:46	373.442	143.751	254.690	923.988	250.002	250.002	693.246	30.729	35.417
2	14:08:55	325.004	118.750	300.003	914.092	234.377	234.377	712.518	30.729	32.292
3	14:10:03	368.755	159.376	320.316	931.280	273.440	273.440	722.935	34.896	33.854
x		355.734	140.626	291.670	923.120	252.606	252.606	709.566	32.118	33.854
σ		26.716	20.492	33.597	8.627	19.661	19.661	15.063	2.406	1.563
%RSD		7.510	14.572	11.519	0.935	7.783	7.783	2.123	7.490	4.615

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	14:07:46	289.065	37.500	81.250	57.813	50.000	12.500	367073.370	215.627	118.750
2	14:08:55	337.504	21.875	76.563	32.813	35.938	9.375	370350.080	212.502	118.750
3	14:10:03	346.879	54.688	96.875	37.500	32.813	7.813	363896.750	189.064	104.688
x		324.483	38.021	84.896	42.708	39.583	9.896	367106.730	205.731	114.063
σ		31.029	16.412	10.636	13.289	9.155	2.387	3226.791	14.518	8.119
%RSD		9.562	43.167	12.528	31.116	23.130	24.119	0.879	7.057	7.118

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	14:07:46	4.688	4.688	75.000	3.125	73.438	68.750	1092.229	2057.961	877523.560
2	14:08:55	3.125	3.125	98.438	3.125	73.438	62.500	1150.046	1950.133	883266.450
3	14:10:03	1.563	1.563	107.813	3.125	76.563	50.000	1170.360	2131.409	882107.400
x		3.125	3.125	93.750	3.125	74.479	60.417	1137.545	2046.501	880965.800
σ		1.563	1.563	16.901	0.000	1.804	9.547	40.538	91.180	3036.882
%RSD		50.000	50.000	18.028	0.000	2.422	15.802	3.564	4.455	0.345

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	14:07:46	902438.930	212.502	489.071	51.563	59.375	125.001	807096.240	478.133
2	14:08:55	906751.110	150.001	439.069	92.188	78.125	134.376	822231.610	481.258
3	14:10:03	907399.790	229.689	473.445	68.750	48.438	145.313	816309.160	476.570
x		905529.950	197.397	467.195	70.834	61.979	134.896	815212.340	478.654
σ		2696.471	41.937	25.580	20.393	15.014	10.166	7627.064	2.387
%RSD		0.298	21.245	5.475	28.789	24.224	7.536	0.936	0.499

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	14:15:45	18052.023	17.188	150.001	775.021	12439901.000	247700.870	33423.429	39012.572	7317.499
2	14:16:54	17748.519	17.188	179.689	746.895	12373326.000	248626.110	33373.312	39462.242	7208.068
3	14:18:02	18048.894	14.063	178.126	803.148	12469063.000	248111.020	33811.841	39266.391	7439.437
x		17949.812	16.146	169.272	775.021	12427430.000	248146.000	33536.194	39247.068	7321.668
σ		174.332	1.804	16.708	28.127	49072.139	463.611	240.029	225.457	115.741
%RSD		0.971	11.175	9.870	3.629	0.395	0.187	0.716	0.574	1.581

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	14:15:45	57418.284	2731.511	51442.455	415538.130	886041.580	3142.533	53890.518	122302.550	179.689
2	14:16:54	57019.817	2842.470	50984.568	420019.490	882630.460	3065.954	54193.222	120848.060	214.064
3	14:18:02	57910.891	2747.139	51020.634	419575.480	889591.380	3269.124	54008.148	120457.280	170.314
x		57449.664	2773.707	51149.219	418377.700	886087.810	3159.204	54030.629	121202.630	188.022
σ		446.365	60.061	254.589	2469.140	3480.691	102.606	152.599	972.390	23.035
%RSD		0.777	2.165	0.498	0.590	0.393	3.248	0.282	0.802	12.251

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	14:15:45	35042.928	1029.725	11263.814	13062.219	242970.670	214775.900	6152.887	71.875	237.502
2	14:16:54	34533.878	1031.287	11185.627	13054.399	241060.590	213472.200	6149.761	62.500	223.439
3	14:18:02	34815.811	1106.293	11323.236	13035.632	241691.430	214460.270	6399.871	64.063	242.190
x		34797.539	1055.768	11257.559	13050.750	241907.560	214236.120	6234.173	66.146	234.377
σ		255.016	43.763	69.017	13.664	973.208	680.139	143.507	5.023	9.758
%RSD		0.733	4.145	0.613	0.105	0.402	0.317	2.302	7.593	4.163

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	14:15:45	342.192	93.750	220.314	1120.356	196.876	196.876	683.871	30.729	45.833
2	14:16:54	340.629	139.063	206.251	1187.549	182.814	182.814	687.517	26.563	48.438
3	14:18:02	342.192	143.751	250.002	1191.196	234.377	234.377	702.101	29.688	44.792
x		341.671	125.521	225.523	1166.367	204.689	204.689	691.163	28.993	46.354
σ		0.902	27.614	22.336	39.888	26.655	26.655	9.646	2.168	1.878
%RSD		0.264	22.000	9.904	3.420	13.022	13.022	1.396	7.479	4.051

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	14:15:45	254.690	18.750	75.000	26.563	21.875	3.125	369994.160	220.314	17.188
2	14:16:54	259.377	21.875	76.563	20.313	34.375	7.813	369934.840	206.251	9.375
3	14:18:02	242.190	26.563	62.500	26.563	40.625	4.688	371682.460	220.314	10.938
x		252.086	22.396	71.354	24.479	32.292	5.208	370537.150	215.627	12.500
σ		8.885	3.932	7.708	3.608	9.547	2.387	992.308	8.119	4.134
%RSD		3.525	17.558	10.802	14.741	29.565	45.826	0.268	3.765	33.072

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	14:15:45	3.125	3.125	12.500	9.375	54.688	81.250	1101.605	2036.083	896731.770
2	14:16:54	1.563	1.563	6.250	1.563	51.563	59.375	1115.669	1917.316	893843.290
3	14:18:02	6.250	6.250	9.375	10.938	65.625	59.375	1093.792	1984.513	899406.370
x		3.646	3.646	9.375	7.292	57.292	66.667	1103.689	1979.304	896660.480
σ		2.387	2.387	3.125	5.023	7.384	12.630	11.086	59.554	2782.222
%RSD		65.465	65.465	33.333	68.883	12.889	18.944	1.004	3.009	0.310

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	14:15:45	932968.930	178.126	456.257	109.375	85.938	239.065	830045.890	962.532
2	14:16:54	927829.560	195.314	439.069	107.813	85.938	251.565	837783.200	1006.285
3	14:18:02	923930.840	178.126	371.880	117.188	68.750	242.190	826953.760	1035.975
x		928243.110	183.855	422.402	111.459	80.209	244.273	831594.280	1001.598
σ		4533.211	9.923	44.590	5.023	9.923	6.505	5578.294	36.945
%RSD		0.488	5.397	10.556	4.506	12.372	2.663	0.671	3.689

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	14:23:45	17789.194	13.542	132.813	748.457	7975826.100	136434.340	18497.906	21495.848	11998.787
2	14:24:54	17922.173	17.188	148.438	742.207	7907196.300	133257.690	18034.814	21455.162	11701.666
3	14:26:02	17685.941	17.708	115.625	778.146	7942277.000	134456.350	18360.228	21281.465	12011.297
x		17799.103	16.146	132.292	756.270	7941766.500	134716.130	18297.649	21410.825	11903.917
σ		118.427	2.270	16.413	19.201	34317.772	1604.179	237.804	113.861	175.266
%RSD		0.665	14.061	12.406	2.539	0.432	1.191	1.300	0.532	1.472

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	14:23:45	44870.357	2353.319	50492.199	414740.450	761949.860	1820.429	32115.747	120551.820	126.563
2	14:24:54	45666.624	2392.388	50633.322	415567.080	756089.540	1839.181	31794.717	121839.240	140.626
3	14:26:02	44788.852	2276.744	50297.765	415766.510	756578.490	1931.381	31973.240	121097.030	151.563
x		45108.611	2340.817	50474.428	415358.010	758205.960	1863.663	31961.235	121162.700	139.584
σ		484.969	58.827	168.483	544.043	3251.513	59.390	160.851	646.215	12.533
%RSD		1.075	2.513	0.334	0.131	0.429	3.187	0.503	0.533	8.979

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	14:23:45	31539.465	1001.598	9976.920	7137.720	64680.469	115300.930	3909.910	59.375	190.626
2	14:24:54	31151.114	1045.351	10091.063	7186.182	62542.857	114051.900	3917.725	76.563	200.001
3	14:26:02	31332.761	1100.042	9820.562	6840.700	63277.331	115467.900	4036.508	71.875	206.251
x		31341.113	1048.997	9962.848	7054.867	63500.219	114940.240	3954.714	69.271	198.960
σ		194.310	49.324	135.798	187.051	1086.096	773.842	70.943	8.885	7.865
%RSD		0.620	4.702	1.363	2.651	1.710	0.673	1.794	12.826	3.953

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	14:23:45	443.757	126.563	268.753	700.538	193.751	193.751	672.933	21.875	33.333
2	14:24:54	412.506	164.063	265.627	651.577	176.564	176.564	699.496	33.854	30.729
3	14:26:02	382.818	151.563	289.065	682.308	167.188	167.188	701.580	29.167	39.063
x		413.027	147.397	274.482	678.141	179.168	179.168	691.336	28.299	34.375
σ		30.473	19.094	12.726	24.745	13.472	13.472	15.972	6.037	4.263
%RSD		7.378	12.954	4.636	3.649	7.519	7.519	2.310	21.332	12.402

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	14:23:45	154.688	54.688	67.188	53.125	73.438	10.938	363524.970	235.939	7.813
2	14:24:54	170.314	46.875	73.438	46.875	96.875	7.813	369437.850	164.063	10.938
3	14:26:02	139.063	56.250	71.875	48.438	110.938	7.813	373568.200	204.689	12.500
x		154.688	52.604	70.834	49.479	93.750	8.854	368843.670	201.564	10.417
σ		15.625	5.023	3.253	3.253	18.944	1.804	5047.912	36.040	2.387
%RSD		10.101	9.548	4.592	6.574	20.207	20.377	1.369	17.880	22.913

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	14:23:45	0.000	0.000	9.375	4.688	81.250	90.625	859.401	1551.647	876376.570
2	14:24:54	1.563	1.563	12.500	1.563	53.125	73.438	884.402	1526.644	882627.140
3	14:26:02	0.000	0.000	9.375	4.688	51.563	56.250	895.341	1687.600	885785.800
x		0.521	0.521	10.417	3.646	61.979	73.438	879.715	1588.630	881596.500
σ		0.902	0.902	1.804	1.804	16.707	17.188	18.423	86.617	4788.532
%RSD		173.205	173.205	17.321	49.487	26.956	23.404	2.094	5.452	0.543

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	14:23:45	906287.070	212.502	473.445	134.376	104.688	321.879	806579.170	632.827
2	14:24:54	914425.680	168.751	384.380	148.438	118.750	293.753	824331.990	550.011
3	14:26:02	912691.770	170.314	464.070	128.126	137.501	320.316	828743.770	584.387
x		911134.840	183.855	440.632	136.980	120.313	311.983	819884.980	589.075
σ		4286.871	24.821	48.940	10.404	16.462	15.807	11732.406	41.606
%RSD		0.470	13.500	11.107	7.595	13.683	5.066	1.431	7.063

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	14:31:46	17834.563	29470.471	4735.160	1045.351	29745118.000	22634301.000	3095268.000	3595033.600	4991041.600
2	14:32:54	17501.339	29660.968	4932.101	951.594	30043899.000	22847303.000	3132315.000	3638057.300	5048089.400
3	14:34:03	17293.273	29939.152	4852.387	1009.411	30248617.000	22960649.000	3161888.600	3658806.100	5091762.100
x		17543.058	29690.197	4839.882	1002.119	30012545.000	22814084.000	3129823.900	3630632.300	5043631.000
σ		273.046	235.704	99.064	47.302	253209.510	165690.550	33380.058	32528.103	50508.005
%RSD		1.556	0.794	2.047	4.720	0.844	0.726	1.067	0.896	1.001

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	14:31:46	56351.549	258871.320	59133.070	361254.380	17206330.000	74986.916	1246897.100	122991.230	39517.080
2	14:32:54	57057.467	262422.740	59321.348	364859.920	17557001.000	76077.032	1253816.700	124081.850	39241.322
3	14:34:03	58149.357	261417.050	59588.080	361046.090	17500698.000	75307.345	1266118.300	123889.570	39753.673
x		57186.124	260903.700	59347.499	362386.800	17421343.000	75457.098	1255610.700	123654.220	39504.025
σ		905.783	1830.517	228.629	2144.318	188323.140	560.275	9735.379	582.156	256.425
%RSD		1.584	0.702	0.385	0.592	1.081	0.743	0.775	0.471	0.649

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	14:31:46	619702.630	555692.220	75616.786	2263553.700	1584196.100	38834407.000	906696.220	701567.140	152590.290
2	14:32:54	619722.200	560361.590	76166.570	2297533.600	1612861.000	39290067.000	913849.910	710791.110	154517.090
3	14:34:03	626481.070	563147.690	76029.907	2281194.700	1608895.900	39168946.000	908098.400	708454.210	153594.720
x		621968.630	559733.830	75937.754	2280760.700	1601984.300	39097807.000	909548.180	706937.490	153567.370
σ		3907.897	3767.170	286.242	16994.097	15532.118	236013.100	3790.801	4795.391	963.689
%RSD		0.628	0.673	0.377	0.745	0.970	0.604	0.417	0.678	0.628

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	14:31:46	743936.710	364234.900	289416.330	132643.690	7828.707	7828.707	24899.806	10402.223	39.063
2	14:32:54	757961.490	372718.300	292836.540	133227.730	7841.214	7841.214	25174.767	10493.436	36.979
3	14:34:03	753979.140	370587.360	291407.760	133606.240	7608.276	7608.276	25126.765	10520.018	44.271
x		751959.110	369180.190	291220.210	133159.220	7759.399	7759.399	25067.113	10471.892	40.104
σ		7227.308	4413.292	1717.802	484.920	131.026	131.026	146.866	61.782	3.756
%RSD		0.961	1.195	0.590	0.364	1.689	1.689	0.586	0.590	9.365

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	14:31:46	140099.250	248909.100	265707.630	158467.820	409672.310	17.188	368330.100	16664.401	775324.240
2	14:32:54	142429.940	250181.030	271021.690	159557.980	414923.780	17.188	367057.340	16925.646	780001.650
3	14:34:03	142232.670	252041.430	271782.820	162512.890	416226.490	4.688	367276.940	16698.817	789687.640
x		141587.280	250377.190	269504.050	160179.560	413607.530	13.021	367554.790	16762.955	781671.170
σ		1292.448	1575.352	3309.748	2092.942	3469.684	7.217	680.355	141.942	7325.794
%RSD		0.913	0.629	1.228	1.307	0.839	55.426	0.185	0.847	0.937

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	14:31:46	12547.696	12547.696	756739.840	191688.420	528057.460	811183.920	723566.940	1285683.400	893412.900
2	14:32:54	12683.753	12683.753	759296.860	191368.550	534402.620	821259.250	726185.540	1287836.900	893108.800
3	14:34:03	12593.048	12593.048	762203.490	193180.190	533989.140	817220.020	731226.940	1296629.800	892786.430
x		12608.166	12608.166	759413.400	192079.060	532149.740	816554.400	726993.140	1290050.000	893102.710
σ		69.277	69.277	2733.691	966.930	3550.042	5070.542	3893.335	5799.099	313.277
%RSD		0.549	0.549	0.360	0.503	0.667	0.621	0.536	0.450	0.035

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	14:31:46	922898.460	1301199.900	3443984.800	1069001.100	989023.200	2305482.200	804590.340	5630055.400
2	14:32:54	920119.720	1312614.100	3480124.600	1084225.800	1001796.900	2338247.200	804093.170	5717721.600
3	14:34:03	915585.610	1321450.700	3504040.100	1089884.600	1001497.300	2352367.600	810665.050	5721187.300
x		919534.600	1311754.900	3476049.800	1081037.100	997439.150	2332032.300	806449.520	5689654.800
σ		3691.370	10152.707	30234.246	10800.715	7289.962	24052.630	3659.207	51643.630
%RSD		0.401	0.774	0.870	0.999	0.731	1.031	0.454	0.908

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	14:39:47	17695.328	29.167	96.875	851.588	274951.980	10793.138	1462.575	1761.046	3120.653
2	14:40:55	18052.023	29.688	93.750	810.961	267655.990	9495.342	1220.365	1551.647	2939.365
3	14:42:03	17455.971	29.688	78.125	751.582	270889.530	11406.114	1529.769	1762.609	3406.656
x		17734.441	29.514	89.584	804.710	271165.840	10564.865	1404.236	1691.767	3155.558
σ		299.945	0.301	10.046	50.295	3655.833	975.625	162.743	121.350	235.593
%RSD		1.691	1.019	11.214	6.250	1.348	9.235	11.589	7.173	7.466

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	14:39:47	1943.882	1668.848	36639.112	354404.730	311710.900	42.188	1712.603	119869.550	35.938
2	14:40:55	1875.123	1598.527	36867.824	359078.680	309375.000	34.375	1653.221	120271.350	20.313
3	14:42:03	1800.113	1675.098	37080.875	358639.730	312419.890	54.688	1736.043	120928.420	43.750
x		1873.040	1647.491	36862.604	357374.380	311168.600	43.750	1700.622	120356.440	33.333
σ		71.907	42.519	220.928	2581.137	1593.237	10.246	42.691	534.538	11.934
%RSD		3.839	2.581	0.599	0.722	0.512	23.419	2.510	0.444	35.801

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	14:39:47	22913.674	1098.480	7469.140	7087.695	1270.369	107202.290	3748.929	315.628	246.877
2	14:40:55	22777.519	1067.227	7294.049	6603.088	1135.983	107561.220	3709.857	300.003	232.814
3	14:42:03	22245.432	1096.917	7487.899	7092.385	1243.804	109288.320	3789.565	351.567	251.565
x		22645.542	1087.541	7417.029	6927.723	1216.719	108017.280	3749.450	322.399	243.752
σ		353.130	17.610	106.916	281.152	71.170	1115.289	39.857	26.440	9.758
%RSD		1.559	1.619	1.441	4.058	5.849	1.033	1.063	8.201	4.003

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	14:39:47	557.823	240.627	201.564	494.800	135.938	135.938	690.642	37.500	28.125
2	14:40:55	587.512	190.626	214.064	467.195	139.063	139.063	680.745	39.583	44.271
3	14:42:03	650.015	242.190	184.376	469.799	150.001	150.001	686.475	44.271	23.958
x		598.450	224.481	200.001	477.265	141.667	141.667	685.954	40.451	32.118
σ		47.059	29.329	14.906	15.242	7.384	7.384	4.969	3.468	10.729
%RSD		7.863	13.065	7.453	3.194	5.212	5.212	0.724	8.573	33.404

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	14:39:47	415.631	734.394	795.335	510.947	1243.804	7.813	370723.650	232.814	340.629
2	14:40:55	329.691	492.196	554.698	389.068	871.902	12.500	368394.220	221.877	257.815
3	14:42:03	345.317	489.071	489.071	289.065	795.335	3.125	369468.310	242.190	384.380
x		363.546	571.887	613.035	396.360	970.347	7.813	369528.730	232.294	327.608
σ		45.778	140.744	161.250	111.120	239.895	4.688	1165.886	10.166	64.280
%RSD		12.592	24.610	26.304	28.035	24.723	60.000	0.316	4.377	19.621

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	14:39:47	6.250	6.250	381.255	70.313	740.644	1553.209	289.065	545.323	869382.080
2	14:40:55	1.563	1.563	275.003	60.938	518.759	1262.556	264.065	470.320	875538.390
3	14:42:03	3.125	3.125	340.629	96.875	525.010	1131.295	329.691	596.887	872318.860
x		3.646	3.646	332.296	76.042	594.804	1315.687	294.274	537.510	872413.110
σ		2.387	2.387	53.614	18.641	126.340	215.917	33.122	63.644	3079.236
%RSD		65.465	65.465	16.134	24.514	21.241	16.411	11.255	11.841	0.353

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	14:39:47	903044.190	707.830	1836.056	512.509	459.382	1100.042	806957.470	2197.044
2	14:40:55	900613.330	615.638	1528.207	426.569	389.068	1075.040	814841.320	1997.015
3	14:42:03	891988.850	781.271	1836.056	528.135	529.697	1228.178	809055.670	2354.882
x		898548.790	701.580	1733.439	489.071	459.383	1134.420	810284.820	2182.980
σ		5809.639	82.993	177.737	54.689	70.315	82.153	4083.117	179.348
%RSD		0.647	11.829	10.253	11.182	15.306	7.242	0.504	8.216

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	14:47:45	17678.119	3090.438	409.381	1947.008	5004688.900	3551194.200	442419.710	524616.930	1004731.700
2	14:48:53	17554.529	3114.402	375.005	1945.445	5044192.900	3545544.700	440396.100	521232.290	1001095.600
3	14:50:01	17837.692	3074.810	432.819	1981.387	4998734.000	3539925.000	445028.580	514462.150	984936.060
x		17690.113	3093.217	405.735	1957.947	5015871.900	3545554.600	442614.790	520103.790	996921.120
σ		141.962	19.942	29.079	20.315	24706.768	5634.572	2322.393	5170.595	10537.393
%RSD		0.802	0.645	7.167	1.038	0.493	0.159	0.525	0.994	1.057

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	14:47:45	598765.640	1561.023	53220.827	603883.840	1325393.600	42169.961	694573.460	120605.400	48.438
2	14:48:53	605894.470	1528.207	53614.482	611993.230	1337946.100	42273.391	717431.310	120781.880	73.438
3	14:50:01	596892.780	1645.407	53369.818	610852.160	1334975.600	42326.674	700556.820	121361.760	53.125
x		600517.630	1578.212	53401.709	608909.740	1332771.800	42256.676	704187.200	120916.340	58.333
σ		4749.704	60.462	198.756	4389.796	6560.018	79.682	11853.484	395.706	13.289
%RSD		0.791	3.831	0.372	0.721	0.492	0.189	1.683	0.327	22.781

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	14:47:45	632629.250	223497.220	39976.168	98741.634	845748.200	1592093.400	42635.402	710649.970	155463.210
2	14:48:53	639294.470	225598.610	40499.514	98876.940	862757.380	1623443.100	43314.002	711877.630	156035.010
3	14:50:01	631651.440	222959.220	41220.321	98334.150	853760.600	1614285.800	41778.188	711785.720	156437.820
x		634525.060	224018.350	40565.334	98650.908	854088.730	1609940.700	42575.864	711437.770	155978.680
σ		4159.272	1394.734	624.683	282.539	8509.338	16120.191	769.636	683.805	489.744
%RSD		0.655	0.623	1.540	0.286	0.996	1.001	1.808	0.096	0.314

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	14:47:45	200826.750	99168.010	156344.620	12215.116	1843.869	1843.869	6141.424	2309.562	35.938
2	14:48:53	202760.020	99334.787	158014.410	12440.831	1832.930	1832.930	6141.945	2436.666	32.813
3	14:50:01	201561.990	98318.418	156401.490	12352.734	1853.245	1853.245	6136.735	2393.951	33.854
x		201716.250	98940.405	156920.170	12336.227	1843.348	1843.348	6140.035	2380.060	34.201
σ		975.824	545.073	948.060	113.760	10.168	10.168	2.870	64.681	1.591
%RSD		0.484	0.551	0.604	0.922	0.552	0.552	0.047	2.718	4.652

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	14:47:45	375.005	585.950	634.389	365.630	1001.598	9.375	358820.750	1945.445	75663.909
2	14:48:53	351.567	540.635	610.951	359.380	989.097	7.813	365097.120	1982.950	76389.631
3	14:50:01	425.006	532.822	643.765	346.879	931.280	21.875	361550.810	1859.496	75893.246
x		383.859	553.136	629.701	357.296	973.992	13.021	361822.890	1929.297	75982.262
σ		37.512	28.685	16.902	9.547	37.513	7.708	3147.017	63.291	370.960
%RSD		9.772	5.186	2.684	2.672	3.852	59.195	0.870	3.281	0.488

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	14:47:45	1342.251	1342.251	73912.589	19550.869	257.815	163562.260	594595.190	1039125.500	854660.530
2	14:48:53	1284.433	1284.433	74068.079	19574.339	204.689	165643.850	599373.150	1061911.400	856901.470
3	14:50:01	1332.875	1332.875	73364.462	19809.037	209.377	164469.460	596767.390	1058839.200	867922.200
x		1319.853	1319.853	73781.710	19644.748	223.960	164558.530	596911.910	1053292.100	859828.070
σ		31.031	31.031	369.616	142.761	29.413	1043.650	2392.253	12364.397	7098.712
%RSD		2.351	2.351	0.501	0.727	13.133	0.634	0.401	1.174	0.826

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	14:47:45	883362.770	129790.050	311493.740	46011.478	39643.994	94362.184	788235.650	17036.715
2	14:48:53	886250.860	131013.640	321205.280	47038.251	40001.238	96583.204	794221.070	17121.191
3	14:50:01	902199.500	131087.760	318869.440	45966.019	39763.074	94451.836	808865.670	16769.211
x		890604.370	130630.480	317189.490	46338.583	39802.769	95132.408	797107.460	16975.706
σ		10144.971	728.779	5069.040	606.357	181.900	1257.225	10613.570	183.750
%RSD		1.139	0.558	1.598	1.309	0.457	1.322	1.332	1.082

C4369-12 MH3108S 11/09/2011 02:54:33 PM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	14:55:41	17510.725	3083.145	420.319	1493.828	5212902.700	3600013.800	441647.930	522351.780	1018415.600
2	14:56:49	17781.372	3057.098	376.567	1482.890	5260163.400	3619613.200	448766.250	527926.180	1023509.500
3	14:57:58	17490.388	3145.659	407.818	1398.506	5340811.200	3667410.200	451347.240	530103.040	1033863.500
x		17594.162	3095.301	401.568	1458.408	5271292.400	3629012.400	447253.810	526793.670	1025262.900
σ		162.447	45.515	22.535	52.164	64676.379	34667.364	5023.424	3997.807	7871.793
%RSD		0.923	1.470	5.612	3.577	1.227	0.955	1.123	0.759	0.768

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	14:55:41	608338.880	1721.979	54442.605	608182.430	1345543.600	43027.199	710664.740	120307.590	181.251
2	14:56:49	610040.430	1670.410	53107.908	612410.550	1343023.800	43216.833	712255.140	122170.170	181.251
3	14:57:58	614598.440	1667.285	53550.179	622818.200	1364461.700	42930.033	721446.440	122865.150	225.002
x		610992.590	1686.558	53700.231	614470.390	1351009.700	43058.022	714788.770	121780.970	195.835
σ		3236.585	30.715	679.883	7532.177	11717.709	145.863	5820.286	1322.458	25.259
%RSD		0.530	1.821	1.266	1.226	0.867	0.339	0.814	1.086	12.898

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	14:55:41	631595.940	223709.880	40695.382	103733.070	875686.100	1718613.200	45096.066	719564.360	155550.080
2	14:56:49	633164.710	223903.500	40971.168	103940.820	872219.300	1710468.700	44583.523	711442.680	154482.340
3	14:57:58	642920.640	227763.810	41713.938	105794.980	889676.110	1746235.900	45047.475	727687.260	158440.970
x		635893.760	225125.730	41126.829	104489.620	879193.840	1725105.900	44909.021	719564.770	156157.800
σ		6135.797	2286.695	526.818	1135.236	9241.923	18746.721	282.935	8122.288	2048.089
%RSD		0.965	1.016	1.281	1.086	1.051	1.087	0.630	1.129	1.312

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	14:55:41	204225.990	101240.280	158300.360	12536.749	1887.625	1887.625	6087.234	2297.060	42.188
2	14:56:49	204592.110	100661.210	158902.300	12673.327	1968.886	1968.886	6158.619	2326.752	41.146
3	14:57:58	206173.990	101167.900	159856.610	12669.678	1814.178	1814.178	6154.972	2369.467	38.021
x		204997.360	101023.130	159019.750	12626.585	1890.229	1890.229	6133.608	2331.093	40.451
σ		1035.298	315.513	784.745	77.822	77.387	77.387	40.202	36.398	2.168
%RSD		0.505	0.312	0.493	0.616	4.094	4.094	0.655	1.561	5.361

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	14:55:41	359.380	429.694	564.074	337.504	687.517	4.688	365073.080	1937.631	75045.033
2	14:56:49	376.567	495.321	542.198	320.316	753.145	10.938	364034.580	1984.513	76543.577
3	14:57:58	364.067	509.384	559.386	348.442	800.022	10.938	371897.320	1978.262	77872.606
x		366.671	478.133	555.219	335.421	746.895	8.854	367001.660	1966.802	76487.072
σ		8.885	42.535	11.518	14.178	56.513	3.608	4271.445	25.455	1414.633
%RSD		2.423	8.896	2.074	4.227	7.566	40.754	1.164	1.294	1.850

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	14:55:41	1259.431	1259.431	74055.514	19774.614	132.813	164173.910	594085.570	1061884.500	870105.440
2	14:56:49	1351.626	1351.626	73969.131	19749.580	168.751	165743.440	607510.990	1072859.200	883987.170
3	14:57:58	1334.437	1334.437	75971.787	20359.810	187.501	170725.020	618774.610	1087678.700	891934.020
x		1315.165	1315.165	74665.477	19961.335	163.022	166880.790	606790.390	1074140.800	882008.880
σ		49.026	49.026	1132.122	345.317	27.791	3420.449	12360.283	12944.755	11047.941
%RSD		3.728	3.728	1.516	1.730	17.047	2.050	2.037	1.205	1.253

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	14:55:41	908332.950	131679.090	322443.650	48430.391	41383.291	99026.408	810435.360	17764.163
2	14:56:49	918073.870	133358.630	328106.350	48268.909	41715.505	100308.740	812867.890	18081.748
3	14:57:58	924575.280	136368.090	332445.590	50285.221	42270.257	102389.050	830451.270	18389.954
x		916994.030	133801.940	327665.200	48994.840	41789.684	100574.730	817918.180	18078.622
σ		8174.835	2375.723	5015.541	1120.415	448.112	1697.028	10921.913	312.907
%RSD		0.891	1.776	1.531	2.287	1.072	1.687	1.335	1.731

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	15:03:38	18210.036	17.708	37.500	962.532	3720099.900	860787.470	118323.940	139442.870	1693.850
2	15:04:46	17951.897	17.708	57.813	1014.099	3719928.700	876252.090	119305.490	141230.620	1732.918
3	15:05:54	18023.863	16.667	53.125	1014.099	3754099.500	882711.820	121752.570	141776.610	1720.416
x		18061.932	17.361	49.479	996.910	3731376.100	873250.460	119794.000	140816.700	1715.728
σ		133.214	0.601	10.636	29.772	19679.284	11266.174	1765.745	1220.689	19.951
%RSD		0.738	3.464	21.495	2.986	0.527	1.290	1.474	0.867	1.163

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	15:03:38	50056.294	1696.976	45991.100	366408.180	399510.840	8394.653	136789.280	123303.280	17.188
2	15:04:46	51197.829	1437.572	45918.993	368171.400	399790.370	8244.566	139141.520	122638.220	15.625
3	15:05:54	52480.596	1645.407	46604.019	367732.180	399493.170	8122.621	139169.920	123421.480	14.063
x		51244.906	1593.319	46171.371	367437.250	399598.130	8253.947	138366.900	123120.990	15.625
σ		1212.836	137.323	376.415	917.865	166.725	136.259	1366.339	422.253	1.563
%RSD		2.367	8.619	0.815	0.250	0.042	1.651	0.987	0.343	10.000

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	15:03:38	23107.736	1037.538	7748.976	6342.032	923.467	98681.848	3941.169	296.878	226.564
2	15:04:46	22323.679	953.157	7517.603	6010.639	965.658	100722.580	4064.641	298.441	228.127
3	15:05:54	21965.311	975.033	7392.537	6104.429	823.461	101470.030	4020.878	281.253	225.002
x		22465.575	988.576	7553.039	6152.367	904.195	100291.490	4008.896	292.190	226.564
σ		584.281	43.790	180.842	170.818	73.031	1443.215	62.602	9.505	1.563
%RSD		2.601	4.430	2.394	2.776	8.077	1.439	1.562	3.253	0.690

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	15:03:38	401.568	154.688	421.881	447.924	151.563	151.563	705.747	32.813	34.896
2	15:04:46	407.818	128.126	404.693	470.320	145.313	145.313	683.350	26.563	40.104
3	15:05:54	356.254	167.188	393.755	424.485	118.750	118.750	715.122	33.333	38.542
x		388.547	150.001	406.777	447.576	138.542	138.542	701.406	30.903	37.847
σ		28.140	19.949	14.178	22.919	17.423	17.423	16.325	3.768	2.673
%RSD		7.242	13.299	3.485	5.121	12.576	12.576	2.327	12.192	7.062

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	15:03:38	42.188	56.250	76.563	70.313	115.625	4.688	377011.590	210.939	39.063
2	15:04:46	46.875	64.063	85.938	45.313	75.000	9.375	371061.950	214.064	45.313
3	15:05:54	50.000	59.375	60.938	60.938	101.563	3.125	374071.750	185.939	35.938
x		46.354	59.896	74.479	58.854	97.396	5.729	374048.430	203.647	40.104
σ		3.932	3.932	12.630	12.630	20.631	3.253	2974.891	15.415	4.774
%RSD		8.483	6.565	16.957	21.459	21.182	56.773	0.795	7.570	11.903

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	15:03:38	1.563	1.563	43.750	10.938	90.625	243.752	2048.584	3592.639	896113.480
2	15:04:46	3.125	3.125	50.000	12.500	92.188	226.564	2061.086	3806.757	883487.320
3	15:05:54	0.000	0.000	25.000	3.125	87.500	220.314	1998.577	3555.130	884453.830
x		1.563	1.563	39.583	8.854	90.104	230.210	2036.083	3651.509	888018.210
σ		1.563	1.563	13.010	5.023	2.387	12.137	33.077	135.751	7027.346
%RSD		100.000	100.000	32.868	56.727	2.649	5.272	1.625	3.718	0.791

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	15:03:38	922100.910	656.265	1642.282	70.313	65.625	189.064	821738.810	4971.177
2	15:04:46	908622.380	517.197	1268.806	70.313	82.813	179.689	814391.740	5041.514
3	15:05:54	913006.260	457.820	1198.488	103.125	70.313	151.563	817307.640	5011.816
x		914576.520	543.761	1369.859	81.250	72.917	173.439	817812.730	5008.169
σ		6875.098	101.855	238.531	18.944	8.885	19.516	3699.487	35.310
%RSD		0.752	18.732	17.413	23.316	12.185	11.252	0.452	0.705

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	15:11:36	18213.165	18.750	26.563	821.899	3773153.400	883161.840	121213.640	142660.340	1606.340
2	15:12:44	17904.964	17.708	37.500	759.395	3801711.600	888214.210	122524.750	144544.770	1532.895
3	15:13:52	18511.987	14.063	48.438	807.835	3753441.900	879767.980	120745.640	142022.790	1421.946
x		18210.038	16.840	37.500	796.376	3776102.300	883714.680	121494.670	143075.970	1520.394
σ		303.524	2.461	10.938	32.789	24269.601	4250.168	922.252	1311.356	92.831
%RSD		1.667	14.616	29.167	4.117	0.643	0.481	0.759	0.917	6.106

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	15:11:36	52373.955	1604.778	46542.883	366853.770	398558.210	8322.736	140397.460	121429.520	14.063
2	15:12:44	51539.679	1589.151	45973.857	365994.650	396086.180	8243.003	140220.740	123561.750	20.313
3	15:13:52	50862.258	1542.271	46455.098	368607.430	399787.160	8433.739	138469.410	124042.450	14.063
x		51591.964	1578.733	46323.946	367151.950	398143.850	8333.159	139695.870	123011.240	16.146
σ		757.204	32.530	306.346	1331.667	1884.962	95.794	1065.818	1390.736	3.608
%RSD		1.468	2.060	0.661	0.363	0.473	1.150	0.763	1.131	22.349

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	15:11:36	19830.942	1018.786	6442.077	6221.667	1268.806	103245.180	4169.358	264.065	229.689
2	15:12:44	19557.128	1001.598	6674.997	6202.909	1246.929	102785.630	4000.560	184.376	209.377
3	15:13:52	19031.418	1057.852	6662.491	5876.208	1090.667	102776.190	4052.137	176.564	185.939
x		19473.163	1026.079	6593.188	6100.261	1202.134	102935.670	4074.019	208.335	208.335
σ		406.322	28.827	131.015	194.262	97.151	268.086	86.500	48.421	21.894
%RSD		2.087	2.809	1.987	3.184	8.082	0.260	2.123	23.242	10.509

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	15:11:36	382.818	121.876	351.567	366.151	103.125	103.125	674.495	30.208	31.771
2	15:12:44	340.629	110.938	403.131	356.775	131.251	131.251	721.893	28.125	30.729
3	15:13:52	378.130	131.251	343.754	366.671	125.001	125.001	714.080	28.646	37.500
x		367.192	121.355	366.151	363.199	119.792	119.792	703.490	28.993	33.333
σ		23.123	10.166	32.263	5.569	14.768	14.768	25.412	1.084	3.646
%RSD		6.297	8.377	8.811	1.533	12.328	12.328	3.612	3.740	10.938

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	15:11:36	57.813	45.313	48.438	28.125	65.625	3.125	371591.060	201.564	40.625
2	15:12:44	40.625	23.438	39.063	39.063	56.250	4.688	370786.170	214.064	34.375
3	15:13:52	50.000	31.250	37.500	29.688	73.438	6.250	376655.510	250.002	21.875
x		49.479	33.333	41.667	32.292	65.104	4.688	373010.920	221.877	32.292
σ		8.606	11.085	5.916	5.916	8.606	1.563	3181.863	25.146	9.547
%RSD		17.392	33.256	14.197	18.319	13.218	33.333	0.853	11.334	29.565

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	15:11:36	0.000	0.000	21.875	3.125	100.000	154.688	1903.252	3617.646	880651.240
2	15:12:44	0.000	0.000	14.063	4.688	75.000	128.126	2036.083	3559.819	889224.230
3	15:13:52	3.125	3.125	18.750	1.563	90.625	142.188	1959.509	3505.118	901037.290
x		1.042	1.042	18.229	3.125	88.542	141.667	1966.281	3560.861	890304.260
σ		1.804	1.804	3.932	1.563	12.630	13.289	66.674	56.271	10235.849
%RSD		173.205	173.205	21.571	50.000	14.264	9.380	3.391	1.580	1.150

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	15:11:36	904364.540	387.505	840.650	95.313	70.313	154.688	812170.480	4843.008
2	15:12:44	913798.320	276.565	685.954	78.125	79.688	165.626	818175.580	4905.530
3	15:13:52	928820.650	275.003	721.893	79.688	59.375	131.251	835334.960	5035.262
x		915661.170	313.024	749.499	84.375	69.792	150.522	821893.670	4927.933
σ		12334.016	64.507	80.958	9.504	10.166	17.562	12021.496	98.065
%RSD		1.347	20.608	10.802	11.264	14.567	11.668	1.463	1.990

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	15:19:33	17743.825	29223.610	4683.580	992.222	29381807.000	22445188.000	3073027.800	3565148.500	4967982.000
2	15:20:42	17875.239	29672.451	4899.278	1000.035	29552346.000	22564373.000	3102010.200	3591445.800	5006047.700
3	15:21:50	18136.505	29580.072	4722.655	1096.917	29916954.000	22787154.000	3120313.300	3642443.500	5063228.000
x		17918.523	29492.044	4768.504	1029.725	29617036.000	22598905.000	3098450.400	3599679.300	5012419.200
σ		199.886	237.015	114.926	58.321	273375.540	173578.630	23842.919	39299.765	47941.622
%RSD		1.116	0.804	2.410	5.664	0.923	0.768	0.770	1.092	0.956

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	15:19:33	56731.172	257399.770	59486.094	359392.670	17257346.000	75373.317	1242168.400	122209.570	37931.541
2	15:20:42	57957.956	262155.400	59101.690	362558.680	17311865.000	75176.974	1248285.900	123539.680	38822.994
3	15:21:50	58061.501	259864.100	58845.950	360812.170	17489850.000	75667.051	1247334.500	123927.400	39402.703
x		57583.543	259806.420	59144.578	360921.170	17353020.000	75405.780	1245929.600	123225.550	38719.079
σ		739.988	2378.337	322.219	1585.817	121592.740	246.646	3291.840	900.969	741.065
%RSD		1.285	0.915	0.545	0.439	0.701	0.327	0.264	0.731	1.914

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	15:19:33	603952.260	549084.570	72148.920	2256993.600	1584340.500	38513845.000	891777.830	696135.880	152629.770
2	15:20:42	607431.140	556081.950	72395.475	2254008.400	1580729.200	38879501.000	896171.650	706864.220	151803.850
3	15:21:50	610853.790	554553.930	71938.488	2275998.300	1591440.300	38798950.000	899378.110	702397.090	151049.040
x		607412.400	553240.150	72160.961	2262333.400	1585503.400	38730765.000	895775.860	701799.060	151827.560
σ		3450.803	3679.044	228.731	11927.858	5449.409	192127.480	3815.565	5389.114	790.632
%RSD		0.568	0.665	0.317	0.527	0.344	0.496	0.426	0.768	0.521

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	15:19:33	744778.940	360935.540	287823.690	130295.140	7422.240	7422.240	24698.937	10311.533	33.854
2	15:20:42	753529.780	366701.500	288257.310	132448.130	7594.206	7594.206	24963.459	10334.987	30.729
3	15:21:50	755273.000	367543.030	286624.950	132740.410	7522.292	7522.292	25078.243	10457.993	40.625
x		751193.900	365060.020	287568.650	131827.890	7512.913	7512.913	24913.546	10368.171	35.069
σ		5623.482	3596.605	845.536	1335.427	86.366	86.366	194.517	78.667	5.059
%RSD		0.749	0.985	0.294	1.013	1.150	1.150	0.781	0.759	14.425

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	15:19:33	137873.060	247505.330	265623.270	157439.360	404712.020	7.813	365164.430	16440.705	766268.800
2	15:20:42	138534.090	248688.110	267928.210	159279.910	408188.550	15.625	369365.700	17016.378	770415.980
3	15:21:50	140845.590	249543.460	269596.670	159867.670	409739.830	6.250	369288.750	16507.970	774457.180
x		139084.250	248578.970	267716.050	158862.310	407546.800	9.896	367939.630	16655.018	770380.650
σ		1560.768	1023.436	1995.178	1266.870	2574.609	5.023	2403.700	314.750	4094.308
%RSD		1.122	0.412	0.745	0.797	0.632	50.756	0.653	1.890	0.531

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	15:19:33	12264.637	12264.637	752766.050	189230.980	527600.410	804256.690	715401.990	1280149.200	896929.570
2	15:20:42	12252.127	12252.127	747146.320	190055.890	524848.650	802824.730	726154.330	1273682.800	887685.980
3	15:21:50	12336.574	12336.574	757256.800	190890.340	524211.830	806034.030	723212.130	1271040.400	895496.870
x		12284.446	12284.446	752389.720	190059.070	525553.630	804371.820	721589.480	1274957.500	893370.800
σ		45.576	45.576	5065.738	829.684	1800.930	1607.744	5556.788	4686.284	4975.050
%RSD		0.371	0.371	0.673	0.437	0.343	0.200	0.770	0.368	0.557

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	15:19:33	921384.990	1294775.500	3428473.500	1064580.800	984272.260	2310506.800	805611.150	5641769.700
2	15:20:42	918318.560	1290209.200	3407543.100	1066724.400	983635.240	2301329.400	807578.640	5679702.300
3	15:21:50	922820.200	1307268.100	3463582.700	1077170.900	987165.120	2327816.100	809671.970	5624562.200
x		920841.250	1297417.600	3433199.800	1069492.000	985024.210	2313217.400	807620.590	5648678.100
σ		2299.552	8831.065	28317.211	6735.929	1881.245	13449.773	2030.737	28211.728
%RSD		0.250	0.681	0.825	0.630	0.191	0.581	0.251	0.499

CCB89 11/09/2011 03:26:23 PM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	15:27:31	18623.068	42.708	100.000	771.896	286071.840	19007.950	2529.912	3006.566	4649.194
2	15:28:40	17964.413	26.042	81.250	739.082	268295.960	10805.648	1423.508	1715.728	3011.255
3	15:29:48	17965.978	21.354	90.625	743.769	260074.120	6893.851	912.529	1106.293	2284.558
x		18184.486	30.035	90.625	751.582	271480.640	12235.816	1621.983	1942.862	3315.002
σ		379.824	11.223	9.375	17.748	13288.229	6182.385	826.756	970.285	1211.228
%RSD		2.089	37.367	10.345	2.361	4.895	50.527	50.972	49.941	36.538

Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	15:27:31	2012.642	1795.425	36902.288	360408.410	315537.290	71.875	2182.979	123884.840	43.750
2	15:28:40	1865.747	1656.346	37215.599	358562.830	305143.250	43.750	1700.101	122222.170	21.875
3	15:29:48	1803.239	1657.909	36758.167	357595.280	300860.070	45.313	1376.629	122609.850	17.188
x		1893.876	1703.227	36958.685	358855.510	307180.200	53.646	1753.236	122905.620	27.604
σ		107.498	79.850	233.873	1429.222	7547.654	15.806	405.793	869.900	14.178
%RSD		5.676	4.688	0.633	0.398	2.457	29.464	23.145	0.708	51.361

Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	15:27:31	16874.022	1292.246	5601.098	7389.411	1784.486	122275.760	4267.825	629.701	273.440
2	15:28:40	16217.012	1090.667	5572.962	6706.261	1125.044	110141.710	3898.970	337.504	203.126
3	15:29:48	15550.647	1009.411	5454.166	6359.228	840.650	103369.510	3944.294	226.564	164.063
x		16213.894	1130.774	5542.742	6818.300	1250.060	111928.990	4037.030	397.923	213.543
σ		661.693	145.621	77.988	524.151	484.178	9579.003	201.155	208.249	55.427
%RSD		4.081	12.878	1.407	7.687	38.732	8.558	4.983	52.334	25.956

Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	15:27:31	912.529	351.567	343.754	422.402	118.750	118.750	698.455	51.042	37.500
2	15:28:40	648.452	257.815	201.564	339.067	84.375	84.375	710.434	33.854	41.146
3	15:29:48	487.508	159.376	156.251	306.774	101.563	101.563	723.977	30.729	41.667
x		682.830	256.253	233.856	356.081	101.563	101.563	710.955	38.542	40.104
σ		214.586	96.105	97.834	59.662	17.188	17.188	12.769	10.938	2.270
%RSD		31.426	37.504	41.835	16.755	16.923	16.923	1.796	28.378	5.661

Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	15:27:31	512.509	767.208	935.968	528.135	1354.752	10.938	372006.350	210.939	743.769
2	15:28:40	320.316	528.135	581.262	353.129	882.840	9.375	373398.220	232.814	317.191
3	15:29:48	254.690	439.069	454.695	295.316	659.390	3.125	372291.770	225.002	187.501
x		362.505	578.137	657.308	392.193	965.661	7.813	372565.450	222.918	416.154
σ		133.987	169.688	249.486	121.226	355.002	4.134	735.184	11.085	291.039
%RSD		36.962	29.351	37.956	30.910	36.763	52.915	0.197	4.973	69.935

Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	15:27:31	6.250	6.250	759.395	140.626	818.773	1836.056	615.638	1110.981	877754.290
2	15:28:40	0.000	0.000	309.378	82.813	548.448	1251.617	312.503	523.447	867412.940
3	15:29:48	1.563	1.563	209.377	43.750	431.257	996.910	170.314	301.566	874335.130
x		2.604	2.604	426.050	89.063	599.493	1361.528	366.152	645.331	873167.450
σ		3.253	3.253	292.984	48.739	198.737	430.234	227.458	418.246	5268.636
%RSD		124.900	124.900	68.767	54.725	33.151	31.599	62.121	64.811	0.603

Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U
1	15:27:31	901567.670	1520.393	3834.890	948.469	834.399	2084.527	809733.110	3750.492
2	15:28:40	883336.200	687.517	1736.043	482.821	467.195	1109.418	810869.950	2004.828
3	15:29:48	895754.480	490.633	1140.670	325.004	257.815	637.514	801941.190	1320.374
x		893552.780	899.514	2237.201	585.431	519.803	1277.153	807514.750	2358.565
σ		9313.015	546.634	1415.300	324.151	291.870	737.945	4860.201	1253.083
%RSD		1.042	60.770	63.262	55.370	56.150	57.780	0.602	53.129

CHEMTECH

Instrument ID: P6

284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

Daily Analysis Runlog For Sequence/QCBatch ID # LB57678

Review By divya Review On 11/12/2011 1:18:36 AM

STD. NAME	STD REF.#
ICAL Standard	MP9153,MP9105.,P9102,MP9101,MP9100,MP9099
ICV Standard	MP9114
CCV Standard	MP9103
ICSA Standard	MP9110,MP9111,MP9112,MP9113
CRI Standard	
LCS Standard	
Chk Standard	MP9107,MP9115

Sr#	SampleId	ClientID	QcType	Date	Comment	Status
1	TUNE	TUNE	TUNE	11/08/11 17:48		OK
2	S0	S0	CAL1	11/08/11 18:08		OK
3	S1	S	CAL2	11/08/11 18:16		OK
4	S2	S	CAL3	11/08/11 18:24		OK
5	S3	S	CAL4	11/08/11 18:32		OK
6	S4	S	CAL5	11/08/11 18:40		OK
7	S5	S	CAL6	11/08/11 18:48		OK
8	ICV05	ICV05	SAM	11/08/11 18:56		OK
9	ICB05	ICB05	SAM	11/08/11 19:03		OK
10	ICSA05	ICSA05	SAM	11/08/11 19:11		OK
11	ICSAB05	ICSAB05	SAM	11/08/11 19:19		OK
12	ICSA05	ICSA05	SAM	11/08/11 19:27		OK
13	ICSAB05	ICSAB05	SAM	11/08/11 19:35		OK
14	CCV76	CCV76	CCV	11/08/11 19:43		OK
15	CCB76	CCB76	CCB	11/08/11 19:51		OK
16	CRDL1	CRI01	CRDL	11/08/11 19:59	Do not use	OK
17	CRI FE 100P	CRI FE 100P	SAM	11/08/11 20:07	Do not use	OK
18	PB58982BL	PBW01	MB	11/08/11 20:15		OK
19	PB58983BL	PBW01	MB	11/08/11 20:23		OK
20	PB58982BS	LCS01	LCS	11/08/11 20:30		OK
21	PB58983BS	LCS01	LCS	11/08/11 20:38		OK

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CRI Standard	
LCS Standard	
Chk Standard	MP9107,MP9115

22	C4368-01	MH30T9	SAM	11/08/11 20:46		OK
23	C4368-02	MH30W0	SAM	11/08/11 20:54		OK
24	C4368-03	MH30W1	SAM	11/08/11 21:02		OK
25	C4368-04	MH30W2	SAM	11/08/11 21:10		OK
26	CCV77	CCV77	CCV	11/08/11 21:18		OK
27	CCB77	CCB77	CCB	11/08/11 21:26		OK
28	C4368-05	MH30W3	SAM	11/08/11 21:34		OK
29	C4368-06	MH30W4	SAM	11/08/11 21:42		OK
30	C4368-07	MH30W4	SAM	11/08/11 21:49		OK
31	C4368-08	MH30W5	SAM	11/08/11 21:57		OK
32	C4368-09	MH30W6	SAM	11/08/11 22:05		OK
33	C4368-13	MH30X0	SAM	11/08/11 22:13		OK
34	C4368-14	MH30X1	SAM	11/08/11 22:21		OK
35	C4368-10	MH30W8	SAM	11/08/11 22:29		OK
36	C4368-11	MH30W8D	DUP	11/08/11 22:37		OK
37	C4368-10L	MH30W8L	SD	11/08/11 22:45		OK
38	CCV78	CCV78	CCV	11/08/11 22:53		OK
39	CCB78	CCB78	CCB	11/08/11 23:01		OK
40	C4368-15	MH30Y2	SAM	11/08/11 23:16	Na result is high	OK
41	C4368-16	MH30Y3	SAM	11/08/11 23:24	Na & Mn result is high	OK
42	C4368-17	MH30Y4	SAM	11/08/11 23:32	Na & Mn result is high	OK
43	C4368-18	MH30Y5	SAM	11/08/11 23:40	Na & Mn result is high	OK

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CRI Standard	
LCS Standard	
Chk Standard	MP9107,MP9115

44	C4368-19	MH30Y6	SAM	11/08/11 23:48	Na result is high	OK
45	C4368-15	MH30Y2	SAM	11/08/11 23:56	Dilution for Na	Dilution
46	C4368-16	MH30Y3	SAM	11/09/11 00:04	Dilution for Na & Mn	Dilution
47	C4368-17	MH30Y4	SAM	11/09/11 00:12	Dilution for Na & Mn	Dilution
48	C4368-18	MH30Y5	SAM	11/09/11 00:20	Dilution for Na & Mn	Dilution
49	CCV79	CCV79	CCV	11/09/11 00:28		OK
50	CCB79	CCB79	CCB	11/09/11 00:36		OK
51	C4368-20	MH30Z6	SAM	11/09/11 00:44	Na & Ca result is high	OK
52	C4368-19	MH30Y6	SAM	11/09/11 00:51	Dilution for Na	Dilution
53	C4369-01	MH30Z9	SAM	11/09/11 00:59		OK
54	C4369-02	MH3100	SAM	11/09/11 01:07		OK
55	C4369-03	MH3101	SAM	11/09/11 01:15		OK
56	C4369-04	MH3102	SAM	11/09/11 01:23		OK
57	C4369-05	MH3103	SAM	11/09/11 01:31		OK
58	C4369-06	MH3104	SAM	11/09/11 01:39		OK
59	C4369-07	MH3105	SAM	11/09/11 01:47		OK
60	C4369-08	MH3106	SAM	11/09/11 01:55		OK
61	CCV80	CCV80	CCV	11/09/11 02:03		OK
62	CCB80	CCB80	CCB	11/09/11 02:11		OK
63	C4369-09	MH3107	SAM	11/09/11 02:18		OK
64	C4369-10	MH3108	SAM	11/09/11 02:26		OK
65	C4369-11	MH3108D	DUP	11/09/11 02:34		OK

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CRI Standard	
LCS Standard	
Chk Standard	MP9107,MP9115

66	C4369-10L	MH3108L	SD	11/09/11 02:50		OK
67	C4369-13	MH3109	SAM	11/09/11 02:58		OK
68	C4369-14	MH3110	SAM	11/09/11 03:06		OK
69	C4369-20	MH3135	SAM	11/09/11 03:14	Na & Ca result is high	OK
70	C4369-13	MH3109	SAM	11/09/11 03:22	Do not use	OK
71	C4369-14	MH3110	SAM	11/09/11 03:30	Do not use	OK
72	CCV81	CCV81	CCV	11/09/11 03:38		OK
73	CCB81	CCB81	CCB	11/09/11 03:46		OK
74	C4369-15	MH3121	SAM	11/09/11 03:54	Need rerun for Na	OK
75	C4369-16	MH3122	SAM	11/09/11 04:02	Mn result is high, Need Rerun for Na	OK
76	C4369-17	MH3123	SAM	11/09/11 04:09	Mn result is high, ReMn result is high, Need Re	OK
77	C4369-18	MH3124	SAM	11/09/11 04:17	Mn result is high,Mn result is high, Need Rerun	OK
78	C4369-19	MH3125	SAM	11/09/11 04:25	Need rerun for Na	OK
79	C4369-15	MH3121	SAM	11/09/11 04:33	Need rerun for Na	OK
80	C4369-16	MH3122	SAM	11/09/11 04:41	Dilution for Mn, Need Rerun for Na	Dilution
81	C4369-17	MH3123	SAM	11/09/11 04:49	Dilution for Mn, Need Rerun for Na	Dilution
82	C4369-18	MH3124	SAM	11/09/11 04:57	Dilution for Mn, Need Rerun for Na	Dilution
83	C4369-19	MH3125	SAM	11/09/11 05:05	Need Rerun for Na	Dilution
84	CCV82	CCV82	CCV	11/09/11 05:13	Na is failing	OK
85	CCB82	CCB82	CCB	11/09/11 05:21		OK
86	PB58970BL	PB58970BL	MB	11/09/11 05:29	Do not use	OK
87	PB59037BL	PB59037BL	MB	11/09/11 05:37	Do not use	OK

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LCS Standard	
Chk Standard	MP9107,MP9115

88	PB58970BS	PB58970BS	LCS	11/09/11 05:45	Do not use	OK
89	PB59037BS	PB59037BS	LCS	11/09/11 05:53	Do not use	OK
90	C4418-02	C4418-02	SAM	11/09/11 06:00	Do not use	OK
91	C4418-03	C4418-03	SAM	11/09/11 06:08	Do not use	OK
92	C4418-04	C4418-04	SAM	11/09/11 06:16	Do not use	OK
93	C4418-05	C4418-05	SAM	11/09/11 06:24	Do not use	OK
94	C4418-06	C4418-06	SAM	11/09/11 06:32	Do not use	OK
95	C4418-07	C4418-07	SAM	11/09/11 06:40	Do not use	OK
96	CCV83	CCV83	CCV	11/09/11 06:48	Na is failing	OK
97	CCB83	CCB83	CCB	11/09/11 06:56		OK
98	C4418-01	C4418-01	SAM	11/09/11 07:04	Do not use	OK
99	C4418-01D	C4418-01D	DUP	11/09/11 07:12	Do not use	OK
100	C4418-01L	C4418-01LX5	SAM	11/09/11 07:20	Do not use	OK
101	C4418-01S	C4418-01S	MS	11/09/11 07:28	Do not use	OK
102	C4418-01SD	C4418-01SD	MSD	11/09/11 07:36	Do not use	OK
103	C4418-01A	C4418-01A	PS	11/09/11 07:44	Do not use	OK
104	C4418-08	C4418-08	SAM	11/09/11 07:52	Do not use	OK
105	C4418-09	C4418-09	SAM	11/09/11 08:00	Do not use	OK
106	C4418-10	C4418-10	SAM	11/09/11 08:08	Do not use	OK
107	C4418-11	C4418-11	SAM	11/09/11 08:16	Do not use	OK
108	CCV84	CCV84	CCV	11/09/11 08:24	Na is failing	OK
109	CCB84	CCB84	CCB	11/09/11 08:31		OK

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Instrument ID: P6

284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

Daily Analysis Runlog For Sequence/QCBatch ID # LB57678

Review By divya Review On 11/12/2011 1:18:36 AM

STD. NAME	STD REF.#
ICAL Standard	MP9153,MP9105.,P9102,MP9101,MP9100,MP9099
ICV Standard	MP9114
CCV Standard	MP9103
ICSA Standard	MP9110,MP9111,MP9112,MP9113
CRI Standard	
LCS Standard	
Chk Standard	MP9107,MP9115

110	C4418-12	C4418-12	SAM	11/09/11 08:39	Do not use	OK
111	C4418-13	C4418-13	SAM	11/09/11 08:47	Do not use	OK
112	C4418-14	C4418-14	SAM	11/09/11 08:55	Do not use	OK
113	C4418-15	C4418-15	SAM	11/09/11 09:03	Do not use	OK
114	C4418-16	C4418-16	SAM	11/09/11 09:11	Do not use	OK
115	HNO3-5%	HNO3-5%	SAM	11/09/11 09:27	Do not use	OK
116	C4436-01	C4436-01	SAM	11/09/11 09:35	Do not use	OK
117	C4436-01D	C4436-01D	DUP	11/09/11 09:43	Do not use	OK
118	C4436-01L	C4436-01LX5	SAM	11/09/11 09:51	Do not use	OK
119	CCV85	CCV85	CCV	11/09/11 09:59	Na is failing	OK
120	CCB85	CCB85	CCB	11/09/11 10:07		OK
121	C4436-01S	C4436-01S	MS	11/09/11 10:15	Do not use	OK
122	C4436-01SD	C4436-01SD	MSD	11/09/11 10:23	Do not use	OK
123	C4436-01A	C4436-01A	PS	11/09/11 10:31	Do not use	OK
124	C4368-15	MH30Y2	SAM	11/09/11 10:39	Do not use	OK
125	C4368-16	MH30Y3	SAM	11/09/11 10:47	Do not use	OK
126	C4368-17	MH30Y4	SAM	11/09/11 10:55	Do not use	OK
127	C4368-18	MH30Y5	SAM	11/09/11 11:03	Do not use	OK
128	C4368-19	MH30Y6	SAM	11/09/11 11:11	Do not use	OK
129	C4369-15	MH3121	SAM	11/09/11 11:19	Do not use	OK
130	C4369-16	MH3122	SAM	11/09/11 11:27	Do not use	OK
131	CCV86	CCV86	CCV	11/09/11 11:35	Na, Mg & Al is failing	OK

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Daily Analysis Runlog For Sequence/QCBatch ID # LB57678

Review By divya Review On 11/12/2011 1:18:36 AM

STD. NAME	STD REF.#
ICAL Standard	MP9153,MP9105.,P9102,MP9101,MP9100,MP9099
ICV Standard	MP9114
CCV Standard	MP9103
ICSA Standard	MP9110,MP9111,MP9112,MP9113
CRI Standard	
LCS Standard	
Chk Standard	MP9107,MP9115

132	CCB86	CCB86	CCB	11/09/11 11:43		OK
133	C4369-17	MH3123	SAM	11/09/11 11:50	Do not use	OK
134	C4369-18	MH3124	SAM	11/09/11 11:58	Do not use	OK
135	C4369-19	MH3125	SAM	11/09/11 12:06	Do not use	OK
136	C4368-15	MH30Y2	SAM	11/09/11 12:14	Do not use	OK
137	C4368-16	MH30Y3	SAM	11/09/11 12:22	Do not use	OK
138	C4368-17	MH30Y4	SAM	11/09/11 12:30	Do not use	OK
139	C4368-18	MH30Y5	SAM	11/09/11 12:38	Do not use	OK
140	C4368-19	MH30Y6	SAM	11/09/11 12:46	Do not use	OK
141	CCV87	CCV87	CCV	11/09/11 12:54		OK
142	CCB87	CCB87	CCB	11/09/11 13:02		OK
143	C4369-15	MH3121	SAM	11/09/11 13:10	Rerun for Na	ReRun
144	C4369-16	MH3122	SAM	11/09/11 13:18	Rerun for Na	ReRun
145	C4369-17	MH3123	SAM	11/09/11 13:26	Rerun for Na	ReRun
146	C4369-18	MH3124	SAM	11/09/11 13:34	Rerun for Na	ReRun
147	C4369-19	MH3125	SAM	11/09/11 13:42	Rerun for Na	ReRun
148	C4369-15	MH3121	SAM	11/09/11 13:50	Rerun for Na, Dilution for Na	ReRun
149	C4369-16	MH3122	SAM	11/09/11 13:58	Rerun for Na, Dilution for Na	ReRun
150	C4369-17	MH3123	SAM	11/09/11 14:06	Rerun for Na, Dilution for Na	ReRun
151	C4369-18	MH3124	SAM	11/09/11 14:14	Rerun for Na, Dilution for Na	ReRun
152	C4369-19	MH3125	SAM	11/09/11 14:22	Rerun for Na, Dilution for Na	ReRun
153	CCV88	CCV88	CCV	11/09/11 14:30		OK

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Daily Analysis Runlog For Sequence/QCBatch ID # LB57678

Review By divya Review On 11/12/2011 1:18:36 AM

STD. NAME	STD REF.#
ICAL Standard	MP9153,MP9105.,P9102,MP9101,MP9100,MP9099
ICV Standard	MP9114
CCV Standard	MP9103
ICSA Standard	MP9110,MP9111,MP9112,MP9113
CRI Standard	
LCS Standard	
Chk Standard	MP9107,MP9115

154	CCB88	CCB88	CCB	11/09/11 14:38		OK
155	C4368-12	MH30W8S	MS	11/09/11 14:46		OK
156	C4369-12	MH3108S	MS	11/09/11 14:54		OK
157	C4368-20	MH30Z6	SAM	11/09/11 15:02	Dilution for Na & Ca	OK
158	C4369-20	MH3135	SAM	11/09/11 15:10	Dilution for Na & Ca	OK
159	CCV89	CCV89	CCV	11/09/11 15:18		OK
160	CCB89	CCB89	CCB	11/09/11 15:26		OK

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Prep Standard - Chemical Standard Summary

Project ID : C4368

Test : Metals CLP MS

Prepbatch ID : PB58982,

Sequence ID/Qc Batch ID: LB57678,

Standard ID :
MP8463,MP8993,MP9096,MP9097,MP9099,MP9100,MP9101,MP9103,MP9104,MP9105.,MP9106,MP9107,MP9110,MP9111,MP9112,MP9113,MP9114,MP9115,MP9118,MP9153,

Chemical ID :
M1655,M1656,M1657,M1659,M1660,M1662,M1665,M1669,M1670,M1671,M1672,M1673,M1674,M1675,M1676,M1677,M1679,M1680,M1681,M1682,M1683,M1699,M1700,M1709,M1713,M1824,M1825,M1857,M1860,M1861,M1866,M1900,M1955,M1956,M1957,M1971,M1974,M2000,M2024,M2052,M2058,M2068,M2069,M2078,P9102,W1152,

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Metals STANDARD PREPARATION LOG

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
170	1:1HCL	MP8463	09/16/2011	03/16/2012	narendra

FROM 1250.00000ml of DI Water(W1152) + 1250.00000ml of Hydrochloric Acid, Instra-Analyzed (cs/6x2.5L) (M2000) = Final Quantity: 2500.000 ml

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
169	1:1HNO3	MP8993	10/25/2011	04/25/2012	narendra

FROM 1250.00000ml of DI Water(W1152) + 1250.00000ml of Nitric Acid, Instra-Analyzed (cs/4x2.5L)(M2058) = Final Quantity: 2500.000 ml

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Metals STANDARD PREPARATION LOG

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
1122	ICPMS CALIB BLANK(S0/ICB/CCB)	MP9096	11/02/2011	11/16/2011	jaswal

FROM 10.00000ml of Hydrochloric Acid, Instra-Analyzed (cs/6x2.5L)(M2068) + 1970.00000ml of DI Water(W1152) + 20.00000ml of Nitric Acid, Instra-Analyzed (cs/4x2.5L)(M2052) = Final Quantity: 2000.000 ml

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
1125	SOL.C(100PPM) ISM01.2	MP9097	11/02/2011	11/16/2011	jaswal

FROM 2.50000ml of CHEM-CLP-4/.25L(M1866) + 22.50000ml of ICPMS CALIB BLANK(S0/ICB/CCB) (MP9096) = Final Quantity: 25.000 ml

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Metals STANDARD PREPARATION LOG

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
1426	S5 ICPMS ISM01.2	MP9099	11/02/2011	11/16/2011	jaswal

FROM 0.01000ml of STRONTIUM 1 X 125 ml(M1709) + 0.10000ml of COPPER 125mL 1000ug/mL(M1657) + 0.10000ml of MANGANESE, 125mL 1000ug/mL(M1656) + 0.10000ml of Thorium 1000 ug/ml(M1670) + 0.10000ml of Uranium 1000 ug/ml(M1677) + 0.10000ml of ZINC 125mL 1000ug/mL(M1974) + 0.19000ml of Aluminium, Al, 125 ml, 10,000 ug/ml(M1682) + 0.20000ml of Phosphorus, 125 ml, 10000 ug/ml(M1680) + 0.20000ml of SULFUR 125mL 10,000ug/mL(M1900) + 0.40000ml of BARIUM 125mL 1000ug/mL(M1659) + 0.49000ml of IRON 125mL 10,000ug/mL(M1681) + 0.49000ml of POTASSIUM 125mL 10,000ug/mL(M1679) + 0.99000ml of CALCIUM 125mL 10,000ug/mL(M1824) + 0.99000ml of MAGNESIUM 125mL 10,000ug/mL(M1825) + 0.99000ml of SODIUM 125mL 10,000ug/mL(M1669) + 5.00000ml of Calibration Standard Method 6020(M1971) + 1.00000ml of SOL.C(100PPM) ISM01.2(MP9097) + 88.55000ml of ICPMS CALIB BLANK(S0/ICB/CCB)(MP9096) = Final Quantity: 100.000 ml

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
1427	S4 ICPMS ISM01.2	MP9100	11/02/2011	11/16/2011	jaswal

FROM 25.00000ml of ICPMS CALIB BLANK(S0/ICB/CCB)(MP9096) + 25.00000ml of S5 ICPMS ISM01.2(MP9099) = Final Quantity: 50.000 ml

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Metals STANDARD PREPARATION LOG

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
1428	S3 ICPMS ISM01.2	MP9101	11/02/2011	11/16/2011	jaswal

FROM 12.50000ml of S5 ICPMS ISM01.2(MP9099) + 37.50000ml of ICPMS CALIB BLANK(S0/ICB/CCB) (MP9096) = Final Quantity: 50.000 ml

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
1430	CCV ICPMS ISM01.2	MP9103	11/02/2011	11/16/2011	jaswal

FROM 0.02500ml of STRONTIUM 1 X 125 ml(M1709) + 0.10000ml of BARIUM 125mL 1000ug/mL(M1659) + 0.25000ml of COPPER 125mL 1000ug/mL(M1657) + 0.25000ml of MANGANESE, 125mL 1000ug/mL(M1656) + 0.25000ml of Thorium 1000 ug/ml(M1670) + 0.25000ml of Uranium 1000 ug/ml(M1677) + 0.25000ml of ZINC 125mL 1000ug/mL(M1974) + 0.47500ml of Aluminium, Al, 125 ml, 10,000 ug/ml(M1682) + 0.50000ml of Phosphorus, 125 ml, 10000 ug/ml(M1680) + 0.50000ml of SULFUR 125mL 10,000ug/mL(M1900) + 1.22500ml of IRON 125mL 10,000ug/mL(M1681) + 1.22500ml of POTASSIUM 125mL 10,000ug/mL(M1679) + 12.50000ml of Calibration Standard Method 6020(M1971) + 2.47500ml of CALCIUM 125mL 10,000ug/mL(M1824) + 2.47500ml of MAGNESIUM 125mL 10,000ug/mL(M1825) + 2.47500ml of SODIUM 125mL 10,000ug/mL(M1669) + 2.50000ml of SOL.C(100PPM) ISM01.2(MP9097) + 471.37500ml of ICPMS CALIB BLANK(S0/ICB/CCB)(MP9096) = Final Quantity: 500.000 ml

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Metals STANDARD PREPARATION LOG

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
1120	ICPMS ISM01.2 S1(CONC.)	MP9104	11/02/2011	11/16/2011	jaswal

FROM 0.05000ml of ARSENIC 125mL 1000ug/mL(M1673) + 0.05000ml of BERYLLIUM 125mL 1000ug/mL(M1671) + 0.05000ml of CADMIUM, 125mL 1000ug/mL(M1672) + 0.05000ml of COBALT 125mL 1000ug/mL(M1665) + 0.05000ml of LEAD 125mL 1000ug/mL(M1683) + 0.05000ml of MANGANESE, 125mL 1000ug/mL(M1656) + 0.05000ml of NICKEL 125mL 1000ug/mL(M1655) + 0.05000ml of SILVER 125mL 1000ug/mL(M1675) + 0.05000ml of Strontium, 125 ml, 1000 PPM(M1700) + 0.05000ml of THALLIUM 125mL 1000ug/mL(M1676) + 0.05000ml of Thorium 1000 ug/ml(M1670) + 0.05000ml of Uranium 1000 ug/ml(M1677) + 0.10000ml of Aluminium, Al, 125 ml, 10,000 ug/ml(M1682) + 0.10000ml of ANTIMONY HF, 125mL 1,000ug/mL(M1713) + 0.10000ml of CHROMIUM(+3) 125mL 1000ug/mL(M1662) + 0.10000ml of COPPER 125mL 1000ug/mL(M1657) + 0.10000ml of ZINC 125mL 1000ug/mL(M1974) + 0.25000ml of CHEM-CLP-4/.25L(M1866) + 0.25000ml of SELENIUM 125mL 1000ug/mL(M1660) + 0.25000ml of VANADIUM 125mL 1000ug/mL(M1674) + 0.50000ml of BARIUM 125mL 1000ug/mL(M1659) + 1.00000ml of IRON 125mL 10,000ug/mL(M1681) + 2.50000ml of CALCIUM 125mL 10,000ug/mL(M1824) + 2.50000ml of MAGNESIUM 125mL 10,000ug/mL(M1825) + 2.50000ml of POTASSIUM 125mL 10,000ug/mL(M1679) + 2.50000ml of SODIUM 125mL 10,000ug/mL(M1669) + 236.65000ml of ICPMS CALIB BLANK(S0/ICB/CCB)(MP9096) = Final Quantity: 250.000 ml

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
1135	MG 10PPM ILM05.4 FOR TUNE	MP9106	11/02/2011	11/16/2011	jaswal

FROM 0.10000ml of MAGNESIUM 125mL 10,000ug/mL(M1825) + 99.90000ml of ICPMS CALIB BLANK(S0/ICB/CCB)(MP9096) = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
1172	TUNE SOL 100PPB ICPMS	MP9107	11/02/2011	11/16/2011	jaswal

FROM 1.00000ml of TUNE-A,(M2024) + 1.00000ml of MG 10PPM ILM05.4 FOR TUNE(MP9106) + 98.00000ml of ICPMS CALIB BLANK(S0/ICB/CCB)(MP9096) = Final Quantity: 100.000 ml

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
1142	ICSA ICPMS	MP9110	11/02/2011	11/16/2011	jaswal

FROM 5.00000ml of ICSA (ICPMS) STOCK SOLN(M1956) + 45.00000ml of ICPMS CALIB BLANK(S0/ICB/CCB)(MP9096) = Final Quantity: 50.000 ml

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Metals STANDARD PREPARATION LOG

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
1143	ICSAB ICPMS	MP9111	11/02/2011	11/16/2011	jaswal

FROM 5.00000ml of ICSA (ICPMS) STOCK SOLN(M1956) + 5.00000ml of ICSB (ICPMS) STOCK SOLUTION(M1957) + 40.00000ml of ICPMS CALIB BLANK(S0/ICB/CCB)(MP9096) = Final Quantity: 50.000 ml

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
1165	ICSAX10	MP9112	11/02/2011	11/16/2011	jaswal

FROM 45.00000ml of ICPMS CALIB BLANK(S0/ICB/CCB)(MP9096) + 5.00000ml of ICSA ICPMS(MP9110) = Final Quantity: 50.000 ml

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Metals STANDARD PREPARATION LOG

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
1166	ICSABX10	MP9113	11/02/2011	11/16/2011	jaswal

FROM 45.00000ml of ICPMS CALIB BLANK(S0/ICB/CCB)(MP9096) + 5.00000ml of ICSAB ICPMS(MP9111) = Final Quantity: 50.000 ml

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
1575	ICV ISM01.2 MS	MP9114	11/02/2011	11/16/2011	jaswal

FROM 0.02500ml of CHEM-QC-4, Second Source, 1000 ug/ml, B, Mo, Si, Sn, Ti(M1860) + 0.02500ml of Strontium, 125 ml, 1000 PPM(M1700) + 1.00000ml of ICV (ICP/ICPMS) STOCK SOLN (M1955) + 48.95000ml of ICPMS CALIB BLANK(S0/ICB/CCB)(MP9096) = Final Quantity: 50.000 ml

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Metals STANDARD PREPARATION LOG

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
857	ICPMS INT. STANDARD	MP9115	11/02/2011	11/16/2011	jaswal

FROM 2450.00000ml of DI Water(W1152) + 25.00000ml of 6020ISS, 10 ug/ml, Bi, Ho, In, 6Li, Rh, Sc, TB, Y(M1699) + 25.00000ml of Nitric Acid, Instra-Analyzed (cs/4x2.5L)(M2052) = Final Quantity: 2500.000 ml

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
870	ICPMS SPIKE SOL.B	MP9118	11/02/2011	11/16/2011	jaswal

FROM 5.00000ml of SOIL/WATER SPIKE SOLN 1, 125mL(M1857) + 5.00000ml of SOIL/WATER SPIKE SOLN 4, 125mL(M1861) + 40.00000ml of ICPMS CALIB BLANK(S0/ICB/CCB)(MP9096) = Final Quantity: 50.000 ml

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Metals STANDARD PREPARATION LOG

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
1122	ICPMS CALIB BLANK(S0/ICB/CCB)	MP9153	11/04/2011	11/18/2011	jaswal

FROM 10.00000ml of Hydrochloric Acid, Instra-Analyzed (cs/6x2.5L)(M2069) + 1970.00000ml of DI Water(W1152) + 20.00000ml of Nitric Acid, Instra-Analyzed (cs/4x2.5L)(M2078) = Final Quantity: 2000.000 ml

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Metals CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGNI1-1 / NICKEL 125mL 1000ug/mL	C2-NI02062	12/01/2011	11/29/2010 / chirag	11/29/2010 / chirag	M1655

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGMN1-1 / MANGANESE, 125mL 1000ug/mL	D2-MN02079	12/01/2011	11/29/2010 / chirag	11/29/2010 / chirag	M1656

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGCU1-1 / COPPER 125mL 1000ug/mL	D2-CU02121	12/01/2011	11/29/2010 / chirag	11/29/2010 / chirag	M1657

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGBA1-1 / BARIUM 125mL 1000ug/mL	D2-BA02055	12/01/2011	11/29/2010 / chirag	11/29/2010 / chirag	M1659

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGSE(4)1-1 / SELENIUM 125mL 1000ug/mL	D2-SE02020	12/01/2011	11/29/2010 / chirag	11/29/2010 / chirag	M1660

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGCR(3)1-1 / CHROMIUM(+3) 125mL 1000ug/mL	D2-CR03042	12/01/2011	11/29/2010 / chirag	11/29/2010 / chirag	M1662

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Metals CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGCO1-1 / COBALT 125mL 1000ug/mL	D2-CO02027	12/01/2011	11/29/2010 / chirag	11/29/2010 / chirag	M1665

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGNA10-1 / SODIUM 125mL 10,000ug/mL	D2-NA03080	12/01/2011	11/29/2010 / chirag	11/29/2010 / chirag	M1669

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGTH1-1 / Thorium 1000 ug/ml	C2-TH01079	12/01/2011	11/29/2010 / chirag	11/29/2010 / chirag	M1670

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGBE1-1 / BERYLLIUM 125mL 1000ug/mL	D2-BE02003	12/01/2011	11/29/2010 / chirag	11/29/2010 / chirag	M1671

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGCD1-1 / CADMIUM, 125mL 1000ug/mL	D2-CD02027	12/01/2011	11/29/2010 / chirag	11/29/2010 / chirag	M1672

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGAS1-1 / ARSENIC 125mL 1000ug/mL	D2-AS02066	12/01/2011	11/29/2010 / chirag	11/29/2010 / chirag	M1673

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGV1-1 / VANADIUM 125mL 1000ug/mL	D2-V02065	12/01/2011	11/29/2010 / chirag	11/29/2010 / chirag	M1674

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGAG1-1 / SILVER 125mL 1000ug/mL	D2-AG03004	12/01/2011	11/29/2010 / chirag	11/29/2010 / chirag	M1675

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGTL1-1 / THALLIUM 125mL 1000ug/mL	D2-TL01111	12/01/2011	11/29/2010 / chirag	11/29/2010 / chirag	M1676

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGU1-1 / Uranium 1000 ug/ml	D2O01084	12/01/2011	11/29/2010 / chirag	11/29/2010 / chirag	M1677

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGK10-1 / POTASSIUM 125mL 10,000ug/mL	D2-K03011	12/01/2011	11/29/2010 / chirag	11/29/2010 / chirag	M1679

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGP10-1 / Phosphorus, 125 ml, 10000 ug/ml	D2-P02026	12/01/2011	11/29/2010 / chirag	11/29/2010 / chirag	M1680

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGFE10-1 / IRON 125mL 10,000ug/mL	D2-FE03115	12/01/2011	11/29/2010 / chirag	11/29/2010 / chirag	M1681

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGAL10-1 / Aluminium, Al, 125 ml, 10,000 ug/ml	D2-AL04086	12/01/2011	11/29/2010 / chirag	11/29/2010 / chirag	M1682

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGPB1-1 / LEAD 125mL 1000ug/mL	D2PB03020	12/01/2011	11/29/2010 / chirag	11/29/2010 / chirag	M1683

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	6020ISS / 6020ISS, 10 ug/ml, Bi, Ho, In, 6Li, Rh, Sc, TB, Y	D2-MEB324021	01/01/2012	09/29/2011 / jaswal	12/10/2010 / danuta	M1699

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGSR1-1 / Strontium, 125 ml, 1000 PPM	c2-sr02024	01/01/2012	12/14/2010 / danuta	12/13/2010 / danuta	M1700

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGSR10-1 / STRONTIUM 1 X 125 ml	D2-SR02025	01/01/2012	12/17/2010 / danuta	12/17/2010 / danuta	M1709

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGSBF1-1 / ANTIMONY HF, 125mL 1,000ug/mL	D2-SB02125	02/01/2012	01/07/2011 / kchoi	01/05/2011 / kchoi	M1713

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGCA10-1 / CALCIUM 125mL 10,000ug/mL	d2-ca04008	05/01/2012	04/18/2011 / danuta	04/15/2011 / danuta	M1824

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGMG10-1 / MAGNESIUM 125mL 10,000ug/mL	d2-mg03095	05/01/2012	04/18/2011 / danuta	04/15/2011 / danuta	M1825

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CLPP-SPK-1 / SOIL/WATER SPIKE SOLN 1, 125mL	D2-MEB324145	06/01/2012	05/11/2011 / danuta	05/09/2011 / danuta	M1857

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CHEM-QC-4 / CHEM-QC-4, Second Source, 1000 ug/ml, B, Mo, Si, Sn, Ti	E2-MEB374039	06/01/2012	05/11/2011 / danuta	05/09/2011 / danuta	M1860

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CLPP-SPK-4 / SOIL/WATER SPIKE SOLN 4, 125mL	A2-MEB194140	06/01/2012	05/11/2011 / danuta	05/09/2011 / danuta	M1861

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	Z9651Q / CHEM-CLP-4/.25L	E2-MEB374038	06/01/2012	05/11/2011 / danuta	05/09/2011 / danuta	M1866

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGS10-1 / SULFUR 125mL 10,000ug/mL	D2-S01113	06/01/2012	06/06/2011 / danuta	05/27/2011 / danuta	M1900

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	ICV-1 (0307) / ICV (ICP/ICPMS) STOCK SOLN	ICV1-0307	01/17/2012	07/18/2011 / jaswal	07/18/2011 / jaswal	M1955

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	PART A (0803) / ICSA (ICPMS) STOCK SOLN	ICSA-0803	01/17/2012	07/18/2011 / jaswal	07/18/2011 / jaswal	M1956

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	/ ICSB (ICPMS) STOCK SOLUTION	ICSB-0803	01/17/2012	07/18/2011 / jaswal	07/18/2011 / jaswal	M1957

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	6020CAL-1 / Calibration Standard Method 6020	D2-MEB335101	07/01/2012	07/23/2011 / jaswal	06/24/2011 / jaswal	M1971

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGZN1-1 / ZINC 125mL 1000ug/mL	D2-ZN02065	02/01/2012	06/20/2011 / jaswal	01/28/2011 / jaswal	M1974

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9530-33 / Hydrochloric Acid, Instra-Analyzed (cs/6x2.5L)	K24040	08/24/2016	09/16/2011 / narendra	08/24/2011 / NARENDRA	M2000

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	IV-STOCK-12 / TUNE-A,	E2-MEB372150	10/01/2012	09/22/2011 / jaswal	09/09/2011 / jaswal	M2024

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)	J12036	10/05/2016	11/01/2011 / narendra	10/05/2011 / narendra	M2052

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)	J14036	10/05/2016	10/25/2011 / narendra	10/05/2011 / narendra	M2058

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9530-33 / Hydrochloric Acid, Instra-Analyzed (cs/6x2.5L)	K28022	10/05/2016	10/28/2011 / narendra	10/05/2011 / narendra	M2068

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9530-33 / Hydrochloric Acid, Instra-Analyzed (cs/6x2.5L)	K28022	10/05/2016	11/04/2011 / narendra	10/05/2011 / narendra	M2069

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)	K23022	10/19/2016	11/04/2011 / narendra	10/19/2011 / narendra	M2078

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Lab certified	02/23/2015	02/23/2010 /	02/23/2010 / divya	W1152

Standard ID : M1900

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2.0 **DESCRIPTION OF CRM** **10000 µg/mL Sulfur in H2O**

Catalog Number:	CGS10-1, CGS10-2 and CGS10-5
Lot Number:	**D2-S01113**
Starting Material:	H2SO4
Starting Material Purity (%):	99.999985
Starting Material Lot No:	G42027
Matrix:	H2O

3.0 **CERTIFIED VALUES AND UNCERTAINTIES**

Certified Concentration: 10,044 ± 63 µg/mL -weighted mean

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.

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

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

Uncertainty (±) $= \frac{2\,[(\Sigma s_i)^2]^{1/2}}{(n)^{1/2}}$

Σs_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 Method #1** **10,044 ± 20 µg/mL**
Acidimetric NIST SRM 84k Lot Number: 84k

Assay Method #2 **10,044 ± 56 µg/mL**
ICP Assay NIST SRM 3154 Lot Number: 892205

Standard ID : M1699

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2.0 **DESCRIPTION OF CRM** Stock Solution

Catalog No.: 6020ISS

Lot Number: **E2-MEB365110**

Matrix: 7% HNO3(v/v)

10 µg/mL ea:
Bi, Ho, In, Li6, Rh, Sc, Tb, Y

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE
6 Li, Li6	10.00 ± 0.09 µg/mL	Bismuth, Bi	10.00 ± 0.05 µg/mL	Holmium, Ho	10.00 ± 0.04 µg/mL
Indium, In	10.00 ± 0.02 µg/mL	Rhodium, Rh	10.15 ± 0.04 µg/mL	Scandium, Sc	10.01 ± 0.03 µg/mL
Terbium, Tb	10.00 ± 0.03 µg/mL	Yttrium, Y	10.01 ± 0.02 µg/mL		

Certified Density: 1.032 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.

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

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

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

Certified Abundance: The 6Li in this standard is enhanced. The Certified abundances in Atom % are as follows:

IV's Certified Abundance

Isotope	Atom%
Lithium Li6	95.4 ± 0.3
Li7	4.6 ± 0.1

4.0 TRACEBILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

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Standard ID : M1971

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8/23/11 M1971

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2.0 **DESCRIPTION OF CRM** Stock Solution

Catalog No.: 6020CAL-1

Lot Number: **D2-MEB335101**

Matrix: tr. HF, 5% HNO3(v/v)

20 µg/mL ea:

Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr3, Cu, Fe, K, Mg, Mn, Na, Ni, Pb, Sb, Se, Tl, V, Zn

3.0 **CERTIFIED VALUES AND UNCERTAINTIES**

ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE
Aluminum, Al	20.00 ± 0.07 µg/mL	Antimony, Sb	20.00 ± 0.06 µg/mL	Arsenic, As	20.00 ± 0.07 µg/mL
Barium, Ba	20.00 ± 0.03 µg/mL	Beryllium, Be	20.00 ± 0.08 µg/mL	Cadmium, Cd	20.00 ± 0.04 µg/mL
Calcium, Ca	20.01 ± 0.05 µg/mL	Chromium+3, Cr3	20.00 ± 0.07 µg/mL	Cobalt, Co	20.00 ± 0.08 µg/mL
Copper, Cu	20.00 ± 0.04 µg/mL	Iron, Fe	20.00 ± 0.06 µg/mL	Lead, Pb	20.00 ± 0.05 µg/mL
Magnesium, Mg	20.01 ± 0.05 µg/mL	Manganese, Mn	20.00 ± 0.11 µg/mL	Nickel, Ni	20.00 ± 0.05 µg/mL
Potassium, K	20.01 ± 0.05 µg/mL	Selenium, Se	20.00 ± 0.04 µg/mL	Silver, Ag	20.00 ± 0.02 µg/mL
Sodium, Na	20.01 ± 0.04 µg/mL	Thallium, Tl	20.00 ± 0.04 µg/mL	Vanadium, V	20.00 ± 0.06 µg/mL
Zinc, Zn	20.00 ± 0.09 µg/mL				

Certified Density: 1.027 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.

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

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2.0 DESCRIPTION OF CRM **1000 µg/mL Silver in 5% (v/v) HNO3**

Catalog Number:	CGAG1-1, CGAG1-2, and CGAG1-5
Lot Number:	**D2-AG03004**
Starting Material:	Ag shot
Starting Material Purity (%):	99.991024
Starting Material Lot No:	E308AGA1
Matrix:	5% (v/v) HNO3

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Concentration: 1,000 ± 2 µg/mL

Certified Density: 1.025 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.

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

Uncertainty (±) $= \frac{2\,[(\Sigma s_i)^2]^{1/2}}{(n)^{1/2}}$

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

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4.1 **Assay Method #1** **1,002 ± 3 µg/mL**
ICP Assay NIST SRM 3151 Lot Number: 992212

Assay Method #2 **1,000 ± 2 µg/mL**
Volhard NIST SRM 999b Lot Number: 999b

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2.0 **DESCRIPTION OF CRM** **10000 µg/mL Aluminum in 7% (v/v) HNO3**

Catalog Number:	CGAL10-1, CGAL10-2, and CGAL10-5
Lot Number:	**D2-AL04086**
Starting Material:	Al ingot
Starting Material Purity (%):	99.999682
Starting Material Lot No:	1502
Matrix:	7% (v/v) HNO3

3.0 **CERTIFIED VALUES AND UNCERTAINTIES**

Certified Concentration: 10,031 ± 30 µg/mL

Certified Density: 1.085 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.

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

Uncertainty (±) $= \frac{2\,[(\Sigma s_i)^2]^{1/2}}{(n)^{1/2}}$

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

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4.1 **Assay Method #1** **9,997 ± 39 µg/mL**
ICP Assay NIST SRM 3101a Lot Number: 060502

Assay Method #2 **10,031 ± 30 µg/mL**
EDTA NIST SRM 928 Lot Number: 928

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2.0 **DESCRIPTION OF CRM** **1000 µg/mL Arsenic in 2% (v/v) HNO3**

Catalog Number:	CGAS1-1, CGAS1-2, and CGAS1-5
Lot Number:	**D2-AS02066**
Starting Material:	As pieces
Starting Material Purity (%):	99.999032
Starting Material Lot No:	R1107ASB1
Matrix:	2% (v/v) HNO3

3.0 **CERTIFIED VALUES AND UNCERTAINTIES**

Certified Concentration: 999 ± 5 µg/mL

Certified Density: 1.011 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.

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

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

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

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4.1 **Assay Method #1** **999 ± 5 µg/mL**
ICP Assay NIST SRM 3103a Lot Number: 010713

Assay Method #2 **1,000 ± 5 µg/mL**
Calculated NIST SRM Lot Number: See Sec. 4.2

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2.0 **DESCRIPTION OF CRM** **1000 µg/mL Barium in 0.1% (v/v) HNO3**

Catalog Number:	CGBA1-1, CGBA1-2, and CGBA1-5
Lot Number:	**D2-BA02055**
Starting Material:	Ba(NO3)2
Starting Material Purity (%):	99.999842
Starting Material Lot No:	1514
Matrix:	0.1% (v/v) HNO3

3.0 **CERTIFIED VALUES AND UNCERTAINTIES**

Certified Concentration: 1,007 ± 3 µg/mL

Certified Density: 1.000 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.

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

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

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

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4.1 **Assay Method #1** **1,002 ± 4 µg/mL**
ICP Assay NIST SRM 3104a Lot Number: 070222

Assay Method #2 **1,007 ± 3 µg/mL**
Gravimetric NIST SRM Lot Number: See Sec. 4.2

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2.0 **DESCRIPTION OF CRM** **1000 µg/mL Beryllium in 3% (v/v) HNO3**

Catalog Number:	CGBE1-1, CGBE1-2, and CGBE1-5
Lot Number:	**D2-BE02003**
Starting Material:	Be(OOCCH3)2
Starting Material Purity (%):	99.999948
Starting Material Lot No:	0801-1
Matrix:	3% (v/v) HNO3

3.0 **CERTIFIED VALUES AND UNCERTAINTIES**

Certified Concentration: 1,004 ± 6 µg/mL

Certified Density: 1.023 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.

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

Uncertainty (±) $= \frac{2\,[(\Sigma s_i)^2]^{1/2}}{(n)^{1/2}}$

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

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4.1 **Assay Method #1** **1,004 ± 6 µg/mL (avg. of 2 runs)**
ICP Assay NIST SRM 3105a Lot Number: 892707

Assay Method #2 **1,001 ± 5 µg/mL**
Calculated NIST SRM Lot Number: See Sec. 4.2

Standard ID : M1824

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2.0 **DESCRIPTION OF CRM** **10000 µg/mL Calcium in 2% (v/v) HNO3**

Catalog Number:	CGCA10-1, CGCA10-2, and CGCA10-5
Lot Number:	**D2-CA04008**
Starting Material:	CaO
Starting Material Purity (%):	99.995507
Starting Material Lot No:	C808CAA1
Matrix:	2% (v/v) HNO3

3.0 **CERTIFIED VALUES AND UNCERTAINTIES**

Certified Concentration: 9,994 ± 37 µg/mL (avg. of 2 methods)

Certified Density: 1.038 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.

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

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

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

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4.1 **Assay Method #1** **9,995 ± 47 µg/mL**
ICP Assay NIST SRM 3109a Lot Number: 050825

Assay Method #2 **9,992 ± 26 µg/mL**
EDTA NIST SRM 928 Lot Number: 928

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2.0 DESCRIPTION OF CRM **1000 µg/mL Cadmium in 3% (v/v) HNO3**

Catalog Number:	CGCD1-1, CGCD1-2, and CGCD1-5
Lot Number:	**D2-CD02027**
Starting Material:	Cd shot
Starting Material Purity (%):	99.999656
Starting Material Lot No:	R1205CDA1
Matrix:	3% (v/v) HNO3

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Concentration: 1,002 ± 4 µg/mL (avg. of 2 methods)

Certified Density: 1.015 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.

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

Uncertainty (±) $= \frac{2\,[(\Sigma s_i)^2]^{1/2}}{(n)^{1/2}}$

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

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4.1 **Assay Method #1** **1,002 ± 4 µg/mL**
ICP Assay NIST SRM 3108 Lot Number: 060531

Assay Method #2 **1,002 ± 3 µg/mL**
EDTA NIST SRM 928 Lot Number: 928

Standard ID : M1672

Standard ID : M1866

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2.0 **DESCRIPTION OF CRM** Custom Solution

Catalog No.: CHEM-CLP-4

Lot Number: **E2-MEB374038**

Matrix: 0.8% HF(v/v), 3% HNO3(v/v)

1,000 µg/mL ea:
B, Mo, Si, Sn, Ti

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE
Boron, B	1,000 ± 4 µg/mL	Molybdenum, Mo	1,000 ± 5 µg/mL	Silicon, Si	1,000 ± 3 µg/mL
Tin, Sn	1,000 ± 5 µg/mL	Titanium, Ti	1,000 ± 5 µg/mL		

Certified Density: 1.031 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

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

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

$(\bar{x})$ = mean
x_i = individual results
n = number of measurements
$\sum s_i$ = 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 TRACEBILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

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2.0 **DESCRIPTION OF CRM** **1000 µg/mL Cobalt in 3% (v/v) HNO3**

Catalog Number:	CGCO1-1, CGCO1-2, and CGCO1-5
Lot Number:	**D2-CO02027**
Starting Material:	Co powder
Starting Material Purity (%):	99.997516
Starting Material Lot No:	KW809COA1
Matrix:	3% (v/v) HNO3

3.0 **CERTIFIED VALUES AND UNCERTAINTIES**

Certified Concentration: 1,003 ± 3 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.

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

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

Uncertainty (±) $= \frac{2\,[(\Sigma s_i)^2]^{1/2}}{(n)^{1/2}}$

Σs_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**

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4.1 **Assay Method #1** **1,003 ± 5 µg/mL**
ICP Assay NIST SRM 3181 Lot Number: 000630

Assay Method #2 **1,003 ± 3 µg/mL**
EDTA NIST SRM 928 Lot Number: 928

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2.0 DESCRIPTION OF CRM **1000 µg/mL Chromium (+3) in 2% (v/v) HNO3**

Catalog Number:	CGCR(3)1-1, CGCR(3)1-2, and CGCR(3)1-5
Lot Number:	**D2-CR03042**
Starting Material:	Cr pieces
Starting Material Purity (%):	99.993508
Starting Material Lot No:	R800A
Matrix:	2% (v/v) HNO3

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Concentration: 1,000 ± 3 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.

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

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

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

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4.1 **Assay Method #1** **1,000 ± 3 µg/mL (avg. of 2 runs)**
ICP Assay NIST SRM 3112a Lot Number: 030730

Assay Method #2 **1,001 ± 5 µg/mL**
Calculated NIST SRM Lot Number: See Sec. 4.2

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2.0 DESCRIPTION OF CRM **1000 µg/mL Copper in 3% (v/v) HNO3**

Catalog Number:	CGCU1-1, CGCU1-2, and CGCU1-5
Lot Number:	**D2-CU02121**
Starting Material:	Cu shot
Starting Material Purity (%):	99.999158
Starting Material Lot No:	1544
Matrix:	3% (v/v) HNO3

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Concentration: 1,001 ± 3 µg/mL (avg. of 2 methods)

Certified Density: 1.015 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.

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

Uncertainty (±) $= \frac{2\,[(\Sigma s_i)^2]^{1/2}}{(n)^{1/2}}$

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

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4.1 **Assay Method #1** **1,000 ± 4 µg/mL**
ICP Assay NIST SRM 3114 Lot Number: 011017

Assay Method #2 **1,001 ± 2 µg/mL**
EDTA NIST SRM 928 Lot Number: 928

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2.0 DESCRIPTION OF CRM **10000 µg/mL Iron in 5% (v/v) HNO3**

Catalog Number:	CGFE10-1, CGFE10-2, and CGFE10-5
Lot Number:	**D2-FE03115**
Starting Material:	Fe powder
Starting Material Purity (%):	99.995342
Starting Material Lot No:	1539
Matrix:	5% (v/v) HNO3

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Concentration: 10,125 ± 26 µg/mL

Certified Density: 1.066 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.

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

Uncertainty (±) $= \frac{2\,[(\Sigma s_i)^2]^{1/2}}{(n)^{1/2}}$

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

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4.1 **Assay Method #1** **10,130 ± 47 µg/mL (avg. of 3 runs)**
ICP Assay NIST SRM 3126a Lot Number: 051031

Assay Method #2 **10,125 ± 26 µg/mL**
EDTA NIST SRM 928 Lot Number: 928

Standard ID : M1679

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2.0 **DESCRIPTION OF CRM** **10000 µg/mL Potassium in 2% (v/v) HNO3**

Catalog Number:	CGK10-1, CGK10-2, and CGK10-5
Lot Number:	**E2-K03022**
Starting Material:	KNO3
Starting Material Purity (%):	99.9981
Starting Material Lot No:	B19P01
Matrix:	2% (v/v) HNO3

3.0 **CERTIFIED VALUES AND UNCERTAINTIES**

Certified Concentration: 9,985 ± 55 µg/mL - weighted mean

Certified Density: 1.025 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.

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

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

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4.1 **Assay Method #1** **9,981 ± 40 µg/mL**
ICP Assay NIST SRM 3141a Lot Number: 051220

Assay Method #2 **9,996 ± 24 µg/mL**
Gravimetric NIST SRM Lot Number: See Sec. 4.2

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2.0 **DESCRIPTION OF CRM** **1000 µg/mL Antimony in HF in 2% (v/v) HNO3 / tr. HF**

Catalog Number:	CGSBF1-1, CGSBF1-2, and CGSBF1-5
Lot Number:	**D2-SB02125**
Starting Material:	Sb shot
Starting Material Purity (%):	99.999426
Starting Material Lot No:	R1105SBA1
Matrix:	2% (v/v) HNO3 / tr. HF

3.0 **CERTIFIED VALUES AND UNCERTAINTIES**

Certified Concentration: 1,008 ± 5 µg/mL

Certified Density: 1.011 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.

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

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

Uncertainty (±) $= \frac{2\,[(\Sigma s_i)^2]^{1/2}}{(n)^{1/2}}$

Σs_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 Method #1** **1,008 ± 5 µg/mL**
ICP Assay NIST SRM 3102A Lot Number: 061229

Standard ID : M1656,M1825

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R: 11/14/11

M2102

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2.0 **DESCRIPTION OF CRM** **10000 µg/mL Magnesium in 2% (v/v) HNO3**

Catalog Number:	CGMG10-1, CGMG10-2, and CGMG10-5
Lot Number:	**E2-MG03101**
Starting Material:	Mg metal
Starting Material Purity (%):	99.9995
Starting Material Lot No:	1484
Matrix:	2% (v/v) HNO3

3.0 **CERTIFIED VALUES AND UNCERTAINTIES**

Certified Concentration: 10,007 ± 50 µg/mL - weighted mean

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.

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

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

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

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4.1 **Assay Method #1** **10,001 ± 28 µg/mL**
ICP Assay NIST SRM 3131a Lot Number: 050302

Assay Method #2 **10,014 ± 26 µg/mL**
EDTA NIST SRM 928 Lot Number: 928

Standard ID : M1669

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2.0 **DESCRIPTION OF CRM** **10000 µg/mL Sodium in 2% (v/v) HNO3**

Catalog Number:	CGNA10-1, CGNA10-2, and CGNA10-5
Lot Number:	**E2-NA03092**
Starting Material:	Na2CO3
Starting Material Purity (%):	99.9999
Starting Material Lot No:	C181157
Matrix:	2% (v/v) HNO3

3.0 **CERTIFIED VALUES AND UNCERTAINTIES**

Certified Concentration: 10,032 ± 46 µg/mL - weighted mean

Certified Density: 1.035 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.

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

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

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

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- 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 Method #1** **10,035 ± 20 µg/mL**
ICP Assay NIST SRM 3152a Lot Number: 010728

Assay Method #2 **10,029 ± 18 µg/mL**
Gravimetric NIST SRM Lot Number: See Sec. 4.2

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2.0 DESCRIPTION OF CRM **1000 µg/mL Nickel in 2% (v/v) HNO3**

Catalog Number:	CGNI1-1, CGNI1-2, and CGNI1-5
Lot Number:	**C2-NI02062**
Starting Material:	Ni pieces
Starting Material Purity (%):	99.999033
Starting Material Lot No:	E25T014
Matrix:	2% (v/v) HNO3

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Concentration: 1003 ± 3 µg/mL

Certified Density: 1.012 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.

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

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

$(\bar{x})$ = mean
x_i = individual results
n = number of measurements
Σs_i = The summation of all significant estimated errors (Most common are the errors from instumental 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

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4.1 **Assay Method #1** **998 ± 3 µg/mL**
ICP Assay NIST SRM 3136 Lot Number: 000612

Assay Method #2 **1003 ± 3 µg/mL**
EDTA NIST SRM 928 Lot Number: 928

Standard ID : M1680

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2.0 **DESCRIPTION OF CRM** **1000 µg/mL Phosphorus in H2O**

Catalog Number:	CGP1-1, CGP1-2, and CGP1-5
Lot Number:	**E2-P02032**
Starting Material:	H3PO4
Starting Material Purity (%):	99.9983
Starting Material Lot No:	C29804
Matrix:	H2O

3.0 **CERTIFIED VALUES AND UNCERTAINTIES**

Certified Concentration: 1,004 ± 5 µg/mL- weighted mean

Certified Density: 0.999 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.

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

Uncertainty (±) $= \frac{2\,[(\Sigma s_i)^2]^{1/2}}{(n)^{1/2}}$

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

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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 Method #1** **1,005 ± 2 µg/mL**
ICP Assay NIST SRM 3139a Lot Number: 060717

Assay Method #2 **1,003 ± 2 µg/mL**
Acidimetric NIST SRM 84L Lot Number: 84L

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2.0 DESCRIPTION OF CRM **1000 µg/mL Lead in 0.5% (v/v) HNO3**

Catalog Number:	CGPB1-1, CGPB1-2, and CGPB1-5
Lot Number:	**D2-PB03020**
Starting Material:	Pb(NO3)2
Starting Material Purity (%):	99.999554
Starting Material Lot No:	E1007PBA1
Matrix:	0.5% (v/v) HNO3

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Concentration: 1,008 ± 2 µg/mL-weighted avg. of 2 methods

Certified Density: 1.001 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.

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

Uncertainty (±) $= \frac{2\,[(\Sigma s_i)^2]^{1/2}}{(n)^{1/2}}$

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

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· 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 Method #1** **1,003 ± 3 µg/mL**
ICP Assay NIST SRM 3128 Lot Number: 030721

Assay Method #2 **1,009 ± 2 µg/mL**
EDTA NIST SRM 928 Lot Number: 928

Standard ID : M1860

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2.0 **DESCRIPTION OF CRM** Custom Second Source Solution

Catalog No.: CHEM-QC-4

Lot Number: **E2-MEB374039**

Matrix: 0.7% HF(v/v), 3% HNO3(v/v)

Second Source: Whenever possible, this solution was manufactured from a second set of concentrates in our manufacturing facility.

1,000 µg/mL ea:
B, Mo, Si, Sn, Ti

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE
Boron, B	1,000 ± 4 µg/mL	Molybdenum, Mo	1,000 ± 3 µg/mL	Silicon, Si	1,000 ± 2 µg/mL
Tin, Sn	1,000 ± 3 µg/mL	Titanium, Ti	1,000 ± 2 µg/mL		

Certified Density: 1.030 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.

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

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

$(\bar{x})$ = mean
x_i = individual results
n = number of measurements
$\sum s_i$ = 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 TRACEBILITY 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)
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2.0 **DESCRIPTION OF CRM** **1000 µg/mL Selenium(+4) in 2% (v/v) HNO3**

Catalog Number:	CGSE(4)1-1, CGSE(4)1-2, and CGSE(4)1-5
Lot Number:	**D2-SE02020**
Starting Material:	Se shot
Starting Material Purity (%):	99.999203
Starting Material Lot No:	1505
Matrix:	2% (v/v) HNO3

3.0 **CERTIFIED VALUES AND UNCERTAINTIES**

Certified Concentration: 1,004 ± 3 µg/mL

Certified Density: 1.011 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.

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

Uncertainty (±) $= \frac{2\,[(\Sigma s_i)^2]^{1/2}}{(n)^{1/2}}$

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

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4.1 **Assay Method #1** **1,004 ± 3 µg/mL**
ICP Assay NIST SRM 3149 Lot Number: 992106

Assay Method #2 **1,007 ± 5 µg/mL**
Calculated NIST SRM Lot Number: See Sec. 4.2

Standard ID : M1857

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ACCREDITED Reference Material Producer Certificate 883.02

2.0 **DESCRIPTION OF CRM** Stock Solution

Catalog No.: CLPP-SPK-1

Lot Number: **D2-MEB324145**

Matrix: 7% HNO3(v/v)

2,000 µg/mL ea:
Al, Ba,

1,000 µg/mL ea:
Fe,

500 µg/mL ea:
Co, Mn, Ni, V, Zn,

250 µg/mL ea:
Cu,

200 µg/mL ea:
Cr3,

50 µg/mL ea:
Ag, Be

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE
Aluminum, Al	2,000 ± 7 µg/mL	Barium, Ba	2,000 ± 3 µg/mL	Beryllium, Be	50.09 ± 0.21 µg/mL
Chromium+3, Cr3	200.0 ± 0.7 µg/mL	Cobalt, Co	500.0 ± 1.1 µg/mL	Copper, Cu	250.3 ± 0.5 µg/mL
Iron, Fe	1,000 ± 3 µg/mL	Manganese, Mn	500.1 ± 2.7 µg/mL	Nickel, Ni	499.8 ± 1.4 µg/mL
Silver, Ag	50.00 ± 0.12 µg/mL	Vanadium, V	500.0 ± 1.9 µg/mL	Zinc, Zn	499.9 ± 2.1 µg/mL

Certified Density: 1.071 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.

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

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

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

Standard ID : M1861

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ACCREDITED Reference Material Producer Certificate 883.02

2.0 **DESCRIPTION OF CRM** Stock Solution

Catalog No.: CLPP-SPK-4

Lot Number: **A2-MEB194140**

Matrix: 2% HNO3(abs)

100.00 µg/mL ea:
Sb,
50.00 µg/mL ea:
Cd, Tl,
40.00 µg/mL ea:
As,
20.00 µg/mL ea:
Pb,
10.00 µg/mL ea:
Se

3.0 **CERTIFIED VALUES AND UNCERTAINTIES**

ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE
Antimony, Sb	100.3 ± 0.4 µg/mL	Arsenic, As	40.08 ± 0.13 µg/mL	Cadmium, Cd	50.10 ± 0.12 µg/mL
Lead, Pb	20.03 ± 0.06 µg/mL	Selenium, Se	10.04 ± 0.04 µg/mL	Thallium, Tl	50.08 ± 0.17 µg/mL

Certified Density: 1.014 g/mL (measured at 22° C)

The Certified Value is based upon the most precise method used to analyze this CRM. The following equations are used in the calculation of the certified value and the uncertainty.

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

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

$(\bar{x})$ = mean
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n = number of measurements
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4.0 **TRACEBILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS**

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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.

Standard ID : M1709

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ACCREDITED Reference Material Producer Certificate 883.02

2.0 **DESCRIPTION OF CRM** **10000 µg/mL Strontium in 2% (v/v) HNO3**

Catalog Number:	CGSR10-1, CGSR10-2, and CGSR10-5
Lot Number:	**D2-SR02025**
Starting Material:	SrCO3
Starting Material Purity (%):	99.998364
Starting Material Lot No:	W999A
Matrix:	2% (v/v) HNO3

3.0 **CERTIFIED VALUES AND UNCERTAINTIES**

Certified Concentration: 9,966 ± 31 µg/mL (avg. of 2 methods)

Certified Density: 1.034 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.

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

Uncertainty (±) $= \frac{2\,[(\Sigma s_i)^2]^{1/2}}{(n)^{1/2}}$

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

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4.1 **Assay Method #1** **9,952 ± 26 µg/mL**
EDTA NIST SRM 928 Lot Number: 928

Assay Method #2 **9,979 ± 36 µg/mL**
ICP Assay NIST SRM 3153a Lot Number: 990906

Standard ID : M1700

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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."

ACCREDITED Testing Laboratory Certificate 883.01

ACCREDITED Reference Material Producer Certificate 883.02

2.0 **DESCRIPTION OF CRM** **1000 µg/mL Strontium in 0.1% (v/v) HNO3**

Catalog Number:	CGSR1-1, CGSR1-2, and CGSR1-5
Lot Number:	**C2-SR02024**
Starting Material:	SrCO3
Starting Material Purity (%):	99.998364
Starting Material Lot No:	W999A
Matrix:	0.1% (v/v) HNO3

3.0 **CERTIFIED VALUES AND UNCERTAINTIES**

Certified Concentration: 1002 ± 3 µg/mL

Certified Density: 1.000 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.

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

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

$(\bar{x})$ = mean
x_i = individual results
n = number of measurements
Σs_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 Method #1** **1002 ± 3 µg/mL**
EDTA NIST SRM 928 Lot Number: 928

Assay Method #2 **1000 ± 5 µg/mL**
ICP Assay NIST SRM 3153a Lot Number: 990906

Standard ID : M1670

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2.0 **DESCRIPTION OF CRM** **1000 µg/mL Thorium in 4% (v/v) HNO3**

Catalog Number:	CGTH1-1, CGTH1-2, and CGTH1-5
Lot Number:	**D2-TH01082**
Starting Material:	Th(NO3)4x4H2O
Starting Material Purity (%):	99.997387
Starting Material Lot No:	X0033369-8 and X25828-7
Matrix:	4% (v/v) HNO3

3.0 **CERTIFIED VALUES AND UNCERTAINTIES**

Certified Concentration: 1,001 ± 5 µg/mL-weighted mean

Certified Density: 1.022 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.

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

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

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

$\sum s_i$ = 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 Method #1**	**1,002 ± 3 µg/mL** EDTA NIST SRM 928 Lot Number: 928
	Assay Method #2	**1,001 ± 4 µg/mL** ICP Assay NIST SRM 3159 Lot Number: 992912

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2.0 DESCRIPTION OF CRM

DESCRIPTION OF CRM	**1000 µg/mL Thallium in 0.7% (v/v) HNO3**
Catalog Number:	CGTL1-1, CGTL1-2, and CGTL1-5
Lot Number:	**D2-TL01111**
Starting Material:	TlNO3
Starting Material Purity (%):	99.999671
Starting Material Lot No:	1479
Matrix:	0.7% (v/v) HNO3

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Concentration: 1,000 ± 4 µg/mL

Certified Density: 1.003 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.

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

Uncertainty (±) $= \frac{2\,[(\Sigma s_i)^2]^{1/2}}{(n)^{1/2}}$

$(\bar{x})$ = mean
x_i = individual results
n = number of measurements
Σs_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 Method #1** **1,000 ± 4 µg/mL (avg. of 2 runs)**
ICP Assay NIST SRM 3158 Lot Number: 993012

Assay Method #2 **1,001 ± 5 µg/mL**
Calculated NIST SRM Lot Number: See Sec. 4.2

Standard ID : M2024

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R: 09/09/2011

M2024

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2.0 **DESCRIPTION OF CRM** Stock Solution

Catalog No.: IV-STOCK-12

Lot Number: **E2-MEB372150**

Matrix: 5% HNO3(v/v)

10 µg/mL ea:
Ba, Be, Bi, Ce, Co, In, Li, Ni, Pb, U

3.0 **CERTIFIED VALUES AND UNCERTAINTIES**

ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE
Barium, Ba	9.99 ± 0.04 µg/mL	Beryllium, Be	10.00 ± 0.04 µg/mL	Bismuth, Bi	9.99 ± 0.04 µg/mL
Cerium, Ce	10.00 ± 0.03 µg/mL	Cobalt, Co	10.01 ± 0.07 µg/mL	Indium, In	10.00 ± 0.05 µg/mL
Lead, Pb	10.01 ± 0.05 µg/mL	Lithium, Li	10.00 ± 0.01 µg/mL	Nickel, Ni	9.99 ± 0.03 µg/mL
Uranium, U	10.00 ± 0.03 µg/mL				

Certified Density: 1.025 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.

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

Uncertainty (±) $= \frac{2\,[(\Sigma s_i)^2]^{1/2}}{(n)^{1/2}}$

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

Certified Abundance: The 235U in this standard is depleted. The Certified abundances in Atom % are as follows:

IV's Certified Abundance

Isotope	Atom%
Uranium 238U	99.7 ± 0.1
235U	0.29 ± 0.05

4.0 **TRACEBILITY 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.

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ACCREDITED Reference Material Producer Certificate 883.02

2.0 DESCRIPTION OF CRM **1000 µg/mL Uranium in 2% (v/v) HNO3**

Catalog Number:	CGU1-1, CGU1-2, and CGU1-5
Lot Number:	**D2-U01084**
Starting Material:	UO2(NO3)2.6H2O
Starting Material Purity (%):	99.999942
Starting Material Lot No:	N55947
Matrix:	2% (v/v) HNO3

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Concentration: 1,015 ± 4 µg/mL

Certified Density: 1.009 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.

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

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

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

Certified Abundance: The 235U in this standard is depleted. The Certified abundances in Atom % are as follows:

IV's Certified Abundance

Isotope	Atom%
Uranium 238U	99.7 ± 0.1
235U	0.29 ± 0.05

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.

Standard ID : M1677

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ACCREDITED Testing Laboratory Certificate 883.01 — ACCREDITED Reference Material Producer Certificate 883.02

2.0 DESCRIPTION OF CRM **1000 µg/mL Vanadium in 2% (v/v) HNO3**

Catalog Number:	CGV1-1, CGV1-2, and CGV1-5
Lot Number:	**D2-V02065**
Starting Material:	V2O5
Starting Material Purity (%):	99.990563
Starting Material Lot No:	46
Matrix:	2% (v/v) HNO3

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Concentration: 1,007 ± 3 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.

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

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

$(\bar{x})$ = mean
x_i = individual results
n = number of measurements
$\sum s_i$ = 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 Method #1** **1,007 ± 3 µg/mL**
EDTA NIST SRM 928 Lot Number: 928

Assay Method #2 **1,003 ± 4 µg/mL**
ICP Assay NIST SRM 3165 Lot Number: 992706

Standard ID : M1674

Standard ID : M1974

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M1974

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ACCREDITED Reference Material Producer Certificate 883.02

2.0 **DESCRIPTION OF CRM** **1000 µg/mL Zinc in 2% (v/v) HNO3**

Catalog Number:	CGZN1-1, CGZN1-2, and CGZN1-5
Lot Number:	**D2-ZN02065**
Starting Material:	Zn shot
Starting Material Purity (%):	99.999897
Starting Material Lot No:	1560
Matrix:	2% (v/v) HNO3

3.0 **CERTIFIED VALUES AND UNCERTAINTIES**

Certified Concentration: 998 ± 4 µg/mL (avg. of 2 methods)

Certified Density: 1.012 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.

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

Uncertainty (±) $= \frac{2\,[(\Sigma s_i)^2]^{1/2}}{(n)^{1/2}}$

$(\bar{x})$ = mean
x_i = individual results
n = number of measurements
Σs_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 Method #1** **997 ± 4 µg/mL (avg. of 2 runs)**
ICP Assay NIST SRM 3168a Lot Number: 080123

Assay Method #2 **999 ± 3 µg/mL**
EDTA NIST SRM 928 Lot Number: 928

Rd : 07/18/2011 M1956

QATS INORGANIC REFERENCE MATERIAL
INTERFERENCE CHECK SAMPLE FOR ICP-MS
ICSA WITH ICSB

statistically pooled results from the following sources: ILM05.2 Pre-award analysis, Quarterly Blind analysis, CLP laboratory referee analysis, and QATS Laboratory analysis.

Preparation and analysis must be performed according to the following instructions:
ICSA-0803, Inferferents: Pipet 10 mL of the ICSA solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this solution by ICP-MS.
ICSB-0803, Analytes, mixed with ICSA-0803, Interferents: Pipet 10 mL of the ICSA solution and 10 mL of the ICSB solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this ICSAB solution by ICP-MS. Class 'A' glassware should be use to prepare these solutions.

Table 1. "CERTIFIED VALUES" FOR INTERFERENCE CHECK SAMPLE ICP-MS ICSA-0803, AND ICSA-0803 MIXED WITH ICSB-0803

Element	CRQL	Part A (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)	Part A +Part B (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)
Al	20	[100000]			[100000]		
Sb	2	(1.5)	-2.5	5.5	22.0	17.6	26.4
As	1	(0.1)	-1.9	2.1	19.0	15.2	22.8
Ba	10	(1.2)	-18.8	21.2	(22.0)	2.0	42.0
Be	1	(0)	-2.0	2.0	19.0	15.2	22.8
Cd	1	(0.7)	-1.3	2.7	20.0	16.0	24.0
Ca	500	[100000]			[100000]		
C		[200000]			[200000]		
Cl		[1000000]			[1000000]		
Cr	2	21.0	16.8	25.2	40.0	32.0	48.0
Co	1	(1.0)	-1.0	3.0	20.0	16.0	24.0
Cu	2	(8.0)	4.0	12.0	25.0	20.0	30.0
Fe	200	[100000]			[100000]		
Pb	1	(4.0)	2.0	6.0	25.0	20.0	30.0
Mg	500	[100000]			[100000]		
Mn	1	(7.0)	5.0	9.0	27.0	21.6	32.4
Mo		[2000]			[2000]		
Ni	1	(6.0)	4.0	8.0	24.0	19.2	28.8
P		[100000]			[100000]		
K	500	[100000]			[100000]		
Se	5	(0.3)	-9.7	10.3	(19.0)	9.0	29.0
Ag	1	(0)	-2.0	2.0	18.0	14.4	21.6
Na	500	[100000]			[100000]		
S		[100000]			[100000]		
Tl	1	(0)	-2.0	2.0	21.0	16.8	25.2
Ti		[2000]			[2000]		
V	5	(0.5)	-9.5	10.5	(19.0)	9.0	29.0
Zn	2	(11.0)	7.0	15.0	29.0	23.2	34.8

[ ] Indicates analytes that do not require ICP-MS determination in the ICS.
( ) Indicates analyte certified values and the acceptance range is calculated based on +/- 2 times the CRQL.

469

Rd: 07/18/2011

M1957

QATS INORGANIC REFERENCE MATERIAL
INTERFERENCE CHECK SAMPLE FOR ICP-MS
ICSA WITH ICSB

statistically pooled results from the following sources: ILM05.2 Pre-award analysis, Quarterly Blind analysis, CLP laboratory referee analysis, and QATS Laboratory analysis.

Preparation and analysis must be performed according to the following instructions:
ICSA-0803, Inferferents: Pipet 10 mL of the ICSA solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this solution by ICP-MS.
ICSB-0803, Analytes, mixed with ICSA-0803, Interferents: Pipet 10 mL of the ICSA solution and 10 mL of the ICSB solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this ICSAB solution by ICP-MS. Class 'A' glassware should be use to prepare these solutions.

Table 1. "CERTIFIED VALUES" FOR INTERFERENCE CHECK SAMPLE ICP-MS ICSA-0803, AND ICSA-0803 MIXED WITH ICSB-0803

Element	CRQL	Part A (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)	Part A +Part B (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)
Al	20	[100000]			[100000]		
Sb	2	(1.5)	-2.5	5.5	22.0	17.6	26.4
As	1	(0.1)	-1.9	2.1	19.0	15.2	22.8
Ba	10	(1.2)	-18.8	21.2	(22.0)	2.0	42.0
Be	1	(0)	-2.0	2.0	19.0	15.2	22.8
Cd	1	(0.7)	-1.3	2.7	20.0	16.0	24.0
Ca	500	[100000]			[100000]		
C		[200000]			[200000]		
Cl		[1000000]			[1000000]		
Cr	2	21.0	16.8	25.2	40.0	32.0	48.0
Co	1	(1.0)	-1.0	3.0	20.0	16.0	24.0
Cu	2	(8.0)	4.0	12.0	25.0	20.0	30.0
Fe	200	[100000]			[100000]		
Pb	1	(4.0)	2.0	6.0	25.0	20.0	30.0
Mg	500	[100000]			[100000]		
Mn	1	(7.0)	5.0	9.0	27.0	21.6	32.4
Mo		[2000]			[2000]		
Ni	1	(6.0)	4.0	8.0	24.0	19.2	28.8
P		[100000]			[100000]		
K	500	[100000]			[100000]		
Se	5	(0.3)	-9.7	10.3	(19.0)	9.0	29.0
Ag	1	(0)	-2.0	2.0	18.0	14.4	21.6
Na	500	[100000]			[100000]		
S		[100000]			[100000]		
Tl	1	(0)	-2.0	2.0	21.0	16.8	25.2
Ti		[2000]			[2000]		
V	5	(0.5)	-9.5	10.5	(19.0)	9.0	29.0
Zn	2	(11.0)	7.0	15.0	29.0	23.2	34.8

[ ] Indicates analytes that do not require ICP-MS determination in the ICS.
( ) Indicates analyte certified values and the acceptance range is calculated based on +/- 2 times the CRQL.

Standard ID : M1955

R: 07/18/2011

M1955

QATS INORGANIC REFERENCE MATERIAL
INITIAL CALIBRATION VERIFICATION SOLUTIONS
(ICVs)

ICV1-0307		
Element	Concentration (µg/L) (after 10 fold dilution)	Concentration (µg/L) (after 50 fold dilution)
Al	2521	504
Sb	994	199
As	999	200
Ba	497	99
Be	495	99
Cd	496	99
Ca	10026	2005
Cr	490	98
Co	499	100
Cu	492	98
Fe	5082	1016
Pb	1002	200
Mg	6074	1215
Mn	499	100
Ni	503	101
K	10021	2004
Se	1029	206
Ag	501	100
Na	10097	2019
Tl	1028	206
V	501	100
Zn	1025	205

ICV2-0601	
Element	Concentration (µg/L) (after 20 fold dilution)
As	52.6
Se	50.8

ICV3-0500	
Element	Concentration (µg/L) (after 10 fold dilution)
Sb	999

07/18/11

IS M01.3 200.8

SOP:— MISM01.2 - Metals ICP MS-02

ICP-MS

CHEMTECH

Water Sample Preparation Sheet

PrepBatch ID :	PB58982 C4368	Batch#	PB58982
SDG No :		ICP Digest Date:	11/3/11 Time : 10:00 A.M
Matrix :	Water	Sample Received By :	Scott Garrel
Method :	IS M01.3 - MS.	Dig Technician Signature:	Noelle Pachl, Received.
Initial Volume :	50 ML	Supervisor Signature:	Scott G
Final Volume :	50 ML	Prep Code:	~~CW1~~
Hot ~~Plate~~ Block Temp :	① 95C ~~2.~~ ~~3.~~		End time - 1:00 P.M. 11/3/11 NP

Standared Name	MLS USED	STD REF. # FROM LOG
LCSW	0.50 mL	MP9104
Spike Sol. B	0.50 mL.	MP9118
	11/3/11 NP	

Chemical Used	Lot Number
1:1 HNO3	MP8993
1:1 HCL	MP8463
	11/3/11 NP

Date / Time	Received By	Relinquished By	Location
11/3/11 1:00 Am.	Scott Garrel	Noelle Pachl.	ICP. lab.
	Analysis Group	Digestion Group	
	DR, (JS), PM	(NP) PM, RD	

CHEMTECH **Water Sample Preparation Sheet** **PrepBatch ID : PB58982**

Lab Sample ID	Customer Sample Number	Color Before	Color After	Clarity Before	Clarity After	PH	Comments
C4368-01	MH30T9	C	C	CL	CL	<2	
C4368-02	MH30W0	C	C	CL	CL	<2	
C4368-03	MH30W1	C	C	CL	CL	<2	
C4368-04	MH30W2	C	C	CL	CL	<2	
C4368-05	MH30W3	C	C	CL	CL	<2	
C4368-06	MH30W4	C	C	CL	CL	<2	
C4368-07	MH30W5	C	C	CL	CL	<2	
C4368-08	MH30W6	C	C	CL	CL	<2	
C4368-09	MH30W7	C	C	CL	CL	<2	
C4368-10	MH30W8	C	C	CL	CL	<2	
C4368-11	MH30W8D	C	C	CL	CL	<2	11/3/11
C4368-12	MH30W8S	C	C	CL	CL	<2	Spk. Jol. B
C4368-13	MH30X0	C	C	CL	CL	<2	
C4368-14	MH30X1	C	C	CL	CL	<2	11/3/11
C4368-15	MH30Y2	BR	Y	CL	CL	>2	Adj. to dig. pH<2
C4368-16	MH30Y3	BR	Y	CL	CL	>2	
C4368-17	MH30Y4	BR	Y	CL	CL	>2	
C4368-18	MH30Y5	BR	Y	CL	CL	>2	
C4368-19	MH30Y6	BR	Y	CL	CL	<2	
C4368-20	MH30Z6	C	C	CL	CL	<2	
PB58982BL	~~PB58982BL~~ PBW01	C	C	CL	CL	<2	11/3/11
PB58982BS	~~PB58982BS~~ LCS01	C	C	CL	CL	<2	MP 9104

11/3/11

11/3/11

* BL=Blank BS=Blank Spike TB=TCLP Blank
* COLOR: R=Red BU=Blue Y=Yellow GR=Green O=Orange V=Violet W=White C=Colorless BR=Brown GY=Grey BL=Black
* CLARITY: CL=Clear CD=Cloudy O=Opaque

CHEMTECH **Water Sample Preparation Sheet** **PrepBatch ID : PB58982**

Lab Sample ID	Customer Sample Number	Color Before	Color After	Clarity Before	Clarity After	PH	Comments
C4368-01	MH30T9	Colorless	Colorless	Clear	Clear	<2	
C4368-02	MH30W0	Colorless	Colorless	Clear	Clear	<2	
C4368-03	MH30W1	Colorless	Colorless	Clear	Clear	<2	
C4368-04	MH30W2	Colorless	Colorless	Clear	Clear	<2	
C4368-05	MH30W3	Colorless	Colorless	Clear	Clear	<2	
C4368-06	MH30W4	Colorless	Colorless	Clear	Clear	<2	
C4368-07	MH30W5	Colorless	Colorless	Clear	Clear	<2	
C4368-08	MH30W6	Colorless	Colorless	Clear	Clear	<2	
C4368-09	MH30W7	Colorless	Colorless	Clear	Clear	<2	
C4368-10	MH30W8	Colorless	Colorless	Clear	Clear	<2	
C4368-11	MH30W8D	Colorless	Colorless	Clear	Clear	<2	
C4368-12	MH30W8S	Colorless	Colorless	Clear	Clear	<2	S/pike Sol: B
C4368-13	MH30X0	Colorless	Colorless	Clear	Clear	<2	
C4368-14	MH30X1	Colorless	Colorless	Clear	Clear	<2	11/3/11 MP
C4368-15	MH30Y2	Brown	Yellow	Clear	Clear	>2	Attached. PH < 2
C4368-16	MH30Y3	Brown	Yellow	Clear	Clear	>2	
C4368-17	MH30Y4	Brown	Yellow	Clear	Clear	>2	
C4368-18	MH30Y5	Brown	Yellow	Clear	Clear	>2	
C4368-19	MH30Y6	Brown	Yellow	Clear	Clear	<2	
C4368-20	MH30Z6	Colorless	Colorless	Clear	Clear	<2	
PB58982BL	~~PB58982BL~~ PBW01	Colorless	Colorless	Clear	Clear	<2	11/3/11 MP
PB58982BS	~~PB58982BS~~ LCS01	Colorless	Colorless	Clear	Clear	<2	MP 1904

11/3/11 MP

11/3/11 MP

* BL=Blank BS=Blank Spike TB=TCLP Blank
* COLOR: R=Red BU=Blue Y=Yellow GR=Green O=Orange V=Violet W=White C=Colorless BR=Brown GY=Grey BL=Black
* CLARITY: CL=Clear CD=Cloudy O=Opaque

ORIGIN ID: MSOA (303) 296-3523
URS OPERATING SERVICES
1099 18TH ST STE 710
DENVER, CO 802021907
UNITED STATES US

SHIP DATE: 28OCT11
ACTWGT: 61.2 LB
CAD: /POS1242
DIMS: 24x14x14 IN

BILL SENDER

Part # 156287-A96 RIC 07/11
FedEx 10/2R 60FR1/0013/F5F8
#1435117

PS.
10/29/11
10:34

TO
CHEMTECH GROUP LLC
284 SHEFFIELD ST

MOUNTAINSIDE NJ 07092
(847) 480-9117
REF:
DEPT:
INV:
PO:

FedEx Express

J1120110805012 5

SATURDAY ### A1
PRIORITY OVERNIGHT
DSR
07092
NJ-US EWR

TRK# 0200 8768 2873 8232

XO CDWA

MH30S8

Copy
Original Documents are included in CSF
Signature
SNENNE
10/29/11
Date

ORIGIN ID: NCOA (401) 732-3400
MITKEM LABORATORIES
SPECTRUM ANALYTICAL, INC.
175 METRO CENTER BLVD

WARWICK, RI 02886
UNITED STATES US

SHIP DATE: 27OCT11
ACTWGT: 65.0 LB
CAD: 102252634/INET3210

BILL THIRD PARTY

TO SAMPLE CUSTODIAN: SNEHAL MEHTA
CHEMTECH CONSULTING GROUP - CHEM
284 SHEFFIELD STREET

MOUNTAINSIDE NJ 07092
(908) 789-8900
INV:
PO:
REF: 36549158.00000
DEPT:

KR 10/28/11
9:15

50FG1/0013/FEF4

FedEx Express

J1120110806 0125

2 of 2
MPS# 0263 7953 4472 5054
Mstr# 7953 4472 4996

FRI - 28 OCT A1
PRIORITY OVERNIGHT

0201

EB CDWA

07092
NJ-US EWR

Part # 156297-435 RIT 10/10

476

CHEMTECH
284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Login Summary Report

Order ID :	C4368	Order Date :	10/29/2011 10:34:00 AM	Project Mgr :	Snehal
Client :	USEPA CLP SMO	Project :	41926	Report Type :	USEPA CLP
Contact :	Anita Kapadia	Receive Date :	10/29/2011 10:34:00 AM	EDD Type :	EPA CLP
Date Sign Off :	11/1/2011 12:19:06 PM				

Sample ID	Client ID	Matrix	Sampling Date	Test	Test Group	Method	TAT Days	Fax Due Date	HC Due Date
C4368-01	MH30T9	Water	10/24/2011						
				Metals CLP MS		ISM01.3_MS	15	11/21/2011	11/21/2011
C4368-02	MH30W0	Water	10/24/2011						
				Metals CLP MS		ISM01.3_MS	15	11/21/2011	11/21/2011
C4368-03	MH30W1	Water	10/24/2011						
				Metals CLP MS		ISM01.3_MS	15	11/21/2011	11/21/2011
C4368-04	MH30W2	Water	10/24/2011						
				Metals CLP MS		ISM01.3_MS	15	11/21/2011	11/21/2011
C4368-05	MH30W3	Water	10/24/2011						
				Metals CLP MS		ISM01.3_MS	15	11/21/2011	11/21/2011
C4368-06	MH30W4	Water	10/24/2011						
				Metals CLP MS		ISM01.3_MS	15	11/21/2011	11/21/2011
C4368-07	MH30W5	Water	10/24/2011						
				Metals CLP MS		ISM01.3_MS	15	11/21/2011	11/21/2011
C4368-08	MH30W6	Water	10/25/2011						
				Metals CLP MS		ISM01.3_MS	15	11/21/2011	11/21/2011
C4368-09	MH30W7	Water	10/25/2011						
				Metals CLP MS		ISM01.3_MS	15	11/21/2011	11/21/2011
C4368-10	MH30W8	Water	10/25/2011						
				Metals CLP MS		ISM01.3_MS	15	11/21/2011	11/21/2011
C4368-11	MH30W8D	Water	10/25/2011						
				Metals CLP MS		ISM01.3_MS	15	11/21/2011	11/21/2011
C4368-12	MH30W8S	Water	10/25/2011						
				Metals CLP MS		ISM01.3_MS	15	11/21/2011	11/21/2011
C4368-13	MH30X0	Water	10/26/2011						
				Metals CLP MS		ISM01.3_MS	15	11/21/2011	11/21/2011
C4368-14	MH30X1	Water	10/26/2011						
				Metals CLP MS		ISM01.3_MS	15	11/21/2011	11/21/2011
C4368-15	MH30Y2	Water	10/26/2011						

				Metals CLP MS	ISM01.3_MS	15	11/21/2011	11/21/2011
C4368-16	MH30Y3	Water	10/26/2011					
				Metals CLP MS	ISM01.3_MS	15	11/21/2011	11/21/2011
C4368-17	MH30Y4	Water	10/26/2011					
				Metals CLP MS	ISM01.3_MS	15	11/21/2011	11/21/2011
C4368-18	MH30Y5	Water	10/26/2011					
				Metals CLP MS	ISM01.3_MS	15	11/21/2011	11/21/2011
C4368-19	MH30Y6	Water	10/26/2011					
				Metals CLP MS	ISM01.3_MS	15	11/21/2011	11/21/2011
C4368-20	MH30Z6	Water	10/25/2011					
				Metals CLP MS	ISM01.3_MS	15	11/21/2011	11/21/2011

WORKLIST(Hardcopy Internal Chain)

WorkList Name : C4368MS WorkList ID : 41892 Date : 11/3/2011 9:52:09 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
11/11/2011	Water	C4368-01	Metals CLP MS	1:1 HNO3 to p	USEP01	B63	MH30T9	10/24/2011	ISM01.3_MS
11/11/2011	Water	C4368-02	Metals CLP MS	1:1 HNO3 to p	USEP01	B63	MH30W0	10/24/2011	ISM01.3_MS
11/11/2011	Water	C4368-03	Metals CLP MS	1:1 HNO3 to p	USEP01	B63	MH30W1	10/24/2011	ISM01.3_MS
11/11/2011	Water	C4368-04	Metals CLP MS	1:1 HNO3 to p	USEP01	B63	MH30W2	10/24/2011	ISM01.3_MS
11/11/2011	Water	C4368-05	Metals CLP MS	1:1 HNO3 to p	USEP01	B63	MH30W3	10/24/2011	ISM01.3_MS
11/11/2011	Water	C4368-06	Metals CLP MS	1:1 HNO3 to p	USEP01	B63	MH30W4	10/24/2011	ISM01.3_MS
11/11/2011	Water	C4368-07	Metals CLP MS	1:1 HNO3 to p	USEP01	B63	MH30W5	10/24/2011	ISM01.3_MS
11/11/2011	Water	C4368-08	Metals CLP MS	1:1 HNO3 to p	USEP01	B63	MH30W6	10/25/2011	ISM01.3_MS
11/11/2011	Water	C4368-09	Metals CLP MS	1:1 HNO3 to p	USEP01	B63	MH30W7	10/25/2011	ISM01.3_MS
11/11/2011	Water	C4368-10	Metals CLP MS	1:1 HNO3 to p	USEP01	B63	MH30W8	10/25/2011	ISM01.3_MS
11/11/2011	Water	C4368-11	Metals CLP MS	1:1 HNO3 to p	USEP01	B63	MH30W8D	10/25/2011	ISM01.3_MS
11/11/2011	Water	C4368-12	Metals CLP MS	1:1 HNO3 to p	USEP01	B63	MH30W8S	10/25/2011	ISM01.3_MS
11/14/2011	Water	C4368-13	Metals CLP MS	1:1	USEP01	B63	MH30X0	10/26/2011	ISM01.3_MS
11/14/2011	Water	C4368-14	Metals CLP MS	1:1	USEP01	B63	MH30X1	10/26/2011	ISM01.3_MS
11/14/2011	Water	C4368-15	Metals CLP MS	1:1	USEP01	B63	MH30Y2	10/26/2011	ISM01.3_MS
11/14/2011	Water	C4368-16	Metals CLP MS	1:1	USEP01	B63	MH30Y3	10/26/2011	ISM01.3_MS
11/14/2011	Water	C4368-17	Metals CLP MS	1:1	USEP01	B63	MH30Y4	10/26/2011	ISM01.3_MS
11/14/2011	Water	C4368-18	Metals CLP MS	1:1	USEP01	B63	MH30Y5	10/26/2011	ISM01.3_MS
11/14/2011	Water	C4368-19	Metals CLP MS	1:1	USEP01	B63	MH30Y6	10/26/2011	ISM01.3_MS
11/14/2011	Water	C4368-20	Metals CLP MS	1:1	USEP01	B63	MH30Z6	10/25/2011	ISM01.3_MS

Date/Time 11/3/11 8:30 A.M.
Received by: NP
Relinquished by: [illegible]

Date/Time 11/3/11 4:00 P.M.
Received by: [illegible]
Relinquished by: NP